

Kevin Gomes

Week 53

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
- Out of Office

Week 52

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
- Out of Office

Week 51

- 300057 - Mooring Maint
- 901009 - CANON
 - Migrated the /trackingdb API to the new container as I forgot to add it
 - Still chasing down very strange PostgreSQL queries that should be running fast, but are not
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Group Lead overhead
 - Met with ThreePoint contractor for their presentation on our digital/web strategy moving forward
 - Hiring committee
- Out of Office

Week 50

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng

- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
- Out of Office
 - Nov 23-25: Vacation

Week 49

- 300057 - Mooring Maint
- 901009 - CANON
 - Working on the ODSS upgrades off CentOS 6 which have been a nightmare, but finally having some breakthroughs with lots of help from IS
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Group lead overhead
- Out of Office
 - Nov 23-25: Vacation

Week 48

- 300057 - Mooring Maint
- 901009 - CANON
 - Working on migration of ODSS server from CentOS 6 to CentOS 8
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Working on Group Lead overhead issues
- Out of Office
 - Nov 23-25: Vacation

Week 47

- 300057 - Mooring Maint
- 901009 - CANON
 - Still trying to get the CentOS migrations complete.
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Group lead type overhead
 - Working on webhook to automate mkdocs generation on docs.mbari.org
 - AWS support
- Out of Office
 - Nov 23-25: Vacation

Week 46

- 300057 - Mooring Maint
- 901009 - CANON
 - Working on migrations from CentOS 6 to CentOS 8 for all four ODSS servers
 - Shutdown canonfishvm
- 901205 - ESP SURF Center
 - Migrated services.mbari.org and cut over to esp-portal
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Catalog work
- Overhead
 - AWS billing and management
 - SSDS hand holding to get AUV data processing through
 - Succession planning
 - Budget stuff
 - Revisiting docs.mbari.org/mkdocs for succession planning documentation
- Out of Office

Week 45

- 300057 - Mooring Maint
- 901009 - CANON
 - CentOS6 to CentOS 8 Migration
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Group Budget
- Out of Office

Week 44

- 300057 - Mooring Maint
- 901009 - CANON
 - Working on ODSS migrations from CentOS 6 to 8 (odss-test, normandy, malibu and zuma)
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Migration of services.mbari.org from CentOS 6 to 8 (moved ESP Portal to esp-portal.mbari.org)
- Out of Office

Week 43

- 300057 - Mooring Maint
 - Small amount of troubleshooting for M1 CTD

- 901009 - CANON
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
 - Some AWS support for Cal Poly students
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Trying to come up with generic way to store time series data from LRAUV, Dorado, etc. into a TimescaleDB that can be then connected to ERDDAP/THREDDS.
 - Data Catalog extraction from various legacy systems.
- Overhead
 - Migration of ODSS servers because IS is retiring CentOS 6 and we have to move to CentOS 8 and spending all my time on this. Progress is VERY slow.
 - Working to transition some of Rich's work to me.
 - Teleconference with Threespot who is working to construct an RFP for future work to revamp our digital presence (social media, web site, etc.)
 - Slide preparation for Board Meeting (project updates)
- Out of Office

Week 42

- 300057 - Mooring Maint
- 901009 - CANON
 - Experiment support
 - Slack support
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
 - Helping with AWS related stuff
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Resurrected code that does metadata extraction from multiple system for model development around Activity concept
 - Data catalog API/GraphQL
- Overhead
 - Working on gaining familiarity with the Ship/ROV data processing
- Out of Office
 - Was on vacation last two days of last week (Oct 8/9)

Week 41

- 300057 - Mooring Maint
 - Some SSDS metadata maintenance
- 901009 - CANON
 - Support for experiment
 - ODSS development
- 901205 - ESP SURF Center
 - Some small support for WHOI deployments
- 901502 - Passive Acoustic Sensing
 - Working on data sharing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration

- 901915 - Improving MBARI Data Impa
 - Working on data catalog (VueJS, GraphQL, etc.)
- Overhead
 - Meetings for web site re-do
 - Various meetings on security issues, audits, etc.
 - Support on AWS on various fronts
- Out of Office
 - Oct 8-9: Vacation

Week 40

- 300057 - Mooring Maint
- 901009 - CANON
 - Some prep for deployments and CANON experiment
 - ODSS development (new version)
- 901205 - ESP SURF Center
 - Setup and configuration for helping with WHOI ESP deployments and the ESP portal
- 901502 - Passive Acoustic Sensing
 - Moved LTSA web site to S3 and am evaluating performance and looking to enable SSL, Route53 DNS entry and enabling CloudFront, then testing performance again.
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Catalog API work and enabling Firebase auth for APIs
- Overhead
 - Working with Todd on external security audit
 - Attending and preparing for assistance with another run at web site overhaul
 - Some AWS attention, quota changes, event bridge modifications, etc.
 - Wrapping up 2021 proposal stuff
- Out of Office

