

Overhead

Week 51

1. Kent Headley
 - a. Annual review prep
 - b. Released engineering resource spreadsheet update (thanks to Mandy)
 - c. Other admin
2. Eric Martin
 - a. Meeting with grad student Everardo Gonzalez to discuss ROV ML/RL needs, a potential future collaboration.
3. Craig Okuda
 - a. Clean up
4. Brian Schlining
 - a. Addressed various issues with the migration from CentOS 8 to Rocky Linux on production servers.

Week 50

1. Duane Edgington
 - a. WFH Internet outage Dec 14. Storm related?
2. Kevin Gomes
 - a. Flail with the notification of the Log4J bug which does impact us, but does not appear to have caused any problems yet. We are working with IS to try to go through all our systems to find where impacts and holes might be and it's painstaking.
 - b. End of year budget stuff
 - c. Did a broad re-factor of the hours for some of the engineers in my group to fold in changes that have taken place with project and staff leading up to 2022.
 - d. Tried to organize a group lunch, but the CA mask mandate put the brakes on that.
 - e. Lots of IS requests, DNS, statics IPs, CentOS 8 retirements, etc. etc.
3. Kent Headley
 - a. Completed 2022 Engr Labor spreadsheet update
 - b. Annual review prep
 - c. Other admin
4. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
5. Mike McCann
 - a. Participated in LRAUV operator training session
 - b. Helping with log4j upgrades on various servers
 - c. Tested and merged the [gltf-generator code](#) that the CSUMB capstone students contributed and will be watching their presentation on Friday
6. Craig Okuda
 - a. Cupola clean up
 - b. Lab clean up
7. Carlos Rueda
 - a. Attended LRAUV Operator Training, all of this while closely monitoring the dash system: All ran smoothly with the 60+ concurrent sessions (from 50+ participants), with the backend services under <

8% CPU usage most of the time (well, at least while I was looking) 😊

NAME	CID	CPU	MEM	NET RX/TX	IO R/W
ctop	f5d3fe758e68	1%	6M / 3.68G	0B / 0B	4K / 0B
tdpostgres	433351b0d98a	3%	75M / 3.68G	6.97G / 66.7G	1.66G / 68K
tethysdash	d29574c90bac	6%	759M / 3.68G	14.1G / 56.52G	179M / 64K

- b. Log4Shell meeting and additional verifications re no-vulnerability.
- c. ESIP SemTech meeting.
- d. Contacted by a representative from <https://www.claytip.com/>, which looks promising (I recently learned about Claytip at Scale by the Bay. We'll talk next month.

8. Brian Schlining

- a. Reviewed all deployed applications to ensure they are not vulnerable to [#log4shell](#) attack. As time allows, switching Java apps to use [System.Logger](#) (current recommended best practice) with [an slf4j backend](#)
- b. Ran some docker kung-fu on a private internal docker registry that was using up disk space. For reference:
 - i. `docker exec -it registry /bin/sh`
 - ii. Create a [config.yml](#) file
 - iii. `registry garbage-collect ./config.yml -m`

9. Alana Sherman

- a. Hiring committee meetings for EE position and Seafloor Processes PI
- b. Out early Monday for a dr appt
- c. Lots of last minute work on the group resource allocations for 2022

Week 49

1. Duane Edgington

- a. NeurIPS 2021: Tutorial Machine Learning and Statistics for Climate Science
- b. AWS re:invent 2021

2. Kevin Gomes

- a. Working through Figma tutorials to see if it's worth using to mockup UIs for ODSS, Telepresence, ESP, Data Catalog, etc.
- b. Weekly meeting with Todd
- c. Finalized hours re-work for 2022 based on recent changes. Running up the chain before having Mandy put in the spreadsheet and send out to everyone impacted.
- d. End of year purchase/budgets
- e. Meeting with SMD to discuss Telemetry upgrade on Doc Ricketts

3. Kent Headley

- a. Generated a custom version of the OASIS download app to help Paul Barter at Cawthron patch an issue with a cell modem driver on a deployed system. Provided some suggestions for patching the driver for future use.
- b. SRSC meeting
- c. Labor spreadsheet update
- d. With Doug Conlin's help, transitioned from a loaner back primary laptop, which returned from a battery replacement w/ a clean hard drive.

4. Rich Henthorn

- a. Booster Clinic

5. Scott Jensen

- a. EE Hire

6. Brian Kieft

- a. Coordinated abstract for data access talk
- b. Dealt with a catastrophic failure of my laptop (thanks IS!)

7. Mike McCann
 - a. Reviewing capstone student's project to convert GMT bathymetry data to glTF
8. Doug Pargett
 - a. Engineering mtg
9. Carlos Rueda
 - a. Reimplemented the [dispatch](#) behind the doc-generation webhook. With an improved handling of some edge cases, the new dispatch is now also able to handle GitHub repositories, at the moment only public ones, but later on we intend to also enable private repos.
 - b. Feedback for Dash4 during WHOI vehicle deployment (thanks, Mike G.)
 - c. Ing. zoom meeting.
 - d. ESIP COR meeting; Code adjustments toward upcoming release of the SWEET ontologies.
 - e. SE-IE meeting.
10. Karen Salamy
 - a. Completed all of the software maintenance license renewals for 2022-2023 including Mathworks, MathCad and Aldec.

Week 48

1. Danelle Cline
 - a. AWS Reinvent conference
2. Kevin Gomes
 - a. EOY budgets
 - b. Labor hours shuffling
3. Kent Headley
 - a. OASIS support for Cawthron
 - b. Misc admin
4. Scott Jensen
 - a. EE Hire
5. Mike McCann
 - a. Installed Activestate Perl so that I can run the Expedition database loads
 - b. Helped try and diagnose data links following the correction of Ventana dive times from 2016
6. Carlos Rueda
 - a. Hotspot acoustic relay meeting with Tom and Iván.
 - b. Attended ACM Tech talk: The Essence of Software.
 - c. Exploring Rust and Scala technologies to build GraphQL and REST services.
 - d. Dealing with various issues arising after the migration of mmisw.org.
7. Karen Salamy
 - a. Looking into an issue with the EXPD for Megan Bassett where she is unable to consistently add tapes to the database.
 - b. Created and processed MathCad, Aldec and Mathworks annual license maintenance and renewals for the 2022 year.
8. Brian Schlining
 - a. Coordinating with [DARC](#) on upgrading their VARS system to the latest version.

Week 47

1. Rich Henthorn
 - a. EE candidate interview

Week 46

1. Kevin Gomes
 - a. Labor spreadsheet to level things for planning for this year and next

- b. Getting new laptop set up and migrating from old
 - c. Weekly meeting with Todd
 - d. IS Hiring committee review
 - e. Meeting with Visceral (external web refresh vendor)
2. Kent Headley
 - a. Helping with EE candidate lunch meetings
 - b. SRSC outline development
 - c. Misc admin; there is interest in DMO and engineering to explore continuation of a dorado linux port with an eye towards a 2023 proposal (if not before). Tom and Rich would like to use some available time to look at this.
 - d. Computer needs major service, working w/ Doug C to coordinate transfer so I can continue working while it is gone for a week.
3. Rich Henthorn
 - a. Director's dialog
4. Scott Jensen
 - a. EE Hiring committee
 - b. Time with Solidworks
5. Brent Jones
 - a. EE candidate dinners
6. Brian Kieft
 - a. Data talk abstract
7. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
8. Mike McCann
 - a. Attended MLonMB workshop at UCSC and the Web 3D Conference on Zoom from Pisa
9. Paul McGill
 - a. Multiple interviews for EE hire
10. Tom O'Reilly
 - a. Gave invited lecture at Rotary Club of Santa Cruz: "[Argo: Window into Earth's Ocean and Climate](#)". Many thanks to Ken Johnson, Heidi Cullen, Peter Walz, Chris Scholin and George Matsumoto for their help.
11. Craig Okuda
 - a. Mt Toro clean up
 - b. Cupola clean up
12. Carlos Rueda
 - a. Director's dialog; IE Meeting.
13. Brian Schlining
 - a. Set up a new M1 MacBook. [Worked through docker/python issues on arm](#).
 - b. Work on job posting for new IS position

Week 45

1. Scott Jensen
 - a. EE hire
2. Mike McCann
 - a. Attended MLonMB workshop at UCSC
3. Paul McGill
 - a. Working on signal processing paper with Yanwu and John Ryan
 - b. Interviewed EE candidate Ian Miller
4. Craig Okuda
 - a. Cupola clean up
 - b. Update wireless system docs

5. Alana Sherman
 - a. Hiring!! We are interviewing for one EE position this week and next. Lots of scheduling and preparation.
 - b. Hired, worked on the Mark Chaffey replacement position.

