

Danelle Cline

Week 52

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 51

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 50

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 49

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education

- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 48

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 47

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 46

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 45

- 300057 - Mooring Maintenance

- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 44

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
 - [Deployed the new mbari315K model server in AWS](#)
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Participated in SoundCOOP - Python Sniffers telecon, focused on PyPAM module which is a potential community module for creating standard sound measurements similar to the Manta Matlab system. Signed up for new slack channel OceanObservationData for further discussions.
 - Weekly meeting. Thanks Carlos and Duane for improvements to procedures to monitor the live stream with an external service. Our stream fan club will be so pleased.
 - Working on debugging an issue with blue whale spectrogram color map inversion RGB to BGR which is causing poor model performance.
 - Assisted student Karl Watkins with some feedback on how to evaluate his humpback model designed to work on tiny devices (e.g. Jetson Nano).
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
 - Worked on FathomNet page upgrade; more work to finish user profiles then pass on for team feedback.
 - Need to start DeepSea Guide page upgrades.
- 902005 - VARS Annotation Assistance
 - Set up the deepsea-ai python module in our new VAA production subaccount (thanks Kevin G. and Adriana, especially for setting this up!). After patiently waiting for quota to be approved, used this to train the new mbari315K model on an 8 GPU p3.xlarge instance.
 - Tested the new mbari315K model on short 1 second videos per the [instructions](#). Fixed a few bugs. Release notes can be found in the [CHANGELOG](#). Duane is doing further testing with some select dives.
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

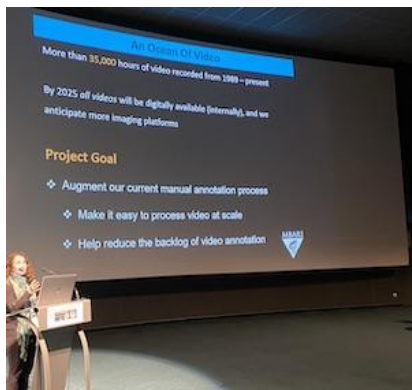
Week 43

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Investigated live stream interruption and submitted a help ticket with details. IS has resolved this issue by updating a web certificate on the streaming server shoutcast.mbari.org.

- Assisting collaborator, Karl Watkins on potential export of [Google Humpback model](#) to his embedded platform
- Assisting collaborator, Kanoe Makalii on blue whale D call exploration; installed and test drove the MorphoCluster tool on some sound spectrograms. We are looking for ways to help organize calls faster for her training experiments.
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
 - Working on FathomNet web page for new web design
- 902005 - VARS Annotation Assistance
 - Mostly testing in new AWS subaccount (using MBARI login) which gives us better cost reporting and control of our production environment:
 - Tested setup and training command in [DeepSeaAI](#) pip module in our new AWS subaccount; data prepared and uploaded, but waiting on quota increase to try full training run on all of the training data (315K localizations) on an 8 GPU instance.
 - CDK object detection and StrongSort tracking pipeline stack deploys ok in new AWS subaccount; added support for more flexible stack config through environment variables.
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 42

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Updates to the [open data documentation](#)
 - Team meeting and meeting with Stanford student Kanoe on continued ML work with blue whale calls.
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
 - Working on tutorial on FathomNet object detection training in the [deepsea-ai](#) module
 - Presentation on cloud-enabled benthic annotation at the Marine Imaging Workshop; PDF of that is [here](#). This was well received with questions on cost, time, data augmentation efforts, etc.



- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - [Code.org video released](#) this was part of a series of career highlights targeting K-5, promoting diversity in computer science.
- Out of Office

Week 41

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 2022 (MIW22) 3 - 7 Oct 2022 CEST Brest, France (GMT+2)
 - Vacation 9/28 - 9/29, 10/10-11

Week 40

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 2022 (MIW22) 3 - 7 Oct 2022 CEST Brest, France (GMT+2)
 - Vacation 9/28 - 9/29, 10/10-11

Week 39

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Finished demo Colab jupyter notebook on running blue D ResNet classifier to kick-start efforts with with Stanford student, Kanoe Makalii Aiu, who will be working with Will Oestrich and Danelle on improvements to the blue D call ML workflow.
 - Meeting with Kanoe to do walk through
 - Potential upcoming opportunity to present work
<https://www.frontiersin.org/research-topics/45485/deep-learning-for-marine-science>
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
 - Meeting to discuss M1 mooring data and page migration
- 902005 - VARS Annotation Assistance
 - MIW22 Presentation finished and dry-run with team (thanks, Kevin, Brian, and Lonny for the good feedback and shared materials!)
 - Moved all docker repositories from private to public ECR for use; finally figured out how to run automated github action docker releases. One small step for womankind.