Week 39

- 300057 - Mooring Maint
- 901009 - CANON
 - Starting on a VueJS based ODSS interface as a client for data catalog
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
 - Some meetings and small amount of AWS stuff
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Data catalog work (API, Apollo/GraphQL, etc.)
- Overhead
 - Some IS related work (docker, CentOS versions, system restarts/upgrades)
 - More AWS work on alerts and security
 - Requested quota increase (granted) on SageMaker related AWS resources
 - Working with Rich on transition plans, docs and process/projects
 - Group Meeting
- Out of Office

Week 38

- 300057 - Mooring Maint
 - Finished all the metadata plumbing to get data QC processes running again
- 901009 - CANON
 - A little prep for CANON experiment coming in October
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
 - Meeting to discuss AWS plans
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Working on VueJS, Firebase, Apollo and GraphQL to start on the UI side of the data catalog
- Overhead
 - IS Sync meeting
 - Worked on converting Apache OpenIDC module conversion from Auth0 to Firebase (just Google accounts actually)
- Out of Office

Week 37

- 300057 - Mooring Maint
 - Mt. Toro came back online so checking all the SSDS data pipelines and tidying up metadata
- 901009 - CANON
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Data catalog work
- Overhead
 - Working on authentication research to try and close in on decision
 - Some proposal/budget work
 - Other overhead
- Out of Office

Week 36

- 300057 - Mooring Maint
 - Set up SSDS data processing pipeline for M1 turn
 - Troubleshooting M1 data flows and Mt. Toro went down again, Craig thinks it's the UPS and will replace next week.
- 901009 - CANON
 - Starting up data catalog work again
 - Some support for ODSS
- 901205 - ESP SURF Center
 - Helping with some requests for the ESP portal
- 901502 - Passive Acoustic Sensing
 - Created an AWS account for the public data sharing, registered it with Amazon's Organization, created user and set up security policies to limit to S3 activities only.
 - Created S3 buckets using CloudFormation templates provided by the AWS data sharing team
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration

- 901915 - Improving MBARI Data Impa
 - Converting the API for data catalog to GraphQL and starting on VueJS app to facilitate API development.
- Overhead
 - Phase 2 Resource Leveling and Review
 - Helping Jenny with a request for some data extractions from Samples DB for the rock samples that went to the Smithsonian.
 - Weekly sync meeting with Todd R.
 - Restarting services due to IS restart of Dione and server patching.
- Out of Office

Week 35

- 300057 - Mooring Maint
 - Switched location beacon processing for M1 turn
 - Working on SSDS processing set up for M1 turn (mooring was deployed blind since no Mt. Toro)
- 901009 - CANON
- 901205 - ESP SURF Center
 - Troubleshooting some portal issues
- 901502 - Passive Acoustic Sensing
 - Created an AWS account and AWS connected the account to their data sharing organization where they will pay to host the Soundscape data for public consumption.
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Finally getting back to catalog work in earnest. Was able to update extraction code to capture XMP tags from images from UAV for search in Elasticsearch.
 - Spinning up on GraphQL and looking to migrate catalog API
 - Working on authentication requirements and decision doc to get security decision done to start applying to catalog.
- Overhead
 - Working on many things for AWS to ensure we are doing things in the most secure way.
- Out of Office

Week 34

- 300057 - Mooring Maint
 - Troubleshooting Mt. Toro issues
 - Enabled OA2 deployment downloads
 - Trying to figure out mooring turn plans given Toro might be down past the mooring turn
- 901009 - CANON
 - Working ODSS related issues (comms issues with Carson really).
- 901205 - ESP SURF Center
 - More migrations of data and pretty much done. The MARS 2013 data set is giving some issues, but that is the last one.
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Working on data catalog capabilities to support UAV data catalog, query and registration in GeoServer. Working to support Tom's PDR which is tomorrow.
- Overhead

- Still working on AWS breach issue (fiscal and security)
- Working on implementing recommendations from AWS for breach prevention in the future
- Out of Office

