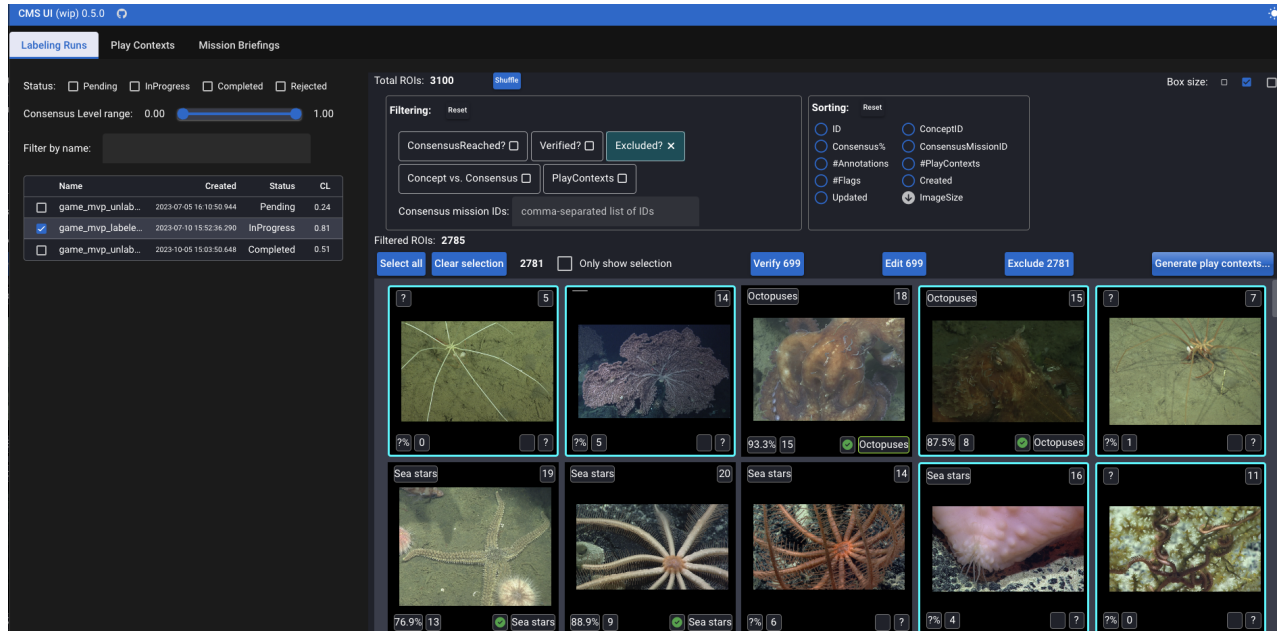


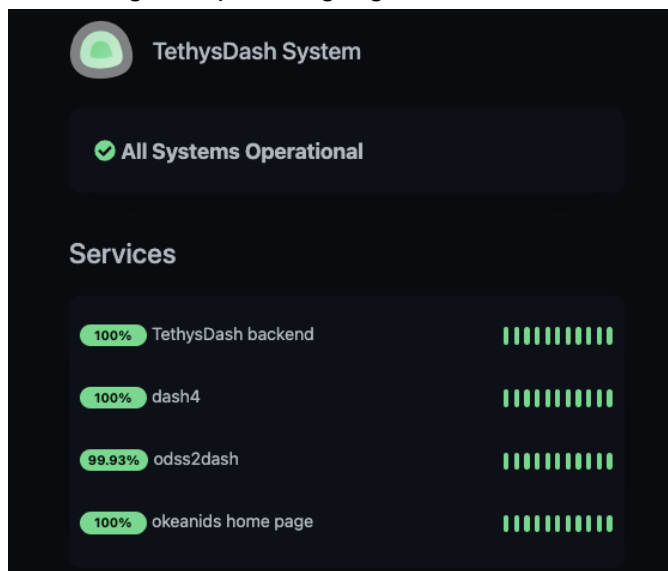
Carlos Rueda

Week 51

- ~~300078 - DMO Divisional Support - AUV~~
- 300083 - DMO Divisional Support - LRAUV
- 701165 - OVAI
 - CMS UI prototype now 0.5 – <http://ovaidev.shore.mbari.org/>