- Fixed [issue 3](#) in strongsort pipeline
- Exploring demo notebook using FathomNet data with deepsea-ai pip module
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Code.org video is complete & some social media activity to follow
- Out of Office
 - Marine Imaging workshop 2022 (MIW22) 3 - 7 Oct 2022 CEST Brest, France (GMT+2)
 - Vacation 9/28 - 9/29, 10/10-11

Week 38

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 37

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 36

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 35

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 34

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 33

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 32

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG

- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 31

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Setup shoutcast Windows streaming service for restart on reboot on shoutcast.mbari.org
 - Team meeting
 - AthenaDB monthly query running as expected, but daily bump in S3 cost remains a mystery
- 901602 - Data TAG
- 901603 - Video TAG
 - Reviewing 2023 proposals
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
 - Finished PR5 <https://bitbucket.org/mbari/vaa-track-pipeline/pull-requests/5> a minor performance improvement to batch process faster.
 - Merged PR13 <https://bitbucket.org/mbari/deepsea-ai-backend/pull-requests/13> a series of performance improvements to the CDK stack to speed-up tear up/down. Cloud processing time now at 15-40 minutes per 15 minute video with minimal overhead for spin up/down of EC2 GPU instances.
 - No team meeting this week :(
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Coordination on logistics with ITD for upcoming code.org interview and location shoot.
 - Coordination with RoboFlow on community demonstration.
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 30

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)
 - Vacation July 7-28th, back in August. 1st.

Week 29

- 300057 - Mooring Maintenance

- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)
 - Vacation July 7-28th, back in August. 1st.

Week 28

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)
 - Vacation July 7-28th, back in August. 1st.

Week 27

- 300057 - Mooring Maintenance
 - Proposal input
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Maintenance on shoutcast port 8000
 - Project proposal input
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
 - Intern support
 - Added cluster tab to dashboard <http://deepsea-ai.shore.mbari.org/#/clusters> to monitor high-level information about AWS ECR clusters like tasks and queue messages; some other updates to dash to improve track auto playback.
 - Improvements to batch processing graceful termination
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - 2023 project proposals drafts
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

- Vacation July 7-28th, back in August. 1st.

Week 26

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 25

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 24

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Finished deployment of shoutcast stream. Peak listeners at 88 simultaneous; average listening time of 5 hours, 15 minutes and 14 seconds thus far. Zen listening to help calm the mind.
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
 - Batch processing going well. AWS elastic compute cluster is scaling and fine-tuning almost complete.
 - Added support for Job deletion and autoloading by user of processed data.
 - Added more detail to jupyter notebooks on track database use
 - (virtual) team meeting due to COVID
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Marine Imaging workshop 3 - 7 Oct 2022 CEST Brest, France (GMT+2)

Week 23

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - May 27th, 28th,

Week 22

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - May 27th, 28th,

Week 21

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Shoutcast stream DNAS software installed and tested; more work to open network ports and bring some old python code up to date
 - World oceans day blog writing in coordination with ITD/AWS
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
 - Drafting [jupyter notebooks](#) to help the team with integration/editing against tracks database
 - Ongoing work to test micro EC2 auto-scaling CDK stack is going well with short 1-minute video clips processing.
 - Zoom call with summer intern Manual Gozzi
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Project update presentation
- Out of Office
 - May 27th, 28th,

Week 20

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Working on blog materials for upcoming World Ocean Day with John, AWS partners and ITD group.
 - Switching audio streaming to a new production Windows server shoutcast.shore.mbari.org in response to changes in our streaming provider.
 - Finished ansible deployment of Aurora data use workflow
- 901602 - Data TAG
- 901603 - Video TAG
 - Read project abstracts
 - Abstract submission for [2022 Marine Imaging Workshop](#)
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
 - Added support for mirrored Titan prefixes with unique ISO tags in processing workflow S3 buckets. Testing looks good on that.
 - Moved YOLOv5 detection-tracking docker image to docker hub instead of ECR; added linux/amd64 and linux/arm64 builds.
 - Testing batch CDK stack. Working through issues with IAM, but expect this work to be finished soon.
 - Finished up ansible deployment of [deepsea-ai](#) stack.
- 902202 - MBARI Cloud Integration Exploration
 - Discussion with Duane about a brainstorming session with Kevin. Possible idea to use STOQS parquet data in data lake as proof of concept.
- Overhead
 - Moving my office is going slow; I hope to finish by early next week.
- Out of Office