Week 33

- 300057 - Mooring Maint
 - Starting to prep the SSDS side of things for the upcoming mooring turn
- 901009 - CANON
 - Some cleanup support and restart work on data catalog
 - Improving the tracking database to TimeZero data flow on the Rachel Carson
- 901205 - ESP SURF Center
 - More migration from services to esp-portal in an effort to migrate off CentOS 6
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Working on data catalog portion to test how well it will hold up to support image data management for UAV project.
- Overhead
 - Had an unauthorized access (and use by bitcoin miners) of our AWS infrastructure. Working with AWS to clean up and implement policies and procedures to lessen the chance of it happening again.
 - More work on weekly reports setting up list server to use to distribute reports.
 - Some overhead both in AWS and Slack for closing up items for interns
 - Working to move an effort along to finally choose an authentication provider
 - Reviewing IEEE paper: "Decomposition of Monolithic Applications into Context-Aware Systems: A Systematic Mapping Study"
 - A little more proposal related overhead (hours scenarios)
- Out of Office
 - Aug 3-5: Vacation

Week 32

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Proposal review and resource balancing
- Out of Office
 - Aug 3-5: Vacation

Week 31

- 300057 - Mooring Maint
- 901009 - CANON
 - Support for CANON experiment
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng

- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - All proposal, all the time
- Out of Office
 - Jul 29-31: Vacation

Week 30

- 300057 - Mooring Maint
- 901009 - CANON
 - Experiment support
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
 - Lots and lots and lots of proposal reading
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
- Out of Office
 - Jul 29-31: Vacation

Week 29

- 300057 - Mooring Maint
 - Reviewing SSDS related items and starting work
- 901009 - CANON
 - Proposal writing
 - ODSS preparation, map creation, support for Summer CANON campaign
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
 - Proposal writing
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Proposal writing
- Overhead
 - Budgets and proposals
- Out of Office
 - Jul 29-31: Vacation

Week 28

- 300057 - Mooring Maint
 - Starting to gathering information and files for M1 Mooring turn
- 901009 - CANON
 - More work on the cleanup and overhaul of the ODSS. Way easier to work with the codebase and deployment now and this will facilitate trying to move to a continuous deployment model and with the migration of the ODSS off the old servers. Much more cleanup to do in the codebase, but making great progress
- 901205 - ESP SURF Center
 - Migrating more data from services to esp-portal, getting close to being done
- 901502 - Passive Acoustic Sensing

- 901602 - Data TAG: Addrss Eng Chng
 - Proposal writing
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Proposal writing
- Overhead
 - Assisting with Telepresence proposal scoping/writing
 - Assisting with other proposals
 - Group Budget fun
 - Management overhead
 - Sat in on NOAA STEM Proposal discussion
- Out of Office
 - Jul 1-3: Vacation
 - Jul 29-31: Vacation

Week 26

- 300057 - Mooring Maint
- 901009 - CANON
 - Big overhaul of the ODSS. Move to Leaflet, bug fixes, new functionality. Although look has not changed much, bugs and functionality has.
 - Deployed to test and production
- 901205 - ESP SURF Center
 - More data migration from old to new server
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Review panel
 - Starting on budget stuff
- Out of Office
 - Jun 26: Vacation
 - Jul 2-3: Vacation
 - Jul 29-31: Vacation

Week 25

- 300057 - Mooring Maint
- 901009 - CANON
 - Overhauling the ODSS build and deployment to move to Docker/Podman to make things easier
 - Took the opportunity to clean out old dead code and make things more efficient
- 901205 - ESP SURF Center
 - Still migrating data from old portal to new
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Structuring the ODSS to align better with the catalog work for this project
- Overhead
 - Abstract and budgets
 - Starting to think about proposals (I have two)

- More AWS help for Nate Truelove and Francisco
- Out of Office
 - Jun 25-26: Vacation
 - Jul 2-3: Vacation
 - Jul 29-31: Vacation

Week 24

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
 - With Pat and Joe's help, moved the ESP web portal to shiny new CentOS 8 server that is dedicated to ESP web portal stuff and has a much better URL: <https://esp-portal.mbari.org/web/>
 - Will be spending a little bit of time each day to port data from the old system to the new re-running the imports so log parsing catches any missed data from previous bugs.
 - Fixing some bugs found during data migration
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
 - Abstract reviews
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Starting up work again on catalog and requirements writeup
- Overhead
 - Working with IS and Atlassian, was able to finally transfer the license from auth.mbari.org to oceana.mbari.org so I am not running our Crowd instance on a temporary license and we can now shutdown auth.mbari.org ... yay!
- Out of Office

Week 23

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
 - Overhauled build process to move ESP web portal to Docker image
 - Configuring ESP services to run on esp-portal.mbari.org as replacement for services.mbari.org
 - Starting data migration for ESP missions from services to esp-portal
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
 - Abstract submission
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Abstract submission
- Overhead
 - Abstract review
 - Working on quick slides to present to SOI as an overview of MBARI data management practices to begin a conversation.
- Out of Office
 - June 2: Leave

