

Mike Risi

Week 53

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 662000 - Software Eng
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation
 - December 21 - January 4: Vacation

Week 52

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 662000 - Software Eng
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation
 - December 21 - January 4: Vacation

Week 51

- 200105 - Core Nav - MDUC

- Working on vorne process with test display
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Implementing rov-control commands
 - Continuing Qt Pilot GUI development
- 662000 - Software Eng
 - Made last trip to MBARI to pick equipment for shutdown, setting up office at home
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation
 - December 21 - January 4: Vacation

Week 50

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Porting xojo Pilot GUI to Qt
- 662000 - Software Eng
 - Upgrading OS on office workstation
 - Sexual Harassment Prevention Training
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
 - Working on prototype user interface for, "The Rack"
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
 - Helped out with setup of the ZMQ/LCM bridge for testing
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation
 - December 21 - December 24: Vacation

Week 49

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation

Week 48

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation

Week 47

- 200105 - Core Nav - MDUC
 - Meeting with Rich on misc. development and repo clean-up questions
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Adding/testing commands to generic rovr-control system
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
 - Updated MiniROV ZMQ interface doc

- Modified ZMQ to LCM bridge to publish new LCM types
- Created process to handle CLUMP topic
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation

Week 46

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation

Week 45

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation

Week 44

- 200105 - Core Nav - MDUC
 - Tested new core nav software on Western Flyer
 - Continuing process development
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
 - Participated in cruise to survey Sur Ridge, clam fields, and test sled and software improvements.
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation

Week 43

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation

Week 42

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR

- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation

Week 41

- 200105 - Core Nav - MDUC
 - Meeting with Rich S. to go over remaining processes to develop and deployment plan.
 - Continuing work on UHS and overlay processes.
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
 - Moved way-point processor to standalone process to help with user access.
 - Got Kearfott watchdog working for cruise.
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - October 12-17: Ocean Imaging Cruise
 - October 19-23: Vacation

Week 40

- 200105 - Core Nav - MDUC
 - Working on UHS process
 - Configuring prototype for testing on October 12th cruise
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
 - Misc. prep for upcoming cruise
 - Way-point processing completed, testing on scripts from previous expeditions
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation

- May 26-29: Vacation
- June 29 - July 1: Vacation
- September 7 - September 11: Vacation
- September 30 - October 2: Vacation
- October 12-17: Ocean Imaging Cruise

Week 39

- 200105 - Core Nav - MDUC
 - Getting prototype system ready for testing on October 12th cruise.
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
 - Setup software on nuc to test MARS mini node NPC stack
- 901101 - Ocean Imaging
 - Added position loop around track-line velocity loop to allow for position based move commands.
 - Testing way-point concept with new track-line move commands
- 901809 - Deep Sea Bioinspiration
 - Documenting LCM types for mid-water tracking control system
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 38

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
 - Working on way-point and scripting changes for Ocean Imaging control systems
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 37

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 36

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 701127 - MARS O&M III
 - Working on test software to verify the node power controller ADC boards
- 901101 - Ocean Imaging
 - Working on way-point and scripting changes for Ocean Imaging control systems
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 7 - September 11: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 35

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Continued adding user interface commands to the generic ROV control system
- 701127 - MARS O&M III
 - Working on test software to verify the node power controller ADC boards
- 901101 - Ocean Imaging
 - Starting way-point and scripting changes to Ocean Imaging control systems for the October 12th cruise

- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 34

- 200105 - Core Nav - MDUC
 - Ran into problem running old navproc code due to datamanger issues with Ubuntu 20.04. Will use virtual machine with older version if I can't resolve the problem.
 - Pan and tilt simulator nearly complete.
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Meeting with Steve to go over concept for target hunting mode in mid-water tracking control system.
 - Working on interface to transition between hunting and tracking modes.
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
 - Misc. phase 2 meetings and feedback
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 33

- 200105 - Core Nav - MDUC
 - Continuing work on pan and tilts for Doc Ricketts.
 - Looking into ZMQ interface to facilitate accessing data during cruises.
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Updated opencv to version 4 on home development machine. Updating code to work with new version.
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - Helped MOB MiniROV for ML-Tracking tests on 8/10/2020 cruise. The cruise was canceled but I'm planning on doing some software testing in the test tank with Paul Roberts since MiniROV is currently configured for this work.
- 901911 - ROVVR
- Overhead
- Out of Office

- February 19-22: Ocean Imaging Cruise
- March 9-12: Vacation
- May 26-29: Vacation
- June 29 - July 1: Vacation
- September 30 - October 2: Vacation
- October 12-17: Ocean Imaging Cruise

Week 32

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 31

- 200105 - Core Nav - MDUC
 - Working on plan with Rich to test hardware on ships
 - ZMQ interface design for navproc software
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Preparing Vision-only registration survey test on Ventana in September
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - Misc. MOB meetings for BioInsp August Flyer cruise
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 30

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock

- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - Finished ML-tracking tests in test tank
 - Tested ML-tracking and control code on two day cruise series using MiniROV on Rachel Carson
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 29

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 28

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 26

- 200105 - Core Nav - MDUC

- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Testing of mid-water tracking control system with Steve Rock in test tank
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - Working on GUI mid-water tracking control system
 - Camera testing and calibration of mid-water tracking cameras
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 30 - October 2: Vacation
 - October 12-17: Ocean Imaging Cruise

Week 25

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 24

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Working on generic ro-v-control application for ROVs
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - Worked on stitched stereo image publisher using USB camera for testing
 - Added frame grab feature to stere_sub util to grab calibration images
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation

