

Eric Martin

Week 52

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - LASS Integration on Ventana went very well. Sadly the ship was damaged and we lost our days last week.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Testing sleep on anchor
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Troubleshoot Tether damage with Andy and Francois, seems like the canbus failure was in the quad conductors somewhere inside the tether. Some water was found in the bottom termination.
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
 - Paper is getting close, meeting weekly with the writing team.
- 902204 - Scalable Marine Robotics Foundations
 - End of year purchases for the lab
 - Hiring contacts for RE position finalists.
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - Met with ME and ASOE candidates last week.
- Out of Office

Week 51

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Cruise canceled Monday/Tuesday
 - Successful integration of the LASS on Ventana
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Found issues with CANbus, a broken lead in the em-cable
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
 - Writing the CSCW paper
 - Tests on starlink postponed due to canceled carson cruise this week
- 902204 - Scalable Marine Robotics Foundations
 - Cabling for VN100 on Mola
 - Test tank data collection using LASS for SLAM work.
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 50

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 49

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
 - Assembling archival data set.
- 901101 - Seafloor Mapping
 - Successful final integrations and dock tests of the LASS sled on Ventana.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Vehicle is sleeping and waking up well.
 - Prepping for tank tests
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
 - End of year spending, getting spare equipment.
- 902012 - Telepresence on MBARI Research Vessels
 - Conducting Starlink tests with IS, promising early results.
- 902204 - Scalable Marine Robotics Foundations
 - Hiring committee work
 - Fixed the Mola with help of Boxfish
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - SEE Committee
 - ASUAV interview monday
 - Presented on project management to post-docs
- Out of Office

Week 48

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Mounting new sonar
 - Working with larry bird on sled fit
 - Troubleshooting PPS issues
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Sleep on anchor close to tank tests.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology

- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 47

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 46

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Bench testing refactored power can, working through wiring and power issues.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Sleep on anchor testing
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
 - Tests of recording using M3RS
- 902012 - Telepresence on MBARI Research Vessels
 - Paper Writing for CSCW
- 902204 - Scalable Marine Robotics Foundations
 - Working with Boxfish to resolve issues with the pcb assemblies. They are sending a new one out.
 - REE hiring Committee
 - Working on end of year fund commitments.
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - SEE hiring committee
 - Minirov job description review
- Out of Office

Week 45

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications

- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 44

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 43

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 42

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Checkin with 3D at Depth last week, they have been approved to start work on a new design.
 - Meeting with DJ regarding power input for the sled. Will require a connector conversion.
 - Designing Cables for the Reson system wiring.
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Collecting radar data in one place for archival and transmission to collaborators at JHU.
- 901700 - Acoustical Ocean Ecology
 - Consult with Brett for noise mitigation on the EK80 on LRAUV
- 901911 - ROVVR
 - Discussions with Steve and Drew as project management transition begins to Drew.

- 902012 - Telepresence on MBARI Research Vessels
 - Submitted board bullets to Cindy
 - Working on 2 papers, a short one for a DEI submission and the full paper for CSCW
 - Tore down the telepresence gear on the flyer and moved to B123
- 902204 - Scalable Marine Robotics Foundations
 - The boxfish vehicle is here and working, we are working through understanding some issues with it, and trying to close out all tickets with Boxfish.
 - Supported photo shoots with the aquarium
 - Many project management items this week.
 - Reviewing applicants for the REE position.
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - SE hiring committee meeting
 - Dorado Artic Debrief Notes and meeting last friday.
- Out of Office

Week 41

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 40

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 39

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Turning my attention to software and electrical tasks for the Ventana re-integration effort
- 901206 - Coastal Profiling Float Transition to Science Applications

- Testing wake on sleep.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
 - Finalizing the shipping details on the Boxfish, including export controls
 - Scheduling Training for Boxfish
 - GIM Sprint review
 - Testing the Ouster Lidars
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 38

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Returned Wednesday from the Arctic Expedition, it was very successful.
 - Catching up on sled conversion efforts with Chad.
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
 - Following up on proposal feedback.
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
 - Catching up on Boxfish shipment
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - Preparing for Aaron's interview this Friday
- Out of Office

Week 37

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - Aug 21-Sept 18 Arctic Expedition

Week 36

- 708164 - Integrating efficient and dependable wave power generation

- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - Aug 21-Sept 18 Arctic Expedition

Week 35

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - Aug 21-Sept 18 Arctic Expedition

Week 34

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - Aug 21-Sept 18 Arctic Expedition

Week 33

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology

- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - Aug 21-Sept 18 Arctic Expedition

Week 32

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Arctic expedition meeting last thursday, much to learn.
 - Meeting Monday on winfrog/sonardyne setup on the Araon
 - Working with Chad on the modifications to the LASS
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Troubleshooting CAN bus, likely problem was found in a failed wet cable.
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
 - Went threw a new pile of items, collected all the the parts into the B125 lab.
- 902012 - Telepresence on MBARI Research Vessels
 - Coordinating for the final telepresence cruise, for Kakani Katija.
- 902204 - Scalable Marine Robotics Foundations
 - Gettting the tank stereocam together with intern Alex.
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - Aug 21-Sept 18 Arctic Expedition