Week 22

- 300057 - Mooring Maint
- 901009 - CANON

- 901205 - ESP SURF Center
 - Moving the ESP web portal to containers
 - In order to upgrade services.mbari.org, need to migrate the ESP portal to CentOS 8 which is running on esp-portal.mbari.org
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Small amount of catalog work
- Overhead
 - Spending a lot of time learning podman and system services. Podman is RedHat/CentOS's version of Docker.
- Out of Office
 - May 28: Leave

Week 21

- 300057 - Mooring Maint
- 901009 - CANON
 - For data catalog, looking at image tags to support data management of UAV data
- 901205 - ESP SURF Center
 - Moving ESP code to containers to support CI/CD
 - Porting ESP portal to the esp-portal.mbari.org machine with new container structure
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Working on structure data catalog work into containers more amenable to CI/CD
- Overhead
 - Overhauling the weekly report generation scripts to fix bugs and structure so it's easier to make individual and group reports (coming soon)
 - Spending time cleaning up our AWS account (EC2, S3, IAM, CloudFormation). Will work on Security Groups and IAM roles next.
 - Digging into ECS which is AWS's container service
- Out of Office
 - May 28: Leave

Week 20

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
 - Working on migrating the ESP web portal to the esp-portal.mbari.org machine to facilitate the upgrade of services.mbari.org to CentOS 8
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Looking at deployment scenarios for on premises and AWS testing
- Overhead
 - Some small level of AWS support for Francisco's interns
 - Created a detailed list of all SE IE related IS supported servers for planning and migration purposes.

- Working on migration to CentOS 8 for several machines
- Out of Office
 - May 6-7: Vacation

Week 19

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Looking into AWS Continuous Integration/Deployment for the data catalog work
- Overhead
 - Helping Francisco, Nate and Thom get an AWS server configured for their virtual interns
 - Several online courses for AWS related material
 - Authentication work (with the help of Joe in IS) to test out the differences in Auth0 vs. AWS Cognito for managing web application authentication.
 - Several different video conferences
- Out of Office
 - May 6-7: Vacation

Week 18

- 300057 - Mooring Maint
- 901009 - CANON
 - Data catalog
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Data catalog
- Overhead
 - Lot of time in AWS stuff, working with IS and Danelle to look at ways to connect MBARI AD to Auth0/AWS
- Out of Office
 - May 6-7: Vacation

Week 17

- 300057 - Mooring Maint
- 901009 - CANON
 - Data catalog work, digging into connections to ERDDAP and GeoServer
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - More design work on integration layer and data models
 - Reviewing LOTS of documentation on the various data models for RDF, Schema.org, OGC, etc., etc.
 - Taking course on CI/CD and Jenkins

- Overhead
 - Reworking weekly report scripting to fix bug and change functionality
 - Taking course on Machine Learning for Managers
 - Helping folks with AWS tasks
 - Various overhead meetings
- Out of Office
 - May 6-7: Vacation

Week 16

- 300057 - Mooring Maint
- 901009 - CANON
 - WaveGlider portal
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Catalog research and design
- Overhead
 - Lots of planning and organization. Doing some things that I've wanted to get cleaned up for some time now.
 - Battling some strange computer issues and think I have them resolved
- Out of Office
 - May 6-7: Vacation

Week 15

- 300057 - Mooring Maint
 - Chased down some bad metadata for the 225m CTD and corrected. End products ([NetCDF](#)) now being created are correctly aligned with metadata.
- 901009 - CANON
 - More work on WaveGlider data portal.
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Working on mbari-data-model project to create model that can integrate metadata from other legacy data systems (SSDS, ODSS, BOG, EXPDB, SamplesDB, VARS, etc.) and combine with STOQS model and with external efforts like W3C PROV and CSW to support data catalog efforts that can track provenance as well as data set integration.
- Overhead
 - Helping IS with troubleshooting NFS/Atlas issues that were affecting pismo greatly. Managing fallout from that from a data processing perspective (seemed to affect my home directory the most for some reason).
- Out of Office
 - May 6-7: Vacation

Week 14

- 300057 - Mooring Maint
- 901009 - CANON

- Data catalog work, mostly focused on elasticsearch piece
- Wave glider data extraction/portal
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Working on architecture for integration layer
 - API design for integration to FAIR services
 - Built prototype of connections between TimescaleDB and ERDDAP, Grafana, Tableau, etc.
 - Group meeting to talk about architecture and design ideas
- Overhead
 - Design discussions with group
 - Started Udacity course on AI/ML for managers
- Out of Office
 - May 6-7: Vacation