- May 26-29: Vacation
- June 29 - July 1: Vacation
- September 18-29: Ocean Imaging Cruise
- September 30 - October 2: Vacation

Week 23

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
 - Adding lever arms to DVL position integrator
- 600034 - Control Tech - Rock
 - Working on generic rov-control application for ROVs
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - Started test of midwater tracking control system
- 901911 - ROVVR
- Overhead
 - Installed Ubuntu 20.04 on development computer
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 22

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 21

- 200105 - Core Nav - MDUC
 - Project meeting with Rich S.
 - Working on LCM based control source for pan and tilt port
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
 - Finished basic input sources to rov-control

- Working LCM position source that uses DVL and compass
- 600034 - Control Tech - Rock
 - Finished all standard input publisher and subscriber classes
 - Working control loop implementation
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - May 26-29: Vacation
 - June 29 - July 1: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 20

- 200105 - Core Nav - MDUC
 - Working on class for ROS PT-10 and PT-25 pan and tilts
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
 - Working on input sources for rovr-control
 - Meeting with Dale to discuss 2021 work and test plan for tentative June work in test tank
- 600034 - Control Tech - Rock
 - Working on rovr-control application for ROVs
 - Meeting with Steve to discuss 2021 work and stereo camera setup
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 19

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
 - Updating station keeping software to use pcon-lib
- 600034 - Control Tech - Rock
 - Working on generic rovr-control application for ROVs
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation

- September 18-29: Ocean Imaging Cruise
- September 30 - October 2: Vacation

Week 18

- 200105 - Core Nav - MDUC
 - Started working on pan and tilt code
 - Meeting with Rich on remaining work, and plan for deployment
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
 - Working with Dale on ZMQ interface to MiniROV
 - Updating station keeping software to use pcon-lib
- 600034 - Control Tech - Rock
 - Working on generic rov-control application for ROVs
 - Final review of mid-water tracking control with Steve Rock
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
 - Input for return to work and MBARI access priority
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 17

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
 - Worked on ZMQ interface code
 - Bringing control system up to date with precision control framework
- 600034 - Control Tech - Rock
 - Removed Linux specific code in update timer
 - Finished first cut of mid-water tracking control system, ready for tank test
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - Added stitched stereo capability to mid-water tracking apps
- 901911 - ROVVR
- Overhead
 - Misc. input for department budget projection and return to work planning.
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 16

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV

- Working on ZMQ PUB/SUB interfaces to MiniROV
- 600034 - Control Tech - Rock
 - Continuing plumb in signals and testing with LCM log files
 - Working on first cut of gain scaling for the range and lateral control loops
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - Shared LCM type repo with cvision
 - Update of control system re-write at weekly meeting
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 15

- 200105 - Core Nav - MDUC
 - Meeting with Rich S. to go over status, and next steps
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
 - Documenting ZMQ interface.
- 600034 - Control Tech - Rock
 - Finished core of midwater tracking control system, starting to plumb in signals
 - Review of midwater tracking control system with Steve Rock
 - More work clean up LCM control framework
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - More clean up of midwater tracking apps
 - Sent out stereo stitch concept to group for comment
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 14

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Continuing clean up of LCM framework
 - Working on UI commands for midwater tracking control system
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - Cleaning up mwt-apps repo (AKA mesobot-tracking)
 - Created repo for shared LCM types and associated classes
 - Implemented stitched stereo message to deal with stereo sync issues

- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 13

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
 - Working on LCM frame work for precision control projects
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
 - Updating midwater tracking control system based on results from last cruise
 - Misc. meetings with ML-tracking team
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 12

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 11

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead

- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 10

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 9

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
 - Tested software changes and new strobe rotators at sea
- 901809 - Deep Sea Bioinspiration
 - Helped prepare for an external review demonstration of mid-water tracking
 - Preparing MiniROV for next week's cruise series to test mid-water tracking
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 8

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
- 901809 - Deep Sea Bioinspiration
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise

- March 9-12: Vacation
- September 18-29: Ocean Imaging Cruise
- September 30 - October 2: Vacation

Week 7

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
 - Met with Dave to go over anticipated patch tests for next weeks cruise. Testing patterns against simulator.
 - Tested new strobe rotators with Moxa RS-485 interface. Modified the ROS positioner class slightly to take advantage of new ramping velocity commands in current model of rotator. Rotators are now mounted on the sled and ready to go.
 - Misc. help with Ocean Imaging MOB.
- 901809 - Deep Sea Bioinspiration
 - Finished process to publish VARS annotations to LCM log and tested against the MiniROV VARS system.
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 6

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock
- 901101 - Ocean Imaging
 - Testing first cut of automated surveys for February cruise series
- 901809 - Deep Sea Bioinspiration
 - Testing VARS microservice that Brian S. added to access annotation information in real-time over ZMQ
 - Working on subscriber to publish VARS annotations to LCM log for the March cruise series
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - March 9-12: Vacation
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation

Week 5

- 200105 - Core Nav - MDUC
- 300062 - DMO Support-DR
- 300080 - DMO Support-Mini ROV
- 600034 - Control Tech - Rock

- 901101 - Ocean Imaging
 - Finished LCM interface for (<https://www.rosys.com/>) light tilter
 - Added control loop to light tilter interface so lights track sled angle. Tested code on deployment computer
 - Working on survey automation
- 901809 - Deep Sea Bioinspiration
 - Working with Paul on MiniROV machine vision camera integration for March cruise series
 - Started working on queued subscriber class so tracking software can receive updates from external processes
- 901911 - ROVVR
- Overhead
- Out of Office
 - February 19-22: Ocean Imaging Cruise
 - September 18-29: Ocean Imaging Cruise
 - September 30 - October 2: Vacation