Week 44

1. Danelle Cline
 - a. EMSO tutorial materials completed
2. Kevin Gomes
 - a. Normal group lead overhead
 - b. Finalizing Dataprobe changes and deployment on both ships. Documenting changes too.
 - c. Some small help with Greensea system on Carson.
3. Kent Headley
 - a. Misc admin, office/lab space, hiring, SRSC
4. Mike McCann
 - a. Touching base with capstone students and their GMT .grd to .gtlf converter
 - b. Attending MLonMB workshop at UCSC next Wednesday
5. Craig Okuda
 - a. Lab and office clean out
6. Doug Pargett
 - a. Engineering mtg
7. Karen Salamy
 - a. Working on the Matlab purchase order for this year.
 - b. 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. :)
 - c. 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.
8. Brian Schlining
 - a. Completed LTO file management web app for IS that allows staff to recall/migrate files on titan to LTO. <https://bitbucket.org/mbari/lto-recall-app>
 - b. Posted a brief note about "[Using Type Classes to Convert Scala 3 Case Classes to CSV](#)"
 - c. Published a new docker image for running the latest version of [polynote](#) notebook. You can run it with ``docker run -p 8192:8192 -v $(pwd):/opt/polynote/notebooks --name polynote mbari/polynote:latest``. Source at <https://github.com/mbari-org/docker-polynote>
9. Alana Sherman
 - a. Most of my time has been spent on hiring this week. We finished the first EE position zoom interviews (8 in total), moving on to alerting candidates for in person interviews and scheduling.
 - b. Working on second EE position as well, and reading applicants for Seafloor processes PI search

Week 43

1. Duane Edgington
 - a. Group meeting Oct 27.
2. Rich Henthorn
 - a. Michael Anderson interview
3. Scott Jensen
 - a. EE hiring committee
 - b. Solidworks use to solidify training
4. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
5. Eric Martin

- a. RE-Term position committee
- 6. Mike McCann
 - a. Dusting off BEDs processing software following the recent beach recovery of a lost BED
- 7. Craig Okuda
 - a. Lab clean up
- 8. Alana Sherman
 - a. Strategic roadmap meeting
 - b. Hiring, lots of work on the EE hires

Week 42

- 1. Francois Cazenave
 - a. Interview 3 candidates for ME tech position
- 2. Duane Edgington
 - a. Group meeting Oct 20.
- 3. Kevin Gomes
 - a. Trying to wrap up SE Hiring Process
 - b. Spent almost all my time updating Dataprobe to support 4K camera deployment
- 4. Kent Headley
 - a. Reviewing job descriptions
 - b. Attended ROS Birds of a Feather zoom meeting, co-hosted by Ben Raanan, Brian Bingham (NPS) and Mabel Zhang (Open Robotics). Good meeting, with updates from lots of people using ROS for maritime applications and research. Format was introductions (all 35+ attendees), a series of quick (5-10 min) informal talks about projects, and discussion. The informal format was great for connecting with the community and lowering barriers for participation.
 - c. Misc admin
- 5. Rich Henthorn
 - a. ROS Community Seminar
- 6. Scott Jensen
 - a. Hiring committees
- 7. Thom Maughan
 - a. Attended seminar
- 8. Paul McGill
 - a. Did calculations to determine if a UAV flying from Monterey Bay Academy is within the MBNMS regulatory zone. It isn't, but we'll inform the Sanctuary regardless.
- 9. Craig Okuda
 - a. Lab clean out
 - b. Office clean out
- 10. Doug Pargett
 - a. Seminar
- 11. Carlos Rueda
 - a. IE meeting
 - b. Great MBARI webinar: Harnessing the power of the ocean to address climate change.
 - c. New machine set up at digitalocean.com for the impending migration of mmisw.org.
 - d. Catching up with some Scala3 materials and planning some migrations as time permits.
- 12. Karen Salamy
 - a. 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).
- 13. Brian Schlining
 - a. Continuing work on an the titan LTO vs Spinning disk management app.
<https://bitbucket.org/mbari/lto-recall-app>
- 14. Alana Sherman

- a. EE hire #1: met with Scott and Chad and reviewed all resumes, came up with a short list to do short Zoom interviews with starting later this week.

Week 41

1. Francois Cazenave
 - a. Participated in 3 interviews for ME tech position
2. Duane Edgington
 - a. Group meeting Oct 13.
3. Kevin Gomes
 - a. Working on changes to logging and Dataprobe to support 4K camera deployment coming up on the WF/Ricketts.
4. Scott Jensen
 - a. Finished up Solidworks training
 - b. METech interviews
 - c. EE hiring committee
5. Denis Klimov
 - a. Sorting and organising FCB parts for storage
6. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
7. Craig Okuda
 - a. Lab and office clean up
8. Brent Roman
 - a. Replaced home router with 8x faster processor to support MBARI's L2TP/IPSEC VPN
9. Carlos Rueda
 - a. IE meeting.
 - b. Preliminary planning to migrate mmisw.org, possibly to ESIP.
10. Karen Salamy
 - a. Was on campus this week to attend various meetings.
11. Brian Schlining
 - a. IS continues to expand the usage of MBARI's LTO system (titan). Brian is working on an app for IS to allow users to manually recall data from LTO tapes onto spinning disk.
<https://bitbucket.org/mbari/lto-recall-app>

Week 40

1. Francois Cazenave
 - a. Replace port and o-ring on BOSS camera
2. Kevin Gomes
 - a. SE Hiring Process
 - b. Assisted with testing new Ubuntu based Greensea servers that are scheduled to replace the current Ventana control system machines.
 - c. Working on upgrades to various software systems to support 4K camera deployment.
3. Kent Headley
 - a. Hiring activities
 - b. Informal tech consults (internal)
4. Rich Henthorn
 - a. Eng Meeting
5. Scott Jensen
 - a. Solidworks training
6. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)

7. Thom Maughan
 - a. Office and lab cleaning, organizing.
8. Mike McCann
 - a. Open position meetings
9. Craig Okuda
 - a. Office clean out
 - b. Lab clean out
 - c. Clean up files
10. Doug Pargett
 - a. Meeting
11. Brent Roman
 - a. Configured new router at home to support IT's change from PPTP to IPSEC L2TP VPN
12. Carlos Rueda
 - a. Engineering meeting
 - b. ESIP COR meeting
 - c. TAMU Corpus Christi has indicated they may not be able to continue hosting mmisw.org.
13. Brian Schlining
 - a. Coordinating with University of Hawaii's Deep-Sea Animal Research Center (DARC) on making changes to their VARS system to better accommodate remote work.
 - b. For IS, Investigating converting the video labs [lto-manager tool](#) to a general purpose file recall tool for any file on titan. Tracking this [here](#).
14. Alana Sherman
 - a. Conducted first meeting for the new EE hiring committee to set up a procedure, etc

Week 39

1. Kevin Gomes
 - a. Hiring process
 - b. AWS Grant Proposal Writing
 - c. Working on preparation for testing of new servers on the Carson for the Greensea upgrade
 - d. Starting work to add temperature logging and tests in Data Probe to prepare for 4K camera deployment.
2. Kent Headley
 - a. Hiring related
 - b. Misc admin/help
 - c. Waveglider loop and cross pre-deployment software checks
3. Scott Jensen
 - a. Solidworks training
4. Brian Kieft
 - a. Trip receipts
 - b. BIOSWAT proposal work
 - c. Candidate interview
5. Thom Maughan
 - a. Moved all mbari equipment and supplies from home office back to mbari, which touched off a need to organize and clean.
6. Mike McCann
 - a. Open position meetings
7. Paul McGill
 - a. Attended UAV workshop led by Bryan T-S.
8. Craig Okuda
 - a. Begin lab and office clean up
9. Carlos Rueda

- a. SE Hire Wrap Up Discussion
- 10. Brian Schlining
 - a. Begun port of legacy VARS application from Java 8 to more current JVMs. It currently compiles and runs on Java 11. This is prep for University of Hawaii's update. [Other groups were requesting this too.](#)

Week 38

- 1. Kevin Gomes
 - a. Working on phase 2 proposal for AWS Imagine Grant
 - b. Met with Todd and Joe regarding next steps for AWS account/organization structure and am scheduling follow up discussions with AWS experts on connecting our Active Directory to AWS SSO
 - c. Attended part of the diversity training that George scheduled
 - d. More work on SE Hiring process
 - e. Configured Greensea servers to match previous account configuration and so they would match accounts in the rest of the control room. Sent documented steps to GreenSea for review. This is in preparation for onboard testing of new servers on 10/1.
 - f. Met with consultants regarding the export/ITAR restrictions and license for software
 - g. Met with company Fivetran about their commercial ETL product for loading data sets to cloud data warehouses.
 - h. Met with Visceral (web refresh contractor) to discuss 'data catalog' and search concepts.
- 2. Kent Headley
 - a. SEInfo interviews
 - b. Met with Erik, Tom, Rich, Rob to discuss potential dorado auv port to linux, and steps to get there.
 - c. Met w. Don Fischer, Leah Rothman and others re end-user input for MBARI export control program
- 3. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
 - b. SE candidate interviews
 - c. Bystander intervention training (special timecode)
- 4. Eric Martin
 - a. ITAR meeting this thursday.
- 5. Thom Maughan
 - a. Cleaning and organizing.
 - b. Bystander intervention training / Hollabeck.
- 6. Mike McCann
 - a. Made the stoqs_cce2015 database available on stoqs.mbari.org per Roberto's request
 - b. Attending the very good 2021 CF Workshop over Zoom
 - c. Interviews
- 7. Rob McEwen
 - a. Future of Dorado Software Meeting
- 8. Craig Okuda
 - a. Office clean up
 - b. Lab clean up
- 9. Doug Pargett
 - a. Hollaback training
- 10. Carlos Rueda
 - a. SE interviews; IE meetings.
- 11. Karen Salamy
 - a. Attended two interviews for the group (Kevin and Graham).