Week 13

- 300057 - Mooring Maint
 - A little troubleshooting when mooring stopped reporting, seemed to fix itself (probably a reboot of a component)
- 901009 - CANON
 - Data catalog stack of software
- 901205 - ESP SURF Center
 - Some small support of ESP portal
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Working on architecture concepts for layered approach to data infrastructure
- Overhead
 - Watched a couple GTC conference presentations
 - Taking GTC course on accelerated data science using RAPIDS framework on GPUs
- Out of Office
 - May 6-7: Vacation

Week 12

- 300057 - Mooring Maint
- 901009 - CANON
 - Working on new data extraction stack of software for pulling WaveGlider data from Liquid Robotics' WGMS system
- 901205 - ESP SURF Center
 - Code changes to do both bug fixes and enhancements for GOM deployment support
- 901502 - Passive Acoustic Sensing
 - Short debugging session when audio stream went down
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Working on data catalog stack
 - Working through ideas from last meeting

- Overhead
 - Group/Corona stuff
 - Working on Markdown based internal and external documentation that is being hosted at <https://docs.mbari.org>
 - Slack support
- Out of Office
 - May 6-7: Vacation

Week 11

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
- Out of Office
 - Mar 16, 17, 20: Vacation
 - May 6-7: Vacation

Week 10

- 300057 - Mooring Maint
- 901009 - CANON
 - Overhauling the WaveGlider data extraction to get Jupyter foundation locations in the ODSS. The overhaul is so that I can add in data extraction at the same time since their data interfaces are in flux and the old SOAP interface to WGMS seems to be pretty stable. (sigh)
- 901205 - ESP SURF Center
 - Working on code to work with native CNV files that come from the CTDs
 - Supporting ESP deployment in Gulf of Mexico
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Worked with Rich on documenting shipboard systems
 - Some IS related tasks like machine clean up and server reboots
 - Facilitating lunch time learning on Kafka and CQRS
 - Starting work on aircraft engine presentation and reports
 - Staring coordination of the annual MAOS tour group from Monterey High School
 - Still work on review related stuff
- Out of Office
 - Mar 16, 17, 20: Vacation
 - May 6-7: Vacation

Week 9

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
- 901502 - Passive Acoustic Sensing

- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - All External Review all the time :)
- Out of Office
 - Feb 18-20: Out sick
 - May 6-7: Vacation

Week 8

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
 - Deployed portal code updates to work with data from Gulf Of Mexico ESP deployment
 - Fixed bug from said changes :(.
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Working on slide changes and practice for ER
- Out of Office
 - Feb 18-20: Out sick
 - May 6-7: Vacation

Week 7

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
 - Making quite a few changes to the log and out file parsing for the Gulf of Mexico ESP deployment
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
- Overhead
 - Hosted brown bag session on ELK stack as possible centralized logging and monitoring system
 - Making changes to ER presentation after getting word from ER committee that we need to short presentations.
 - Helped host cookie break
- Out of Office
 - May 6-7: Vacation

Week 6

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
 - Working on code to parse .out files in addition to .log files for Gulf of Mexico deployment. This is more work than I thought it would be because of some choices I made based on the idea the .log file was the sole source of information.
 - Enabled Waldo in the ESP portal

- Disabled Gordon parsing in the portal
- 901502 - Passive Acoustic Sensing
 - Starting to scope the migration of the backend Alexa skill code from NodeJS 8 to 10 as AWS is deprecating NodeJS 8 very soon.
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Held project meeting to look over LRAUV data structures and how that maps to the data models used by TimescaleDB. We are evaluating TimescaleDB's applicability to very large time series data.
 - Looking into the possibility of uploading individual STOQS databases into single TimescaleDB as test.
- Overhead
 - Finishing up performance reviews
 - Slide changes and practicing for external review
 - Held lunchtime brown bag where we watched some talks on AWS CloudWatch logging and monitoring. Could be useful for centralized logging and monitoring.
- Out of Office
 - May 6-7: Vacation

Week 5

- 300057 - Mooring Maint
- 901009 - CANON
- 901205 - ESP SURF Center
 - Working on new log parsing to include parsing or real.out file to support GOM deployment coming up
- 901502 - Passive Acoustic Sensing
- 901602 - Data TAG: Addrss Eng Chng
- 901809 - Deep Sea Bioinspiration
- 901915 - Improving MBARI Data Impa
 - Preparing for kickoff meeting on Thursday
- Overhead
 - Performance Reviews
 - Working on External Review Presentation incorporating comments from walkthrough last week
 - Working on new script for consolidating weekly reports for engineering
- Out of Office
 - May 6-7: Vacation