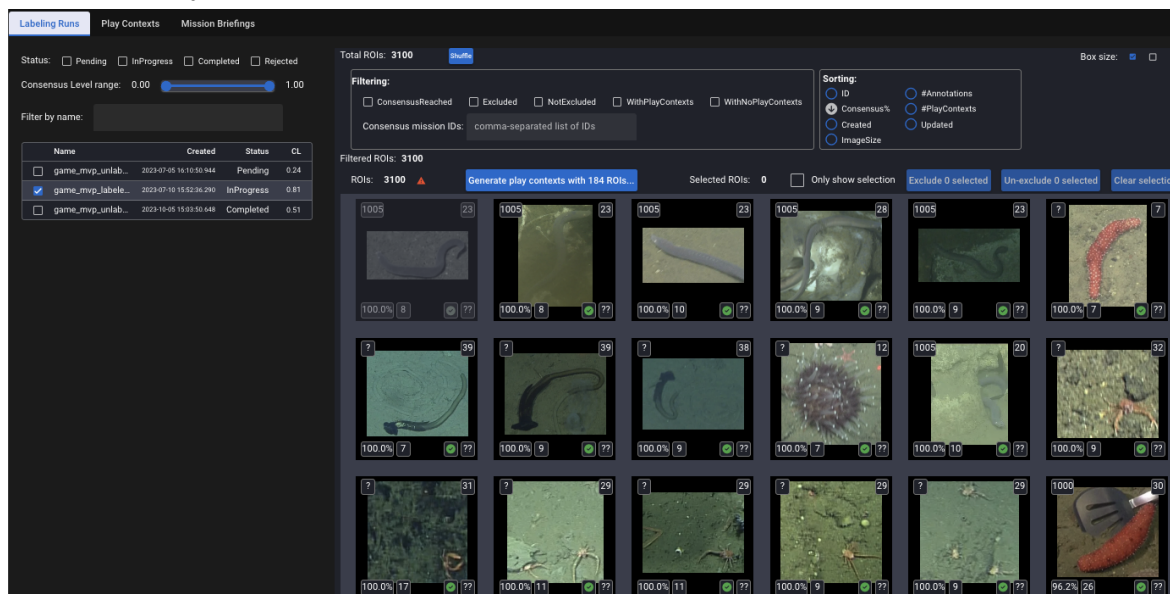
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
 - Addressing some recently reported issues, reviewing and cleaning up code.
 - Set up an uptime-kuma instance for [monitoring TethysDash related services](#). Really straightforward, thanks Kevin Bernard for the quick guidance. As noted to the team on Slack: “worth keeping in mind that IS might be providing a general service monitoring solution in the future.”



- 902204 - Scalable Robotics
 - Brief discussion with Danelle regarding images and potential incorporation in Dial.
- 902302 - DEI
- Overhead
- Out of Office
 - Dec 5, 26–28: vacation
 - Jan 10–11: vacation

Week 50

- ~~300078 - DMO Divisional Support - AUV~~
- 300083 - DMO Divisional Support - LRAUV
- 701165 - OVAI
 - CMS UI prototype now [0.3.7](#).



- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
 - Group mtg
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
- 902204 - Scalable Robotics
 - End of year review mtg.
- 902302 - DEI
- Overhead
 - Export regulation training
- Out of Office
 - Dec 5, 22, 26–28: vacation
 - Jan 11: vacation

Week 49

- ~~300078 - DMO Divisional Support - AUV~~
- 300083 - DMO Divisional Support - LRAUV
 - Exchanges with Erik regarding his maintenance tracking feature.
- 701165 - OVAI
 - CMS UI prototype now [0.2.2](#). Started incorporating actual API calls as the services are made available.
- 901009 - CANON

- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs
 - Although short, we had a successful front tracking exercise last week with code running on the wave glider. (great team effort with Chris W., Tom O., Yanwu)
- 902101 - LRAUV Technology Development and Fleet Operations
 - TethysL is now [3.7.3](#). Along with couple of previous versions, new features include:
 - New “express migration” VSCode command (thanks Quinn for the great suggestion)
 - Dispatch of semantic tokens, and expanded “Outline” section in VSCode
 - Some bug fixes, and lots of code cleanup.
 - I’m also quickly revisiting some previous exercises to do the direct loading of tethysl missions in the LRAUV to estimate effort for this goal next year.
- 902204 - Scalable Robotics
- 902302 - DEI
- Overhead
- Out of Office
 - Dec 5, 22, 26–28: vacation
 - Jan 11: vacation

Week 48

- ~~300078 - DMO Divisional Support - AUV~~
- 300083 - DMO Divisional Support - LRAUV
- 701165 - OVAI
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
- 902204 - Scalable Robotics
- 902302 - DEI
- Overhead
- Out of Office
 - Nov 15-16: (virtual) Generative AI (AI Barcelona)
 - Nov 20–22: vacation
 - Nov 27–30: Working from home some of these days

Week 47

- ~~300078 - DMO Divisional Support - AUV~~
- 300083 - DMO Divisional Support - LRAUV
- 701165 - OVAI
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
- 902204 - Scalable Robotics
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- Nov 27–30: Working from home some of these days