Week 37

- 1. Kevin Gomes

- a. SE Hiring Process
- b. Quarterly Check In Meetings with Group
- c. Various Overhead Tasks
- d. Coordinated AWS Immersion Day which was great
- e. Follow up on tasks from Immersion Day. Also got \$2,000 in credits from AWS for SageMaker.
- f. AWS Imagine Grant discussion
- g. Looking at logs for normandy, pismo, and data to see if any pre-TLS 1.2 requests might be needed
2. Kent Headley
 - a. Phase 2 proposal discussions
 - b. Strategic Roadmap activities
 - c. Hiring meetings/interviews
 - d. Met w/ Thom M to discuss some potential eDNA work I may be able help with in 2022
3. Brian Kieft
 - a. Candidate interview
4. Denis Klimov
 - a. Organizing parts for IFCB, and lab in general
5. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
6. Mike McCann
 - a. Interviews
7. Craig Okuda
 - a. Clean up docs
8. Doug Pargett
 - a. Meetings, Seminars, etc
9. Carlos Rueda
 - a. Software Eng interview
10. Brian Schlining
 - a. Interview w/ SE candidate
 - b. Investigating updates to old VARS requested by the university of Hawaii.
 - i. Porting VARS from Java 8 to Java 17 (new LTS release)

Week 36

1. Duane Edgington
 - a. Engr dept meeting Sept 7
 - b. SEIE group meeting Sept 8
 - c. Prep for AWS immersion day presentations.
2. Kevin Gomes
 - a. Phase 2 responses, review, resource leveling
 - b. Reviewed 2022 group budget
 - c. SE Hire overhead planning for interviews starting next week
 - d. Prep for AWS immersion day (training on account management tools)
 - e. Help configuring new Greensea servers that will eventually replace machines on Carson
 - f. Verify navproc/datamanager/logging/dataprobe on Carson after Ventana reconnection
 - g. Tiny assist with navproc/datamanager stuff on Flyer
 - h. Met with Visceral who is the contractor for the web refresh project and had kickoff meeting
 - i. Reviewed Docker Desktop terms to understand why they are charging and how that changes for the MBARI team
3. Kent Headley
 - a. Phase 2 resource planning
 - b. Hiring activities (interviews and meetings)
 - c. Strategic Roadmap activities

4. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
5. Mike McCann
 - a. Met with Katie Pitz to discuss mooring data processing
 - b. Met with Chris Preston to discuss Python tools for processing Saildrone data
6. Craig Okuda
 - a. Bring RC microwave system on-line after trip
7. Doug Pargett
 - a. Engineering mtg
8. Carlos Rueda
 - a. Completed okeanids VM migration to Rocky Linux (thanks, Pat, for assistance).
9. Alana Sherman
 - a. Phase two proposal review and labor allocation balancing was done on Tuesday, we are 98% there.

Week 35

1. Kent Headley
 - a. Resource balancing
 - b. Misc admin
2. Brian Kieft
 - a. Phase 2 and SOW creation for LRAUV UX
3. Alana Sherman
 - a. Finished the job search for MiniROV/ EE (congrats to Ben Erwin) and started job search for EE

Week 34

1. Jon Erickson
 - a. Spent most of one day with Quest as part of tests to get on the Mars node.
2. Kevin Gomes
 - a. Vacation
 - b. Proposal responses and helping answer questions
 - c. Other management activities
 - d. Meetings with AWS
 - e. Hiring committee progress
 - f. Submitted DQ for AWS Imagine Grant
3. Denis Klimov
 - a. Final assembly of IFCB was completed and tested; and deployed on Power Buoy
4. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
5. Carlos Rueda
 - a. IE meeting and discussions about REST/GraphQL APIs, and brief Tethysl presentation/demo.
6. Brian Schlining
 - a. Responding to phase 2 requests for 2022 proposals.

Week 33

1. Duane Edgington
 - a. SE Info engineer zoom interviews
 - b. Group meeting Aug 16, 18
2. Kent Headley
 - a. Phase 1 resource balancing
3. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)

- b. New hire interviews
- 4. Mike McCann
 - a. New hire meetings
- 5. Craig Okuda
 - a. Misc succession planning
- 6. Carlos Rueda
 - a. Assisted Danelle toward enabling Python3.7/Miniconda on the doc generation machine (docs). Further updates needed in a couple of specific sites.
 - b. Software Engineer candidates: zoom call / discussions
- 7. Brian Schlining
 - a. Attended a seminar on how to integrate <https://www.testcontainers.org/> into a build.
 - b. Working with Kevin to shoehorn 2022's project requests hours into actual do-able hours.
- 8. Alana Sherman
 - a. Followed up on half a dozen things as part of the phase 1 feedback.
 - b. Attended last supervisors meeting to review allocations and feedback

Week 32

- 1. Duane Edgington
 - a. Participating in Software Engineer candidate zoom calls
 - b. Listened in to some of the intern presentations Aug 11.
- 2. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
 - b. Training - oceanhackweek
 - c. New hire meet-and-greet interviews
- 3. Mike McCann
 - a. Prepared some videos for SIGGRAPH Carto and Web3D Birds of a Feather sessions
- 4. Craig Okuda
 - a. Misc lab clean up
 - b. planning
- 5. Carlos Rueda
 - a. Software Engineer candidate zoom calls
 - b. Attended couple of Intern presentations
- 6. Karen Salamy
 - a. Participating in the new SE hire interviewing process. I have really enjoyed meeting and speaking with the candidates over the last week.
- 7. Brian Schlining
 - a. Interviewing SE candidates
 - b. Investigated issue with [Grib files in nctoolbox](#)
 - c. Watching intern presentations
- 8. Alana Sherman
 - a. Proposal review follow up
 - b. MiniROV position hiring activities

Week 31

- 1. Kevin Gomes
 - a. Proposal review and resource leveling
 - b. Hiring committee and meeting for SE hire
 - c. Meetings regarding web refresh RFP response
 - d. Met with Fugro
 - e. Met with Yui regarding Access/databases

- f. Prep for meeting with AWS to start work on phase II proposal
 - g. Met with group to discuss proposals
 - h. Supporting ESP deployments for Eddie, Friday, Gordon and Waldo. Fix bug in database schema that was preventing ancillary data from being loaded into the web portal
 - i. Assist with AWS permissions stuff
 - j. Worked with IS over the weekend to get the server elvis back up and running (don't think it survived some patching)
- 2. Kent Headley
 - a. Proposal review, resource meetings
- 3. Denis Klimov
 - a. Preparation for IFCB deployment is on a finish line. We instrument is running in close to real sampling protocol, test fit to Power Buoy done this week, next is the subassembly to be completed together with filter intake.
- 4. Mike McCann
 - a. Reading proposals and preparing for interviews
- 5. Paul McGill
 - a. Replace swollen Li-ion battery in my laptop.
- 6. Craig Okuda
 - a. Misc succession planning
- 7. Doug Pargett
 - a. Engineering meeting
- 8. Carlos Rueda
 - a. Proposals
 - b. Attended part of the LRAUV Training. (Good show, Ben)
- 9. Karen Salamy
 - a. Discussed 2021 project allocations with the SE group.

Week 30

- 1. Duane Edgington
 - a. Read application packages for SEIE position
 - b. Live! Group meeting July 28.
- 2. Kevin Gomes
 - a. More proposal reading
 - b. Meetings to talk about 3 proposals for web refresh
 - c. Hiring committee work
- 3. Kent Headley
 - a. Proposal review
 - b. Reviewing job apps for open positions
- 4. Paul McGill
 - a. Catching up on a lot of email after vacation
- 5. Craig Okuda
 - a. FCC license updates

Week 29

- 1. Duane Edgington
 - a. Crissy seminar July 21.
- 2. Kevin Gomes
 - a. Reading, reading, reading proposals
 - b. Resource balancing meetings
- 3. Kent Headley

- a. Phase 1 Proposal review and engineering resource discussion
- 4. Mike McCann
 - a. Trying to help Jenny get ArcMapNav working on the Carson
- 5. Carlos Rueda
 - a. Proposals: Reviewed and proposed time allocation balancing due to the usual overallocation.
 - b. Adjustments to MBARI meta-documentation generator, including upgrade of some underlying modules (mkdocs-material, in particular). Added a section about allowing the visitor to indicate dark mode, which I enabled for <https://docs.mbari.org/internal/docs-generation/> itself and some of other sites (with the usual "light" theme as default).
- 6. Karen Salamy
 - a. 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 28

- 1. Duane Edgington
 - a. AWS webinar on Genomic data processing. Very interesting.
- 2. Kevin Gomes
 - a. Group budget
 - b. Group meeting
 - c. Starting to review proposals from external vendors for web site refresh
 - d. Helped with getting spare navproc installed and running on Carson
 - e. Weekly call with Todd Ruston
 - f. Edited drawing numbers application to add new ESP member
 - g. Set up ESP portal to monitor deployments of ESP Gordon and Waldo in Montana
 - h. Some help with ClickUp stuff and upgraded account to business account
 - i. Cleaned up JIRA users to lower costs
 - j. Reviewed and edited some Slack user accounts per a request from Slack
 - k. Spent some time with ShirtPocket tech support to troubleshoot problems with my SuperDuper backups. They were great and helped me resolve this issue by telling SuperDuper to ignore Mac search indexes.
- 3. Kent Headley
 - a. Proposal review
 - b. budget
 - c. Preparing labor spreadsheet
 - d. Making the rounds
 - e. Misc drop-in meetings
- 4. Rich Henthorn
 - a. Proposal work
- 5. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
 - b. Proposals
 - c. Training on java servlets, java script, node.js
- 6. Eric Martin
 - a. GT proposal advisement
- 7. Thom Maughan
 - a. Phone interview with Keith Hammond of MAKE magazine on SharkCafe Cam, techfest and open source software and hardware.
- 8. Carlos Rueda
 - a. Proposals, proposals, ...