Week 31

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - July 1-31

Week 30

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications

- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - July 1-31

Week 29

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - July 1-31

Week 28

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - July 1-31

Week 27

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations

- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - July 1-31

Week 26

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Ordering new multibeam
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - July 1-31

Week 25

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 24

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
 - Meeting last week, working with Rob on trying to find a good set of settings
- 901101 - Seafloor Mapping
 - Cruise was cancelled, demobilized and discussing other options.
 - 3D@Depth is near completion on their contract to generate a feasibility study of a generation 2 wide-swath lidar, and gave a concept review to MBARI engineers on Tuesday morning. Feedback was good, and the next steps will be to produce a final proposal that we can consider inserting into the 2023 internal proposal cycle.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Sleep on anchor development
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Looking into AHRS issues on my logger application.
- 901700 - Acoustical Ocean Ecology

- Reviewing paper on the comparative AUV/ROV transect work.
- 901911 - ROVVR
 - Looking for Data products, brainstorming proposal concepts.
- 902012 - Telepresence on MBARI Research Vessels
 - Looking into project update
- 902204 - Scalable Marine Robotics Foundations
 - Lidar for paragon spec
 - Boxfish follow up
 - Gim Robotics calls
 - New intern onboarding and mentoring.
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - PI selection committee meeting, provided verbal feedback on my interviews
- Out of Office

Week 23

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 22

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 21

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
 - Working with rob.
 - Data issues last week, the system seems rather stable despite.
- 901101 - Seafloor Mapping
 - Cruise prep

- Meeting with Paul Devine at Teledyne Reson, working on a quote plan for a new T50 system for the sled.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Troubleshooting issues with latest energy monitoring mods.
 - Wake from sleep
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
 - Reviewing report from Leila, great results, and we're getting ready to release the report more broadly.
 - Planning a project update to discuss these results with the broader community at MBARI
- 902204 - Scalable Marine Robotics Foundations
 - Project management bits.
 - Lots of work with GIM robotics
 - presented the ASV concept and received feedback.
 - Sprint #1 review last thursday.
 - Prepared new dataset for GIM to try different SLAM on.
 - Coordinating with facilities for lab changes.
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - Katie Maier interview last week, writing up.
 - Exposures last week have kept me at home, likely through Thursday
- Out of Office

Week 20

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 19

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead

- Out of Office

Week 18

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 17

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
 - Initial radar tests good, Rob McEwen is processing, auto gain is clearly needed.
- 901101 - Seafloor Mapping
 - Camera testing last week. Prepping for tank tests.
 - Moving the lab downstairs.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - CPF001 ready for final assembly and tank testing.
 - Light support for current deployment
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Closely monitoring the buoy for its first week out, so far so good.
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
 - Meeting last week to review Leila Takayama's first workpackage. She has really engaged people and pulled out some very interesting insights.
 - Moving forward with surveys.
- 902204 - Scalable Marine Robotics Foundations
 - Paragon ASV data collection concepts
 - Discussing some added project management tasks.
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - Interview of Seafloor Processes candidate.
- Out of Office

Week 16

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR

- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - STCW training April 11-15 (This week)

Week 15

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Prepping for camera tests
 - Monthly check in with 3d at depth, setting a date for a concept review in June.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - CPF001 prep for pump motor calibration.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Lots of cleanup last week and final testing, including detection and fix of a broken joint deep in the buoy.
 - Data volume assessments with Patrick for IFCB and buoy data over cell.
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
 - Meeting last Thursday
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - STCW training April 11-15 (This week)

Week 14

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
 - Radar in final stages of roof testing, supporting collaborators at JHU.
- 901101 - Seafloor Mapping
 - Closing in on multibeam selection, the recent reports from Winghead have proven limiting.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Bug fixes in and tested last week.
 - Starting Post oil fill checkout on CPF001.
 - Deployment last week went well until last Friday.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Preparing for deployment next week.
 - Many minor issues have popped up that required lots of disassembly and re-assembly, but today all systems seem good.
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
 - Microservices to mirror screen grabs from vessels to telepresence.mbari.org
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
 - Meeting last week with Open Robotics
- Overhead

- Out of Office
 - STCW training April 11-15

Week 13

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
 - Radar driver testing on raspberry pi.
 - Working with Rob to verify hdf5 files.
- 901101 - Seafloor Mapping
 - Sled was used last week in a presentation to visiting military group.
 - Getting ready for tank tests next week.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Next set of bug fixes were tested and rolled in, leading to a deployment yesterday.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Rework of the controller box drawn into techs, already complete, tested and reinstalled.
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
 - See telepresence note on presentation
- 902012 - Telepresence on MBARI Research Vessels
 - Screenshot upload to DMZ running on VM.
 - Interview with Leila last week.
 - Presented a new talk focused on the common threads of telepresence and VR to prospective group of Western Flyer buyers:  Beyond Bunkspace
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - DEI training
- Out of Office
 - STCW training April 11-15

Week 12

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - Vacation Feb 21-25
 - STCW training April 11-15