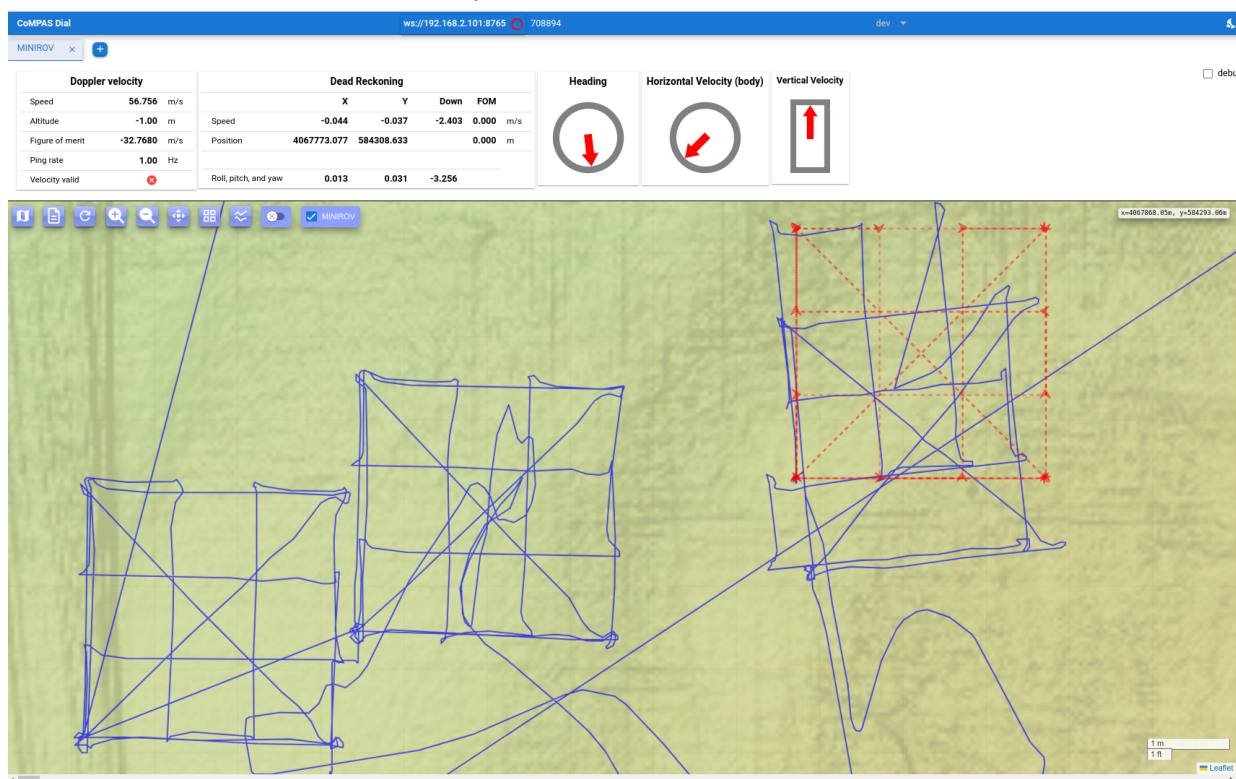
Week 46

- ~~300078 - DMO Divisional Support - AUV~~
- 300083 - DMO Divisional Support - LRAUV
- 701165 - OVAI
 - Initial versions of the CMS UI prototype, which is being deployed on a new 'ovaidev' VM that IS created for us. Thanks Joost for the very productive discussions.
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
 - Dash 4.55.2 with more adjustments/fixes related with the handling of changed/unchanged mission boolean parameters. Thanks Quinn S. for reporting.
 - Sent email to a number of LRAUV mission authors kindly asking for their review of tethys language documentation updates, recently contributed by Mike Godin:
 - <https://docs.mbari.org/lrauvmissions/tethys/>
 - <https://docs.mbari.org/lrauvmissions/behaviors/>
 - Submitted [TETHYS-704](#), a proposal for an adjustment in the LRAUV, intended to make TethysDash handling of missions more robust.
 - Some exchanges with WHOI re Steve's widgets. Steve has now incorporated mission parameter defaults as provided by TethysDash API.
- 902204 - Scalable Robotics
 - Some [Dial documentation](#) updates.
- 902302 - DEI
- Overhead
 - Merlin Sound ID seminar. Very interesting discussion with Grant van Horn in the afternoon (also with John Ryan).
- Out of Office
 - Nov 15-16: (virtual) Generative AI (AI Barcelona)
 - Nov 20–22: vacation
 - Nov 27–30: Working from home some of these days

Week 45

- ~~300078 - DMO Divisional Support - AUV~~
- 300083 - DMO Divisional Support - LRAUV
- 701165 - OVAI
 - Meetings. Review of some materials.
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
 - Group meeting (also with couple of external collaborators as usual)
- 901513 - Targeted Sampling by AUVs
 - Tested the Iridium connection that Chris and Tom have set up. Actual date for a next tracking exercise offshore still TBD.
- 902101 - LRAUV Technology Development and Fleet Operations
 - TethysL is now [3.6.0](#).
 - TethysDash backend now [4.55.0](#), including adjustment for WHOI as requested.

- 902204 - Scalable Robotics
 - Dial is now [0.5.7](#), with lots of new features, and some documentation (wip). Have a look at [some screenshots](#). Here's one provided by Giancarlo this week:



- 902302 - DEI
- Overhead
- Out of Office
 - Nov 15: (virtual) Generative AI (AI Barcelona)
 - Nov 20–22: vacation
 - Nov 27–30: Working from home some of these days

Week 44

- 300078 - DMO Divisional Support - AUV
- 300083 - DMO Divisional Support - LRAUV
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
- 902204 - Scalable Robotics
- 902302 - DEI
- Overhead
- Out of Office
 - Nov 15: (virtual) Generative AI (AI Barcelona)
 - Nov 20–22: vacation

Week 43

- 300078 - DMO Divisional Support - AUV
- 300083 - DMO Divisional Support - LRAUV
- 901009 - CANON

- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
 - Completed notebooks for demonstration at today's (2023-10-25) Soundcoop workshop in Boulder (John R. is presenting, and I'm supporting him remotely). Several obstacles to get to this point due to various unexpected issues (dependency conflicts, incompatible packages in the JupyterLab space, etc.). However, John reports all went pretty well, with "a big impression on people who have been striving for these capabilities for a long time."
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
 - TethysL is now [3.5.2](#).
 - Provided feedback to Yanwu re his PAM mission (based on diagnostics provided by TethysL).
 - TethysDash backend is now [4.54.4](#).
 - WHOI has upgraded to the latest dash frontend and backend versions.
- 902204 - Scalable Robotics
 - Dial webapp: Working on keeping a recent history of platform positions so they can be displayed upon a reload of the page. Some significant refactoring is involved, which is needed in general toward other future enhancements, especially in terms of performance.
- 902302 - DEI
- Overhead
- Out of Office
 - Nov 15: (virtual) Generative AI (AI Barcelona)
 - Nov 20–22: vacation

Week 42

- 300078 - DMO Divisional Support - AUV
- 300083 - DMO Divisional Support - LRAUV
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
 - Preparations for NCEI workshop next week
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
 - TethysL is now [3.5.1](#).
- 902204 - Scalable Robotics
 - [Dial](#) maintenance release (now 0.4.0).
- 902302 - DEI
- Overhead
- Out of Office
 - Oct 16-19: 1-2 days working remotely (school break)
 - Nov 15: (virtual) Generative AI (AI Barcelona)
 - Nov 20–22: vacation

Week 36

- 300078 - DMO Divisional Support - AUV
- 300083 - DMO Divisional Support - LRAUV
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Revisiting MB-system docker (looking into OpenGL related issues on macos)
- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs

- Possibly new tracking exercise by early October
- 902101 - LRAUV Technology Development and Fleet Operations
 - TethysL is now [2.9.93](#). Since 2.9.0, significant release for users with no access to the Irauv-application codebase but still needing the latest information (from master or other relevant branch/git reference) for mission validation.
 - TethysDash system is now [4.53.0](#).
- 902204 - Scalable Robotics
- 902302 - DEI
- Overhead
 - Input to Mike M. re capstone student project / EXPD modernization proposal.
 - Postdoc review mtg.
 - LLM class, review of materials (potential application for MBARI projects).
 - Transfer of hours from project 300078 to 902204 confirmed (thanks Mandy).
- Out of Office
 - Oct 2–4: [QCon](#) (tentative)
 - Nov 20–22: vacation

Week 35

- 300078 - DMO Divisional Support - AUV
- 300083 - DMO Divisional Support - LRAUV
- 901009 - CANON
 - Per Jenny's inquiry, looked into changing the displayed name of a couple of assets on the ODSS map. I did the updates in the mongo database, but somehow they got overwritten after a few seconds, likely by some external process or by ODSS using some cached info. Will discuss with Kevin when he's back from vacation.
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
 - Group meeting.
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
 - Addressing various requests. Dash4 is now [4.52.6](#).
 - As noted on the Irauv-operations slack channel: "fyi I just signed off several of you as PIC or On-Call associated with Brizo/Galene/Makai. As a reminder, it is now expected that operators explicitly sign off while entering an estimate of actual time spent during the watch-standing. My manual signing-off above is to facilitate the "transition" to the new protocol"
- 902204 - Scalable Robotics
- 902302 - DEI
- Overhead
 - Soundscape group meeting to discuss proposal phase 2.
 - Input to Brett re hour allocation reduction for LRAUV proposal phase 2.
 - Post-doc review committee.
- Out of Office
 - August 8–28: vacation (out of the country)
 - Working from home August 29-31.