- b. IE meeting.
 - c. Adjustment in (meta)doc generation script to handle repository names with upper case letters.
- 9. Brian Schlining
 - a. Reviewing candidates for open Software Engineering position
 - b. Proposals!!
 - c. Developing benchmarks on [various microservice frameworks](#) to characterize quirks and performance.
- 10. Alana Sherman
 - a. Finalized budgets for EE group, and microwave
 - b. Finalizing expense and labor budgets for many proposals
 - c. On vacation last week

Week 27

- 1. Kent Headley
 - a. Proposals, Budget
- 2. Karen Salamy
 - a. Worked with IS to test auto_fs mounts on coredata8
 - b. Helped IS delete various retired computer systems from their inventory list.
 - c. Looked over and discussed 2022 budget requests with Kevin.
- 3. Brian Schlining
 - a. Project Proposals
 - b. [Running test/benchmarks](#) on various microservice frameworks.

Week 26

- 1. Duane Edgington
 - a. Group meeting June 28
 - b. Work on AWS grant proposal
- 2. Kevin Gomes
 - a. AWS Imagine Grant Proposal
 - b. Group Meetings
 - c. Wrapping up my time with Rich (MARS docs)
 - d. Group budget work
 - e. Some Slack support
- 3. Kent Headley
 - a. Proposals and budget
 - b. SRSC meeting (discussed next steps to think about outline and writing team development)
 - c. Engineering meetings
 - d. Loop and Cross : Provided some data analysis to Paul, and submitted pull request to add code into hotspot repo
- 4. Rich Henthorn
 - a. New proposals
- 5. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
 - b. Working through tutorial on developing first Java servlet
- 6. Eric Martin
 - a. Colleen Durkin Interview
 - b. ROV telemetry system consult
 - c. Various project labor quotes
- 7. Mike McCann
 - a. Watched DOEST videos, the director's dialog, and Wednesday's Live from the Deep program
- 8. Carlos Rueda

- a. Proposals.
 - b. IE meeting.
9. Karen Salamy
 - a. 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>
 - b. Dealt with the AutoFS issues on various servers including coredat8 (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.
 - c. 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.
 - d. Continue to monitor daily the M1 Mooring data and progress.
10. Brian Schlining
 - a. Working on proposals
 - b. Sharpening the saw by learning [ZIO](#)
 - c. Moved back into the office at MBARI
 - d. Attended intern meeting as a former intern.
11. Rich Schramm
 - a. Working on 'the last few things'

Week 25

1. Duane Edgington
 - a. Engineering virtual meeting, June 22.
2. Brent Jones
 - a. Meetings
3. Brian Kieft
 - a. Covid tests and engineering meeting
4. Denis Klimov
 - a. Draft model for IFCB pre-filter provided to Francois so could design IFCB bottom mount; ordering and evaluating filtering mesh materials in order to finalize pre-filter design
5. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
 - b. Completed LinkedIn Learning course on database management
6. Eric Martin
 - a. Initial meeting for Doc Ricketts telemetry upgrade scoping effort.
7. Doug Pargett
 - a. Engineering mtg.
8. Carlos Rueda
 - a. Engineering meeting.
9. Karen Salamy
 - a. 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.
 - b. Worked with video lab to update various editing capabilities of certain users editing miniROV dives and other various older dives.
 - c. 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.
10. Brian Schlining

- a. Work on 2022 proposals.

Week 24

1. Francois Cazenave
 - a. Helped clean up the test tank
2. Duane Edgington
 - a. Group meeting
 - b. Cloud abstract/proposal meeting (Discuss AWS non-profit grant opportunity)
3. Kevin Gomes
 - a. Working with others to decide if we will apply for AWS grant for non-profits
 - b. Office(s) cleanout to prep for more time on site
 - c. Troubleshooting some data logger issues on the Carson
 - d. Spent time on Flyer doing walkthrough with Rich and getting feedback from pilots. Will be deploying upgrade to Dataprobe in coming months (also small fix to Divelog will be deployed)
 - e. Met with vendor who will be submitting a proposal for web site re-design to answer questions they had
 - f. Helped Diana get set up in her office and met in person(!). Did a walkthrough of the facilities.
4. Kent Headley
 - a. Worked with Chris Wahl and Brian Kieft to test my implementation of Paul McGill's loop and cross waveglider acoustic asset location algorithm. Comms conditions were marginal, so took a while to get code uploaded. Initial test timed out in transit, and testing will continue today. Good progress in that it's my first time running on the platform and the code paths exercised (including error handling) worked as designed.
5. Brian Kieft
 - a. Wrote mission and lots of docking tests for DOEST presentation
6. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
 - b. Some orientation/getting settled at MBARI
7. Carlos Rueda
 - a. Director's dialog.
8. Rich Schramm
 - a. Disk and file system cleanup.

Week 23

1. Kevin Gomes
 - a. Meetings with Rich
 - b. Assisted DJ and Mike B with testing the Novatel GPS on the Carson and with the NAS they have for storing Greenseas log files.
 - c. Ran science data processing for AUV mission at end of last week.
 - d. Getting COVID ducks in a row to get on the Flyer to start documenting existing structure and test Rich's new XOJO-based DataProbe for the Flyer - thanks Rich!!!
 - e. Starting discussions for cloud exploration proposal along with looking into AWS non-profit grant that MBARI could apply for.
 - f. Check in meetings with group (cannot believe it's JUNE!)
 - g. Slack support for various requests
 - h. Meetings to assist with RFP for web refresh, will start meeting with possible vendors next week
 - i. Attended seminar on the deep water horizon which was really, really interesting.
 - j. Cloud budget monitoring
2. Rich Henthorn
 - a. DOEST
3. Denis Klimov

- a. Figuring out remote intake configuration for IFCB. Effect of small ID tubing on dynamic pressure differential estimated, which could affect microorganisms transported. IFCB controls had been tested for purging additional volume of remote intake.
4. Thom Maughan
 - a. Attended DOEST
 - b. Tatjana Ellis released her podcast interview of me.. <https://anchor.fm/csinmarineresearch>
5. Doug Pargett
 - a. Solving network issues and remote access.
6. Carlos Rueda
 - a. Looked into a ("non-urgent") issue reported by Adriana involving okeanids connection to tethysdash2. Planning to have a discussion to get more details and determine a solution.
 - b. Attended some DOEST presentations.
 - c. Check-in meeting.
7. Karen Salamy
 - a. Last week before M1 mooring deployment. Initiated SSDS data ingest testing for the new mooring. So far the data looks good and charts accurate.
 - b. 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.
 - c. Looked into a few issues with the post cruise web form.
8. Brian Schlining
 - a. Brian will be presenting FathomNet to the IOOS DMAC working group this afternoon.
9. Rich Schramm
 - a. Wrapping up all handoffs

Week 22

1. Danelle Cline
 - a. Our paper was published, finally! Automated classification of fauna in seabed photographs: the impact of training and validation dataset size, with considerations for the class imbalance. Open access here: <https://doi.org/10.1016/j.pocean.2021.102612>
2. Duane Edgington
 - a. Group meeting (virtual) May 28.
3. Kevin Gomes
 - a. Starting discussion about cloud exploration proposal
 - b. Reviewed RFP document for web re-design and attended a meeting to finalize by Friday.
 - c. Working on various Carson odds and ends
 - d. More work transferring Rich work/knowledge through meetings
 - e. Meeting with Todd R to discuss managing external service accounts and broader context of how to handle our interactions with external services, security and intellectual property rights.
 - f. With a lot of help from Cindy, getting Diana's office set up and ready for her return to work
 - g. Yet more meetings to discuss the fate of aircraft engine parts.
4. Andy Hamilton
 - a. Board meeting preparations
5. Kent Headley
 - a. Dorado control issues
 - b. SRSC worked w/ Alana and Jim to develop slide concepts for board meeting
 - c. Waveglider Loop and Cross: Tom, Brian and Chris are helping me to get Loop and Cross code into test; not sure whether I'll make a test window at Sta M, but the code is being tested and will demo for Paul this week.
 - d. Misc admin
6. Denis Klimov

- a. We are doing testing of IFCB sampling protocols, with three fluids added to the internal compartments; calibrating beads, bleach, and biocide. Electrical tests for current and energy draw are completed. Mechanical integration to Power Buoy is under way; a hole in surface expression drilled, and IFCB housing initial test fit performed.
- 7. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
 - b. Some training on database creation, management, and optimization to improve understanding of EXPD DB
- 8. Doug Pargett
 - a. Solving some network problems
- 9. Rich Schramm
 - a. Continue transition documentation and meetings

Week 21

- 1. Duane Edgington
 - a. Group meeting May 24.
 - b. Dept zoom meeting / seminar May 26.
- 2. Kevin Gomes
 - a. Abstract slides and presentation
 - b. More dealings with the Navy to decide the fate of the engine parts
- 3. Kent Headley
 - a. SRSC activities
 - b. Met w Yui re LabView and other options for replacing existing lab automation
 - c. Misc admin
 - d. AUV code base review
- 4. Rich Henthorn
 - a. Division meeting
- 5. Eric Martin
 - a. Attending a 3-day course on Test Driven Development for Embedded applications.
- 6. Paul McGill
 - a. Contacted WHOI about Lithium battery design policies in place there
- 7. Doug Pargett
 - a. meeting
- 8. Carlos Rueda
 - a. Attended most of the abstract presentations.
 - b. IE meeting.
 - c. ESIP Semantic Tech meeting.
- 9. Karen Salamy
 - a. 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.
 - b. Worked with some Mathworks license toolbox transfers for Kent H.
 - c. 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.
- 10. Brian Schlining
 - a. Attended CSUMB Capstone presentations from computer science students.
- 11. Rich Schramm
 - a. Continue handoff meetings and documentation.
 - b. Camlog expd data loads restored
- 12. Alana Sherman
 - a. Abstract presentations