Week 11

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping

- Expedition planning meeting tuesday
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Addressing bugs from the last deployment
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Drawing update for controller box
 - Ordered parts for final installation
 - Radar software first revision released last week, Rob McEwen is working on data plotting.
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
 - Camera was damaged last week, we will have to replace domes and recalibrate prior to next deployment for Haddock Expedition
- 902012 - Telepresence on MBARI Research Vessels
 - Updates on PCs caused a soft brick that forced a BIOS rollback.
 - Meeting last thursday.
 - Testing a new feature for users that informs them of current ROV position and geographically nearby annotations: <http://telemaster-u.shore.mbari.org:8000>
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - Arctic Expedition meeting
- Out of Office
 - Vacation Feb 21-25
 - STCW training April 11-15

Week 10

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - Vacation Feb 21-25
 - STCW training April 11-15

Week 9

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations

- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - Vacation Feb 21-25
 - STCW training April 11-15

Week 8

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
 - Radar arrived and mounted on the roof of building B for testing and software development.
- 901101 - Seafloor Mapping
 - Continuing the multi beam hunt met with Teledyne's Paul Devine
- 901206 - Coastal Profiling Float Transition to Science Applications
 - CPF001 back the MEs for oil fill
 - Training last week for new operators
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - New modem installed
 - Old modem may be reparable, SMA connector loose.
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
 - Release v1.0 of new controller. Integrates with streamdeck and provides reliable time sync
- 902012 - Telepresence on MBARI Research Vessels
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- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office
 - Vacation Feb 21-25
 - STCW training April 11-15

Week 7

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 6

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications

- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office

Week 5

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Cruise in February has been swapped on request from the Aquarium, now deploying June 2-7
 - Strobes have been serviced.
 - Coordinating with Larry Bird for information transition.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Initial physical checks on CPF001 complete, some issues found.
 - Great progress on the buoyancy issues, it seems some elmo limits are causing unexpected behaviors without error reporting.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Radar Meeting last week
 - Brief check on data integrity for gain changes
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
 - Did concept design and brief review with group last week for rack units.
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
 - Had meeting last week, will be delaying OR involvement until April.
- Overhead
- Out of Office

Week 4

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Technical kickoff meeting with 3DatDepth last week, follow on last Friday by a software tour.
 - Coordinating speed tests with Dominic at 3DatDepth
 - Sled Change set for Monday the 14th
 - Strobes submitted to shop for service.
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Monday meeting to layout production plans, goals for June.
 - Configuration interface near completion.
 - CPF001 is in my office, production tests beginning.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Boards in progress for Battery Controller
 - Meeting last week with JHU APL
 - Other CANBUS changes ongoing.
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR

- Kickoff meeting in progress
- 902012 - Telepresence on MBARI Research Vessels
 - Hoku labs contracts complete
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
 - Kickoff this friday
- Overhead
- Out of Office

Week 3

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - Technical kickoff on tuesday for 3d@depth subcontract
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- 901206 - Coastal Profiling Float Transition to Science Applications
 - Working with Paul Coenen, almost time to start production checkouts on CPF001.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - BatteryController into ETs for assembly
 - Radar group meeting last week
 - Helping Rob with Radar tasks
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
 - Meeting last thursday
 - Finalizing SOW and Collab agreement with Leila Takayama
- 902204 - Scalable Marine Robotics Foundations
 - Brief chat with GT last week, mostly advising on upcoming cruise work and moving.
- DQ2032 - DOE Wave-Energy Control
- Overhead
 - Wrote 2021 highlights, review with Alana.
- Out of Office

Week 2

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
 - 3DatDepth scoping effort
 - Initial meeting
 - SOW review
 - Wishlist generation
 - New Multibeam Sonar
 - Reviewing past selections, soliciting new quotes
 - General search for new systems
 - Cruise Prep, at sea Feb 17-24 Octopus Garden
- 901206 - Coastal Profiling Float Transition to Science Applications
 - Aiding in troubleshooting the buoyancy engine issues at depth.
 - Reclassifying the buoyancy engine for depths < 150 meters temporarily.
 - Working with Paul Coenen to get Floats 1 and 2 operational.
- 901405 - Wave-Energy Conversion for Oceanographic Applications

- New modem cabled/tested, in Todd Ruston's hands for configuration.
- Testing radar data converter, getting Rob involved in the analysis
- Installed rotating safety light on top hat to ensure notice of live 300V in hazardous areas.
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
 - Start of year meetings
 - L. Takayama Collaboration Paperwork
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
 - Welcome to Michael
- Overhead
- Out of Office

Week 1

- 708164 - Integrating efficient and dependable wave power generation
- 708167 - WEC Dynamics and Control
- 901101 - Seafloor Mapping
- 901206 - Coastal Profiling Float Transition to Science Applications
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901700 - Acoustical Ocean Ecology
- 901911 - ROVVR
- 902012 - Telepresence on MBARI Research Vessels
- 902204 - Scalable Marine Robotics Foundations
- DQ2032 - DOE Wave-Energy Control
- Overhead
- Out of Office