Week 34

- 300078 - DMO Divisional Support - AUV
- 300083 - DMO Divisional Support - LRAUV
- 901009 - CANON
- 901101 - Seafloor Mapping

- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
- 902204 - Scalable Robotics
- 902302 - DEI
- Overhead
- Out of Office
 - July 21: sick
 - August 8–28: vacation (out of the country)

Week 33

- 300078 - DMO Divisional Support - AUV
- 300083 - DMO Divisional Support - LRAUV
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
- 902204 - Scalable Robotics
- 902302 - DEI
- Overhead
- Out of Office
 - July 21: sick
 - August 8–28: vacation (out of the country)

Week 32

- 300078 - DMO Divisional Support - AUV
- 300083 - DMO Divisional Support - LRAUV
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
- 902204 - Scalable Robotics
- 902302 - DEI
- Overhead
- Out of Office
 - July 21: sick
 - August 8–28: vacation (out of the country)

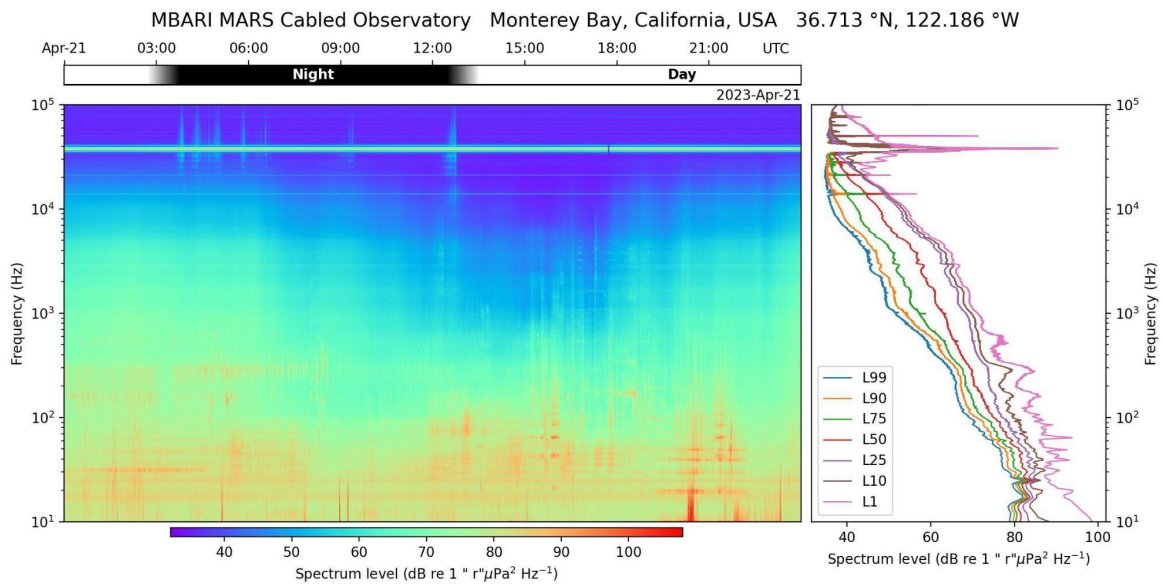
Week 31

- 300078 - DMO Divisional Support - AUV
- 300083 - DMO Divisional Support - LRAUV
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations
- 902204 - Scalable Robotics
- 902302 - DEI

- Overhead
- Out of Office
 - July 21: sick
 - August 8–28: vacation (out of the country)

Week 30

- 300078 - DMO Divisional Support - AUV
- 300083 - DMO Divisional Support - LRAUV
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901502 - Passive Acoustic Sensing
 - Daily hybrid millidecade band spectra products have been generated for 2021, 2022, 2023, also with associated summary plots (plotting code provided by John R.). They are being put in a public AWS bucket, most immediately for access by NCEI and Axiom.



- Did some repo cleanup at <https://github.com/mbari-org/>, including removal of our PyPAM fork (I was given additional permissions in the upstream repo).
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development and Fleet Operations