- b. Strategic roadmap steering committee meeting

Week 20

1. Duane Edgington
 - a. Worked on Cloud abstract
 - b. Spinning up on Vue and JS.
2. Kent Headley
 - a. Misc admin
 - b. SRSC
 - c. Abstracts
 - d. Dorado code eval
 - e. Loop and cross waveglider search algorithm
 - f. Conversation w Yui re LabView
3. Denis Klimov
 - a. Working on testing IFCB, tilt tests, current draw characterization, and drafting wiring for Power Buoy installation
4. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
 - b. Spent some time setting up new laptop
5. Eric Martin
 - a. Presented to 60+ 9th STEM students in the Oakland area last week, discussing Marine robotics and the associated challenges. They would like to follow up with a tour next year.
 - b. Test driven development class next week.
6. Carlos Rueda
 - a. Input to IE/IS abstract
7. Karen Salamy
 - a. Continue with Rich Weekly Onboarding of Oasis3 Mooring work.
 - b. 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.
 - c. 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.
8. Rich Schramm
 - a. Continue transition work

Week 19

1. Danelle Cline
 - a. Our paper was finally reviewed (took a long time due to Covid) “Automated classification of fauna in seabed photographs: the impact of training and validation dataset size, with considerations for the class imbalance,” to be published in the [Progress in Oceanography Journal](#). Responded to feedback along with the other co-authors Jennifer Durden, Henry Ruhl, and William Hosking.
2. Duane Edgington
 - a. Engineering Dept biweekly telecon
 - b. Weekly group meeting
3. Kevin Gomes
 - a. Hiring
 - b. Abstracts
4. Kent Headley
 - a. SRSC

- b. Hiring input
 - c. Engineering meeting
 - d. Budget
 - e. Misc admin
- 5. Rich Henthorn
 - a. Engineering meeting
- 6. Brent Jones
 - a. Engineering meeting
 - b. COVID testing
- 7. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
 - b. Spending a little bit of time setting up new computer
- 8. Craig Okuda
 - a. Lab clean up
 - b. Misc planning
- 9. Doug Pargett
 - a. Usual meeting
 - b. Battery safety review meeting
- 10. Brian Schlining
 - a. Met w/ Rich and Diana to discuss rovctd data servlets
- 11. Alana Sherman
 - a. Attended CPF high density battery pack design review and follow up conversations

Week 18

- 1. Duane Edgington
 - a. Project proposal 2022 workshop on May 4
 - b. Seminar May 5
- 2. Kevin Gomes
 - a. Group meeting
 - b. Met with Mike K to discuss Packard planning
 - c. Bug fixes and other for Carson/Navproc/Dataprobe related stuff
- 3. Kent Headley
 - a. SRSC meeting
 - b. Hiring input
 - c. Seminars
 - d. Dorado code review
- 4. Rich Henthorn
 - a. Proposal kickoff
 - b. Updating Windows machines
- 5. Scott Jensen
 - a. Gaining experience with PCB editor
- 6. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
- 7. Craig Okuda
 - a. Misc succession planning
- 8. Carlos Rueda
 - a. IE meeting.
 - b. Proposal Process Workshop.
 - c. ESIP Community Ontology Registry meeting. Wrote a python script to help admins with some registry "maintenance" tasks: [misc.py](#)
 - d. Dr. Kendall Moore seminar (excellent).

9. Karen Salamy
 - a. Continued weekly meetings with Rich and Danelle on Rich succession planning tasks.
 - b. Wrote a script to determine is stale vipr lock files on coredata system.
 - c. Helped several CVS users access their accounts (forgotten passwords).
10. Brian Schlining
 - a. Continue to meet with CSUMB capstone students.
11. Rich Schramm
 - a. Continued meeting on knowledge transfer.
12. Alana Sherman
 - a. Attended Kendall Moore's seminar
 - b. Wrote job description for EE position
 - c. Attended PI meeting to discuss microbiology PI position

Week 17

1. Duane Edgington
 - a. Engineering meeting April 27.
 - b. Seminar April 28.
2. Jon Erickson
 - a. Quest - is interested in pursuing a motorized subsurface mooring at MARS. Trying to scope that design.
3. Kevin Gomes
 - a. Working on debugging issues with Navproc/Dataprobe/etc.
 - b. COVID test to shorten 14 day quarantine to 9.
 - c. Job description work and submission.
 - d. More work with Navy on aircraft engine report and parts decision. Took possession of parts for Chris Grech.
 - e. A little more work on CSS for EDNA graphic on website
 - f. Meeting with Mike Kelly to talk about planning for the David Packard
4. Scott Jensen
 - a. PCB editor, Orcad and EDM configuration
5. Denis Klimov
 - a. Installing and testing IFCB; helping organizing remote training session with MacLane
6. Diana LaScala-Gruenewald
 - a. Weekly meeting(s)
7. Craig Okuda
 - a. Misc wireless system clean up
8. Doug Pargett
 - a. Seminars
9. Ben Raanan
 - a. PE search
10. Carlos Rueda
 - a. Engineering meeting.
 - b. ESIP Semantic Technologies meeting. They may be requesting some of my time to perform some upgrades in the ORR software stack and/or the COR instance in particular. Details TBD.
11. Rich Schramm
 - a. Continue transition meetings and documentation tasks

Week 16

1. Duane Edgington
 - a. Group meeting
 - b. Starting "Kubernetes in a month of lunches"

- c. MBARI seminar April 21
- 2. Jon Erickson
 - a. Spent one day tank testing with the Quest group and Craig Dawe for their Mars deployment.
- 3. Kevin Gomes
 - a. PE Hiring committee
 - b. Working with group on job description
 - c. Group meeting(s)
 - d. Small amount of effort monitoring/tweaking navproc/datamanager/dataprobe stuff on Carson
 - e. Weekly meeting with Todd R.
 - f. Some follow up with Navy/sanctuary related to aircraft engine
- 4. Kent Headley
 - a. SR committee meeting
 - b. PE hiring committee meeting
 - c. Site access policy questions
 - d. Multi-vehicle sim design review
 - e. Home network issues (AT&T outage)
- 5. Mike McCann
 - a. Group and ROVCTDO meetings
- 6. Craig Okuda
 - a. Lab clean up
 - b. Misc wireless system clean up
- 7. Doug Pargett
 - a. Seminars
- 8. Carlos Rueda
 - a. IE meeting.
 - b. My new laptop seems now in pretty good shape.
 - c. Migrated a bunch of my git repositories to use "main" as the primary branch name.
- 9. Brian Schlining
 - a. Continue to meet with CSUMB capstone students

Week 15

- 1. Francois Cazenave
 - a. Helping Chad with BOSS maintenance
- 2. Jon Erickson
 - a. A second drawing check for MARS MVC
- 3. Kevin Gomes
 - a. Support for first ROV dive on new navproc/datamanager/dataprobe
- 4. Kent Headley
 - a. Resource requests
 - b. Strategic roadmap
 - c. PE hire input
 - d. Off hours: working on wave glider loop and cross
- 5. Scott Jensen
 - a. Answered a question about Building G
- 6. Chad Kecz
 - a. Helping the BOSS crew troubleshoot their downward looking camera. I'm not able to replicate their problem (works fine in lab). It might be a pressure related issue with the Subconn cables - ongoing.
- 7. Brian Kieft
 - a. Heading for covid testing and shot #2 this week.
- 8. Eric Martin
 - a. PE Candidate interview writeups

- b. AUV Engineering Hiring Committee
- 9. Mike McCann
 - a. Helped IS figure out a problem with email sent from Linux servers to Sympa lists
 - b. Meeting about ROV oxygen data handling
- 10. Craig Okuda
 - a. Mt Toro maintenance
- 11. Carlos Rueda
 - a. Setting up my new laptop, which is taking more time than expected (well, not surprisingly, really) mainly due to weird issues involving sudo commands, which prevented the indispensable homebrew tool from installing. More recently, upon multiple retries, homebrew is now finally installed. But a proper solution is still pending. Thanks Doug for assistance.
 - b. Engineering mtg.
- 12. Karen Salamy
 - a. Continued with weekly Onboarding meetings with Rich and Danelle
 - b. Began transferring recorded ZOOM meeting files of Rich's knowledge transfer to google drive
 - c. Continued trying to figure out the issue between the kahuna SVN repository and the SmartSVN client since the most recent server upgrades.
 - d. Helped Kent access a project on the moonjelly CVS repository.
 - e. Reached out to Jared F. For the new M1 turn instrument list.
 - f. Engineering Meeting.
- 13. Brian Schlining
 - a. Continue to meet w/ CSUMB capstone students working on [Cthulhu](#) and [Kassogtha](#)
 - b. Interview w/ Giancarlo

Week 14

- 1. Jon Erickson
 - a. Print check for MARS MVC
- 2. Kevin Gomes
 - a. Group meeting
 - b. Knowledge transfer with Rich (navproc/DM/MARS)
 - c. Meeting with Todd W to talk multimedia room stuff in new Bldg G.
 - d. Weekly meeting with Todd R
 - e. AWS Support
- 3. Kent Headley
 - a. PE Interview: Giancarlo Troni
 - b. Working on engineering hiring plan section on hiring and recruitment
 - c. SRSC: no activity this week
 - d. Chiming in on OA mooring data recovery
 - e. (off the clock) Working w/ Paul M. on Loop and Cross software refactor concept and state machine (in progress)
- 4. Scott Jensen
 - a. Supported building G programming questions
- 5. Eric Martin
 - a. DMO AUV hiring committee
 - b. PE second round interviews
- 6. Carlos Rueda
 - a. IE meeting. Discussion about "Software Engineering" position description.
 - b. Got my new laptop, with just basic standard software as intended; so I'll be going through a lot of settings (env vars, aliases, etc.), many installs, and the setup of multiple bitbucket and github repository clones, how fun!
- 7. Karen Salamy