Week 19

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Completed setup and deployment of AWS Athena queries for our [Pacific Sound opendata](#) use. Queries revealed in April, 2022, our sound data is being used in 5 countries, with our raw 256kHz recordings from 2020 being the most accessed with 1 Petabyte of downloads in April.
 - Discussions with the team about the upcoming blog for World Oceans Day on June 8th.
- 901602 - Data TAG
- 901603 - Video TAG
 - Finished draft of abstract for Marine Imaging Workshop and initial cut at a graphic.
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
 - Automated deployment of backend/frontend code using Ansible now in place.
 - Working on adding supporting code for batch processing to the Dockerized deployment of the video processing pipeline
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Discussion with Giancarlo about cloud best practices and emerging technologies
- Out of Office

Week 18

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 17

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - S3 bucket sync management for logs access
 - Setup Amazon Athena database and working on queries to assess OpenData program data usage
 - Group meeting discussion on click train detection
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
 - Tracking pipeline benchmarking and optimization with Duane. Current MOTA is ~53%. Need more fully annotated videos to measure accurately. BoxJelly is a potential tool for this.
 - Syslog setup on production server deepsea-ai to start logging dashboard and database API use.
 - Fix issues with postgres after sql server migration to M3_TRACKS database broke a few things. Improved handling of AWS security keys and S3 track data sync/loads.
 - Next steps are to return the batch processing, inserting the optimized tracking docker container into the elastic EC2 pool that I paused on to focus on database migration.
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Attended AWS Summit Conference in San Francisco, Moscone Center. Met with non-profit representative, attended sessions on AWS RoboFlow to support Giancarlo, database and SageMaker sessions.
- Out of Office

Week 16

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead

- Out of Office

Week 15

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 14

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 13

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 12

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data

- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 11

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 10

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 9

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 8

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education

- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 7

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 6

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 5

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - AWS OpenData 2022 updates
 - Discussion with grad student at University of Denver about potential collaboration on miniML sound detection
 - Debugging an issue with blue A inference workflow
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
 - Working on infrastructure roll-out and back-end deployment
 - Finished dockerized deepsort tracker which the team is testing
 - So far so good. Hoping to have bulk batch testing finished next week.

- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Updated htcmastervm-c upgrade (need to ask Pat to change machine name)
- Out of Office

Week 4

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 3

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
 - Spun-up M3 stack per the quick start instructions
<https://github.com/mbari-media-management/m3-quickstart>
- 901009 - CANON
- 901502 - Soundscape Research and Education
 - Testing machine learning workflow on a subset from 2017 on 53K images for final approval from team, then final 6 year/2 million blue whale A detection proposals. This workflow uses AWSBatch to generate spectrograms and SageMaker BatchTransform Jobs to quickly run inference.
 - Project pitch to Cal Poly ML class
 - Our livestream audience is growing; the service has almost exceeded its 2500 THL limit in Shoutcast and may bump to the next tier automatically.
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
 - Pushing hard to get a webapp up and running on deepsea-ai. This will be our ML dashboard with models, processing jobs, etc. all in one place. Vue3 front-end and postgres db backend design. Hope to get some help from Carlos to take it further.
 - Finished bulk loader to quickly load machine results to summarize and manage the job data and experimental tests.
 - A preview of the machine generating tracks in BoxJelly look promising!
 - Planned discussion with AWS ProServe team next week
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Performance review summary
- Out of Office

Week 2

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG

- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 1

- 300057 - Mooring Maintenance
- 500055 - VARS, M3/RS, DSG
- 901009 - CANON
- 901502 - Soundscape Research and Education
- 901602 - Data TAG
- 901603 - Video TAG
- 901915 - Improving the Impact of MBARI's Data
- 902005 - VARS Annotation Assistance
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office