- a. Continuing Onboarding of Oasis operations with Rich and Danelle. We diagnosed an M1 download issue this morning and M1 data is downloading again.
 - b. 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.
 - c. 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.
8. Brian Schlining
- a. Brian published the latest [polynote](#), an interactive Scala notebook created by Netflix, as a docker container.
 - b. Brian is involved with interviews for the Principal Engineer position.
 - c. [Continue to work](#) with CSUMB capstone students.
9. Alana Sherman
- a. Proposal reviews for DOE
 - b. Seminar for WHOI AOP&E department on Weds am
 - c. Seafloor processes PI hire interview

Week 13

- 1. Jon Erickson
 - a. Working on JIm Jenkins notes for anode calculations using DNV Standard.
 - b. Checking Thermal design for MARS MVC (Craig Dawe).
- 2. Kevin Gomes
 - a. Working with Mike Risi and Rich to get ready for new navproc, datamanager, logging, dataprobe cut over scheduled for tomorrow 4/1 on the Carson.
 - b. Group meetings
 - c. Engineering meeting
 - d. More quarterly group meetings
 - e. Starting job description for new hire
 - f. Working on PCO request to re-scope projects
- 3. Kent Headley
 - a. SR meetings
 - b. PE interview prep
 - c. Dorado codebase build support
 - d. Engr hiring plan section draft
 - e. Resource requests (loop and cross search development for mcgill/K Smith, IFC M1 integration support for F Chavez)
- 4. Diana LaScala-Gruenewald
 - a. Getting familiar with docs and new software
- 5. Eric Martin
 - a. PE Candidate interview prep
- 6. Craig Okuda
 - a. Troubleshoot failed microwave link
- 7. Doug Pargett
 - a. Engineering meeting
 - b. Seminar
- 8. Carlos Rueda
 - a. IE meeting
 - b. Met with Leila Takayama to discuss possible future collaborations.
- 9. Karen Salamy
 - a. Continued work on Rich S responsibilities succession plan. Began configuring files on coredata server for next M1 June 14 (202106) Oasis 3 Mooring deployment.

- b. Working with Pat and Neil on SVN repo connection issues with SmartSVN client
 - c. Looking into a text editor app for Precruise form.
10. Brian Schlining
- a. Met with developers at [Innotescus](#). They're working on an on-line image and video annotation platform. Brian has been providing feedback to help them better target their platform for the science community. Brian has a free team account, if you're interested in trying out their platform contact him.
 - b. Met w/ Leila Takayama to discuss potential collaborations on annotation tools.

Week 12

1. Duane Edgington
 - a. Quarterly checkup meeting.
2. Jon Erickson
 - a. Two days with Quest in the tank for the MARS node simulator. Never did find the ground fault.
3. Kevin Gomes
 - a. Main body of work has been getting ready for navproc and data probe deployment on Carson. We were set to do our first ROV deployment tomorrow (Thursday) but the dive was cancelled. That puts us in a bind to get any kind of test dive so we are looking to make the change over to the new navproc system on April 1 to make sure we have sufficient run time before Rich retires.
 - b. Holding quarterly meetings with my group members this week
 - c. Some AWS assistance
4. Kent Headley
 - a. Strategic Roadmap meetings
 - b. Updated OS (and build tools) on main development machine
5. Brian Kieft
 - a. Eng meeting
6. Eric Martin
 - a. Hiring interviews for Dorado Engineer through yesterday, one more to go.
7. Thom Maughan
 - a. Windows update caused several hours of debug on a dual boot development machine. Painful timing.
8. Craig Okuda
 - a. Wireless system planning
9. Doug Pargett
 - a. Seminar
10. Brent Roman
 - a. Updated a bunch of desktop Linux machines from Debian "stretch" to "buster" and "bullseye"
 - b. Stopped using the xfce4-power-manager
11. Carlos Rueda
 - a. Check-in meeting; Chris Bertish Seminar; Fidelity presentation
12. Karen Salamy
 - a. Continued work on Rich S responsibilities succession plan
 - b. Working on some scripting for miniROV work
 - c. Looking into a text editor app for Precruise form.
13. Brian Schlining
 - a. Continue to meet with CSUMB capstone students working [Cthulhu](#)
 - b. Discussion with Kathy Dunlop (now at Havforskninginstituttet in Norway) about setting up the older VARS system.
 - c. Discussion with Kara Eckley about running older VARS on Windows
14. Rich Schramm
 - a. Continue meeting w/ Danelle and Karen Salamy on Oasis3 handoff

Week 11

1. Danelle Cline
 - a. OASIS onboarding meeting cancelled this week; will resume next week.
2. Duane Edgington
 - a. Engr group meeting March 16
 - b. Group meeting March 15
3. Jon Erickson
 - a. Spent yesterday with Quest for a Mars connection test, Next Monday is a Test Tank wet test.
4. Kevin Gomes
 - a. Working with Rich and Mike Risi to do a full test of the new navproc, datamanager, logging, dataprobe stack of software and deployed on the Carson on Wed (3/17). Successful test, old system back online and we will work to make more changes and run down some strange bugs with serial ports. Goal is to deploy for real, possibly next week on a MARS ROV cruise.
 - b. Assisted Diana's start with our group
 - i. Aqua Data Studio purchase
 - ii. ClickUp purchase
 - iii. PyCharm purchase
 - iv. One-on-one meeting
 - v. Working on LinkedIn Learning membership
 - vi. Working on Matlab license
 - c. Group meeting mostly to discuss strategic roadmap
 - d. Gave my input on strategic roadmap
 - e. Small amount of AWS help on a couple of different fronts
 - f. Follow up from hosting joint meeting with WHOI/IS/SE-IE
 - g. Joe Gomez added links to our MkDocs driven documentation to the Canyon Head.
5. Rich Henthorn
 - a. Engineering meeting
6. Eric Martin
 - a. Dorado Engineer hiring committee is conducting interviews this week.
7. Craig Okuda
 - a. Research Microwave replacement
8. Carlos Rueda
 - a. WHOI / IS meeting.
 - b. IE meeting
 - c. Engineering meeting.
 - d. Input to strategic roadmap documents.
 - e. More improvements to the docs.mbari.org system (see [meta-documentation](#)).
 - f. No much luck with the macbook M1 loaner, especially because of limited support for docker and for the thunderbolt monitors that I currently use (they become practically unusable). So, moving ahead with an intel-based macbook for computer upgrade (already ordered, thanks Doug).
9. Karen Salamy
 - a. Continued work on Rich S responsibilities succession plan.
 - b. Working on some scripting for miniROV work
 - c. Looking into a text editor app for Precruise form.
10. Alana Sherman
 - a. Meeting with Flaad for new building G
 - b. Meeting to discuss mentoring brown bag follow up

Week 10

1. Francois Cazenave

- a. Talking with former post doc Ryan Portner about collaboration on sediment trap for Axial eruption
 - b. Talking with Yui about taking over Mike Parker's design work.
2. Duane Edgington
 - a. Group meeting March 8
 - b. Director's Dialog (watched March 9)
 - c. Giancarlo Troni Seminar March 10
3. Kevin Gomes
 - a. Starting my role as third wheel/fly on the wall for the navproc/datamanager upgrade work that Mike Risi and Rich are doing.
 - i. Will try to meet Mike R on boat next week to observe his bring-up of test environment
 - ii. Working on XOJO DataProbe to test on new NP/DM system
 - iii. Met with Mike R to discuss NP/DM and future plans
 - b. Migrated more docs to se-ie-doc for MiniROV data processing
 - c. Started digging into MiniROV divelog XOJO app to make sure I can compile, run and build.
 - d. PE Interview
 - e. Joined (briefly) zoom meeting with Greensea to get an idea of status and plans for upgrade of control system servers and hardware
 - f. Briefly tuned in to meeting with Rich, Karen and Danelle re: mooring turn knowledge transfer.
 - g. LastPass trial with Group and IS that ends this Friday and will follow with discussion from their sales team on pricing
 - h. Group meeting to discuss:
 - i. Welcome Diana!
 - ii. Joe Gomez gave a demo of some Elasticsearch based monitoring software he has been working on for infrastructure monitoring that we might be able to leverage too.
 - iii. Discussion about docs.mbari.org and suggestions
 - i. Weekly meeting with Todd to discuss IS/SE IE topics
 - j. Meeting with WHOI IT/App development groups tomorrow.
 - k. Meeting with Aquafold Sales to discuss group/non-profit licensing for Aqua Data Studio and did not get very far. Probably will just manage individual licenses as needed for now.
 - l. Got Lonny set up in AWS with proper permissions and access ID and secret key for VAA work.
4. Rich Henthorn
 - a. Director's Dialog and Safety Meeting
 - b. Troni Seminar
5. Scott Jensen
 - a. Answered a few questions about the new building
6. Chad Kechy
 - a. Hosted the BOSS team from MLML at the test tank to assist them with their pre-deployment calibration.
7. Thom Maughan
 - a. Reviewing intern applications
8. Paul McGill
 - a. Started PCB Designer online courses. Trying to finish OrCAD online courses before they expire on April 3.
9. Doug Pargett
 - a. Director dialog and Wednesday seminar
10. Carlos Rueda
 - a. IE meeting.
 - b. More improvements to the engine behind docs.mbari.org. [Documentation](#) updates.
 - c. Director's Dialog.
 - d. Giancarlo Troni's seminar.
 - e. Just got an M1 based Macbook loaner (thanks Doug C.) to verify compatibility aspects prior to proceeding with a computer upgrade. One of the main concerns is Docker... and in fact, already having issues to run the dockerized TethysDash system.

11. Karen Salamy
 - a. Worked with Teresa on some text formatting issues with the pre-cruise web forms
 - b. Continued working on MBsystem replacement script for the mini ROV nav
 - c. 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.
12. Brian Schlining
 - a. Responded to forward looking video storage and encoding information request from CSIRO
 - b. Responded to a request for assistance with older VARS from a student at University of Texas Rio Grande Valley.
 - c. Attended telecon about running [Hasura](#), a graphql server, on top of SQL Server
 - d. [Restructuring CSUMB student's project](#). Some students are having issues running [Cthulhu](#) on their Linux systems.
 - i. Wrote a couple of [simple demo apps](#) for simulating and working with Cthulhu. Needed to help the students get some traction:
 1. <https://github.com/mbari-media-management/ghroth>
 2. <https://github.com/mbari-media-management/oryx>
 - e. Meetings! so many meetings.
13. Rich Schramm
 - a. Continue various transition documentation/handoffs
14. Alana Sherman
 - a. Had 4th interview for new PE hire.

Week 9

1. Danelle Cline
 - a. OASIS Onboarding meeting with Rich and Karen to discuss mooring turnovers
2. Kevin Gomes
 - a. Working with Rich on transitioning more systems
 - b. Weekly call with Todd to talk IS/SE-IE stuff
 - c. Finished script and runs for image extraction and watermarking for Jenny P for rock samples going to American Museum of Natural History
 - d. Scheduled meeting with WHOI IT/App dev group (SE-IE and IS involved)
 - e. Group meeting
 - f. Some AWS management overhead
 - g. Assisting with LastPass trial
 - h. Mkdocs site development and theme change to material
3. Kent Headley
 - a. Developing notes on SR and hiring
4. Rich Henthorn
 - a. COVID test at ARCPPoint for Carson cruise
5. Craig Okuda
 - a. Work on microwave/wireless doc
6. Brian Schlining
 - a. Continue working with CSUMB capstone students.
7. Rich Schramm
 - a. Continue knowledge transfer to various member of the team, writing docs etc
8. Alana Sherman
 - a. PE interview #3 was last week

Week 8

1. Danelle Cline
 - a. Meeting planned with Rich and Karen Friday at 11 for OASIS download/config onboarding.
2. Kevin Gomes
 - a. Coordinating meeting between my group, IS and WHOI IT/app dev
 - b. More transitioning work with Rich: MARS data management this time
 - c. Finished framegrab extraction for Jenny
 - d. Working on planning for LastPass evaluation for my group/MBARI
 - e. PE Interview
 - f. AWS cost management stuff
 - g. Finished scheduling group touch point meeting for 2021
 - h. Sat in on MHKDR data management to help Andy
3. Kent Headley
 - a. Strategic roadmap
 - b. Covid test for possible march cruise
 - c. Meet w Paul re Loop and Cross algorithm development support
 - d. Misc admin
4. Rich Henthorn
 - a. AUV seminars
5. Scott Jensen
 - a. On going EDM implementation troubles.
6. Eric Martin
 - a. PE applicant seminars attended.
7. Carlos Rueda
 - a. Enabled logging to a Slack channel for the generator that powers docs.mbari.org. Updated related [documentation](#), and improved the cronjob script that generates the listing of sites.
 - b. Attended seminars (Toward a More Human-Centered Robotics for Ocean Science; Virtual Environments to Support Development of Ocean Autonomy).
8. Brian Schlining
 - a. Contributed 1st sets of docs to docs.mbari.org. A shout out to Carlos for his help with that. It's a pretty slick way to publish documentation.
 - i. <https://docs.mbari.org/internal/m3-registrar/index.html>
 - ii. <https://docs.mbari.org/internal/m3-merge/index.html>
9. Alana Sherman
 - a. Two more interviews for the new PE position
 - b. Sent off RFQ for Li-ion battery training and reviewing quote for battery safety team
 - c. Renewed TWIC card

Week 7

1. Duane Edgington
 - a. Continuing training in AWS Container infrastructure, including ECS and AWS Secrets Manager
2. Kevin Gomes
 - a. Transitioning work with Rich
 - b. Met with Doug Conlin to get an account set up on Rich's surface so I could work on it.
 - c. Negotiated 50% cost savings on DockerHub
 - d. Worked with ClickUp to get non-profit pricing and testing it out per the recommendation of others who have worked with it.
 - e. Still working on framegrab extraction for Jenny and AMNH. Need to change the watermark and figure out why the overlay is dropping the metadata from the image.
 - f. Scheduled most of the check in meetings with my group.

- g. Closing up performance reviews
 - h. Trying to coordinate follow up meeting with WHOI IT/App development for sharing knowledge
 - i. Working with Todd R to evaluate LastPass as a possible group password management tool.
 - j. PE Interview
- 3. Kent Headley
 - a. Review wrap up
- 4. Rich Henthorn
 - a. Engineering meeting
- 5. Brian Kieft
 - a. Finished first aid/cpr/bbp
- 6. Thom Maughan
 - a. Attended Teri Lampoudi seminar
 - b. Forwarded Principal Eng. job description to a candidate. Forwarded to NTNU as well.
- 7. Mike McCann
 - a. Engineering meeting
- 8. Craig Okuda
 - a. Prepare doc on MBARI wireless infrastructure
- 9. Doug Pargett
 - a. Engineering meeting
- 10. Ben Raanan
 - a. Interviewed in CalPoly podcast
- 11. Carlos Rueda
 - a. Engineering meeting.
 - b. ESIP COR [maintenance](#).
- 12. Karen Salamy
 - a. Began scripting new code to try and replace the MBSysystem component of the MiniROV Nav computation.
 - b. Spoke with Rich S. yesterday at length regarding maintaining the miniROV downloads, data locations, script locations, etc and how to troubleshoot when issues arise.
- 13. Brian Schlining
 - a. Migrating issue and project tracking to [ClickUp](#). Brian has run migrations of issues from JIRA into ClickUp.
 - b. Reviewed CSUMB capstone students project proposal.
- 14. Rich Schramm
 - a. Continue knowledge transfer and documentation (minirov data management)
 - b. Knowledge xfer to Karen Salamy for minirov data management. Kudos to Karen for stepping up!
- 15. Alana Sherman
 - a. Brown bag meeting on mentoring, plus planning and follow up meetings
 - b. First interview for PE position
 - c. Conversation with Li-ion battery consultant for safety trainings and pack reviews, working on RFQ

Week 6

- 1. Kevin Gomes
 - a. Developing script for Jenny P that walks through excel spreadsheet of the samples that were sent to the American Museum of Natural History and extracts the framegrabs, watermarks them so that they can be included in a data dump that is going to the AMNH.
 - b. Succession planning
 - c. Started a mkdocs site for SE IE documentation (focused on Rich transitioning). Added a couple of Rich's documents here:
 - i. <https://docs.mbari.org/internal/se-ie-doc/support-docs/history-tables/>
 - ii. <https://docs.mbari.org/internal/se-ie-doc/support-docs/new-year-rollover/>

- d. Working with Rich to document and transition the new navproc datamanager logging software. Early version of the documentation can be found at <https://docs.mbari.org/internal/se-ie-doc/systems/navproc-datamanager/>
- e. Working with Rich to document and transition the DiveLog XOJO application(s). Transition documentation here: <https://docs.mbari.org/internal/se-ie-doc/systems/divelog/developers-guide/>
- f. Meetings for strategic roadmap planning
- g. Hiring committee stuff
- h. Performance review wrap up stuff
- i. Group meeting - Rich transition focus
- j. Got TWIC card renewed
2. Kent Headley
 - a. Review wrap up
 - b. Site access
 - c. Misc admin
 - d. Investigating OA2 telemetry issues with OASIS team
3. Rich Henthorn
 - a. 2021 Sea Lion Bowl Sat Feb 6, carried out very well with Zoom and Remo
4. Scott Jensen
 - a. A few awkward moments with PCB editor learning the intricacies of layout
5. Brent Jones
 - a. Took first aid/CPR/BBP training to maintain Paragon Captain status
 - b. Did MBARI yearly safety training
6. Brian Kieft
 - a. Covid test, CPR cert, BBP cert, TWIC, Appendix A, self cert
7. Thom Maughan
 - a.
8. Paul McGill
 - a. Got TWIC renewed.
 - b. Edited third draft of Ti trade publication article.
9. Carlos Rueda
 - a. Attended Teri L.'s seminar, "operational multi-robot systems for science"
 - b. IE meetings
 - c. Hazard Communication training
10. Brian Schlining
 - a. Brian has been trying out [ClickUp](#) for project management and issue tracking. Looks like an excellent alternative to Jira/Trello/etc/
 - b. Assembling materials and docs need by CSUMB capstone students to begin working on [Cthulhu](#). Reviewed student project proposal
 - c. [Complete migration of UH's VARS database to a new server](#).
11. Alana Sherman
 - a. Preparing for brown bag on mentoring
 - b. PE interviews
 - c. Eng supervisors meeting

Week 5

1. Danelle Cline
 - a. Meeting planned with MBAQ MBA to discuss contributing to the "Into the Deep" virtual exhibit
2. Duane Edgington
 - a. Group meeting, Engineering Dept Zoom meeting
 - b. Continuing AWS course on Containers on AWS
3. Kevin Gomes

- a. Worked with Rich on transitioning more knowledge about the datamanager/logger systems on the boats (new version) as well as XOJO apps related to that effort.
 - b. Finished up performance reviews
 - c. Succession planning
 - d. Hiring committee
 - e. AWS assistance
- 4. Kent Headley
 - a. Review wrap-up/meeting
 - b. Strategic Roadmap kickoff
 - c. Engineering meeting
 - d. On-site schedules
 - e. OGC meeting (steve liang) interoperability and mission planning standards ..Kongsberg SUIT/JAUS/4586/MAVLINK/DDS, O'Reily on MBARI managing autonomous fleet/MXM(mission execution mediation)
- 5. Rich Henthorn
 - a. Prep for Sea Lion Bowl
 - b. Engineering meeting
- 6. Scott Jensen
 - a. PCB Editor on the job training.
- 7. Brian Kieft
 - a. Eng meeting
 - b. Review meeting
- 8. Thom Maughan
 - a. Tatjana Ellis, former intern, is conducting podcast style interviews for engineers and scientists.
- 9. Mike McCann
 - a. Installed symantec updates on MacOS systems
 - b. Re-creating MacOS ssh keys to regain Vagrant login and remote repo push capabilities
- 10. Ed Mellinger
 - a. Dug out some old Tiburon documentation regarding the GF system for DJ Osborne, as input to a study he and Paul McGill are doing for Ventana.
- 11. Doug Pargett
 - a. Annual Review
 - b. Engr meeting
- 12. Brian Schlining
 - a. University of Hawaii has been using VARS for quite some time. They are in the process of migrating their VARS system to a new server. Brian is assisting with the migration.

Week 4

- 1. Mark Chaffey
 - a. Annual review.
- 2. Kevin Gomes
 - a. Performance reviews
 - b. Transition and succession planning work
 - c. WHOI IT/App developer follow up
- 3. Kent Headley
 - a. Review meetings and related admin
- 4. Chad Kechy
 - a. Had my annual review
- 5. Eric Martin
 - a. Review with Alana.
- 6. Thom Maughan

- a. Review
7. Mike McCann
 - a. Evaluation
 - b. Group meetings
8. Rob McEwen
 - a. Annual Review
9. Paul McGill
 - a. Annual evaluation with Alana.
 - b. Updated the OS on my laptop after many backups.
 - c. Jon E. and I had Zoom meeting with International Titanium Association, who want to publish an article about our uses of Ti for our projects.
10. Carlos Rueda
 - a. "Rich system" and potential new hire discussions.
11. Karen Salamy
 - a. Had annual evaluation meeting with Kevin G.
 - b. Attended group discussion on Rich S's daily responsibilities and potential replacement needs for when Rich retires in a few months.
 - c. Met with Rich S. on separate ZOOM meeting to discuss what tasks he feels I should consider taking on after his retirement.
 - d. Looking into ways to incorporate a new script on coredat8 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.
12. Brian Schlining
 - a. Made many calls and had many meetings.
13. Rich Schramm
 - a. Code and cfg cleanup on Carson and Flyer navprocs
 - b. Continue documentation and knowledge xfer efforts
 - c. Revised datamanger/navproc build document
 - d. Participate in interviews
14. Alana Sherman
 - a. Almost all overhead this week. I wrote up and conducted all nine performance evaluations for the EE group.

Week 3

1. Duane Edgington
 - a. Engineering biweekly telecon
 - b. Group meetings
 - c. AWS presentation on new 1u and 2u small Outpost products (for local AWS presence on premise)
2. Jon Erickson
 - a. Met on site with Knute, Frank, and Ian. Settled on a mod to fix the docking head. Frank has the solids and is cutting metal.
3. Kevin Gomes
 - a. Working on several things related to transitioning Rich's work and replacement progress
 - b. Performance reviews
 - c. PE Hiring committee overhead
 - d. Final report for the Navy for the work related to the aircraft engine research (report is due at end of January)
 - e. Weekly sync meeting with Todd R.
 - f. Supervisor's meeting
 - g. Engineering meeting
 - h. Responded to question about ERDDAP hosting at MBARI for GO-BGC project

4. Kent Headley
 - a. Review prep and meetings
5. Rich Henthorn
 - a. Eval prep and meeting
6. Scott Jensen
 - a. Engineering meeting and evaluations.
7. Denis Klimov
 - a. Preparing materials for performance review
8. Eric Martin
 - a. Review material prep
9. Thom Maughan
 - a. Engineering Meeting
 - b. Review prep
10. Mike McCann
 - a. Reviewing Rich's responsibilities and replacement along with the group
11. Mike Risi
 - a. Finished review materials and submitted
12. Carlos Rueda
 - a. "Rich system" discussions
 - b. Engineering mtg
13. Karen Salamy
 - a. Filled out the MBARI Conflict of Interest Disclosure and Employee Cert
 - b. Attended Picture a Scientist Online Webex Panel
 - c. Attended Monday's Engineering meeting
 - d. Met with Kevin Gomes regarding the 2021 to discuss replacement responsibilities after Rich's retirement, this year's budget and assigned projects, etc.
14. Brian Schlining
 - a. IE group meetings to review Rich's project before he retires

Week 2

1. Danelle Cline
 - a. Submitted [project description](#) for CSUMB Spring Capstone project
 - b. Picture a Scientist Discussion Panel
2. Duane Edgington
 - a. Training: taking edX [Building Containerized Applications on AWS](#) course
 - b. Picture a Scientist Discussion Panel and Virtual Screening
 - c. Group meeting
3. Jon Erickson
 - a. Meeting Knute finalize the mod's to the docking head. Not sure what I can do more than I've done already.
4. Kevin Gomes
 - a. Performance review preparation
 - b. Succession planning
 - c. Picture a scientist movie and panel discussion
 - d. Group Meeting
 - e. Weekly IS-SEIE Meeting
 - f. ACM Webinar on large scale Time Series Databases
 - g. Applied for (and was granted) a non-profit annual credit of \$2000 for AWS costs that are now applied to the MBARI account.
 - h. Working on making final decision on Docker plan upgrade path
 - i. Helping with BitBucket and JIRA additions

5. Kent Headley
 - a. Annual Review Prep
 - b. Training: phishing security, Picture a Scientist Viewing
6. Rich Henthorn
 - a. Picture a Scientist
 - b. Eval materials
7. Scott Jensen
 - a. Picture a Scientist and Discussion
8. Brent Jones
 - a. Picture a scientist
 - b. Meetings
 - c. Helping write a proposal for OTIC NPS collaboration to put a particle sensor hydrophone on Spray
9. Chad Keczy
 - a. LabView exercises
 - b. Mandatory trainings on Tue & Wed
10. Brian Kieft
 - a. Review materials, picture a scientist, conflict of interest, staff council responses.
11. Eric Martin
 - a. Picture a scientist
12. Paul McGill
 - a. Ben E. and I had Zoom meeting with Karen Alley at Univ of Manitoba to advise her on using UAVs in polar regions.
 - b. Watched "Picture a Scientist" and attended discussion.
13. Doug Pargett
 - a. Training
 - b. Resolved an annoying Solidworks file bug.
14. Mike Risi
 - a. Review materials
 - b. Picture a Scientist Movie and discussion panel
15. Carlos Rueda
 - a. IE meeting.
 - b. Putting together work plans as availability of some resources are determined.
 - c. Picture a Scientist movie/panel discussion; Conflict of Interest and Sexual Harassment trainings.
16. Alana Sherman
 - a. Began review process, contacted all PMs and PIs for feedback
 - b. Watched the film "Picture a Scientist"

Week 1

1. Danelle Cline
 - a. Pulling together a project idea for the Cal Poly Deep Learning and Knowledge Graphs class
2. Duane Edgington
 - a. Group meeting
3. Kevin Gomes
 - a. Cleaned up the weekly report and updated with all the proper projects for engineers so the weekly report is ready to go for 2021.
 - b. Created new report to organize individual reports by project (as well as by time)
 - c. Final run of 2020 reports and cut over to new 2021 reporting.
 - d. Starting to organize for performance reviews
 - e. Working with Rich on transitioning planning
 - f. Group meeting
 - g. Beginning of year project planning and group budget reporting

4. Rich Henthorn
 - a. Engineering Meeting
 - b. Review preparation
5. Eric Martin
 - a. Wrapping up some end of year work on M3RS code w/ Lonny
6. Thom Maughan
 - a. DMO Support Ventana. The missing wago stack box was found on 5 Jan 2021 concluding a search that started Dec. 3.
7. Paul McGill
 - a. Set up meeting with Univ of Manitoba researcher who wants advice on operating UAVs in polar regions. Bringing Ben Erwin into the discussion.
 - b. Worked with Jose to set up OrCAD CIS access from my laptop
8. Craig Okuda
 - a. Misc purchasing and follow up
9. Doug Pargett
 - a. Meeting
 - b. Solidworks issues
10. Brian Schlining
 - a. Put together a 2021 work plan. Working on gannt chart to layout work for the year.
 - b. Responded to requests for information about MBARI's video annotation systems (M3, VARS):
 - i. Ross Griffin (Ocean Ecology Limited). Seeking to replace the UKs "Marine Recorder" system. Requested information about VARS as a possible replacement.
 - ii. Claire Laguionie Marchais (NUI Galway). Her lab is using an older VARS system; request for resolution to an issue they are hitting.
 - iii. Jonathan Howland (retired, working for Dana Yoerger at WHOI). Request for documentation for running M3 microservices
11. Alana Sherman
 - a. Sending out allocations for EE's hours, will work on review materials next.