

Brian Kieft

Week 53

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Intermittent vacation until next year. Also Dec 25-29

Week 52

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Supported docking and LBL deployment in Buzzard's Bay
 - Added latch delay fix
- 800139 - EyeRIS
- 901009 - CANON
 - Supported MBTS deployment
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Engineering tests offshore for docking and quick GPS.
 - Supported tank docking tests.
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Intermittent vacation until next year. Also Dec 25-29

Week 51

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV

- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Added a latch delay feature for docking deployment today
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Testing on Pontus offshore and working on Tethys for a docking run
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Will not be in the office due to quarantine policy

Week 50

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Added a latch delay feature for docking deployment today
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Testing on Pontus offshore and working on Tethys for a docking run
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Will not be in the office due to quarantine policy

Week 49

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Weekly meeting.
- 800139 - EyeRIS
- 901009 - CANON
 - Supporting MBTS deployment for Daphne and Pontus
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Testing quick GPS fix mission

- Working on USBL mode integration
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
 - Met briefly to discuss data dissemination
- 902009 - AUV UI
 - Followup meeting to discuss command and schedule queues. Design decision meeting tomorrow.
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - 12/3 - Thur (kids)
 - 12/7-8 (travel)

Week 48

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Working on integration of USBL mode for Benthos DAT component. Initial lab testing was favorable.
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
 - Attended design workshop Tuesday and initial concept review yesterday. Wrapping up that meeting today and will schedule the final concept review for early December.
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - 11/23-11/27 (Thanksgiving w/ boys)

Week 47

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
 - On call for MBTS deployment
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Debugging water current estimator
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Working on USBL high speed implementation
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
 - Held brainstorming workshop. Design review to follow next week followed by end of year summary.

- DQ1935 - Goodwin eDNA II
- Overhead
 - Took second covid test and am cleared to return.
- Out of Office
 - Work from home until PCR/Antigen tests return.
 - 11/23-11/27 (Thanksgiving w/ boys)

Week 46

- 300082 - DMO Support - Wave Glider
 - Covered some piloting for Station M return
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Supporting docking tests in Buzzard's Bay
 - Wrapped up reverse thrust for undocking
- 800139 - EyeRIS
- 901009 - CANON
 - Supporting MBTS deployment
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Work from home until PCR/Antigen tests return.
 - 11/19-11/27 (Thanksgiving w/ boys)

Week 45

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Helping to debug reverse thrust on polaris and support upcoming deployment
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Engineering deployment to test DAT line capture homing
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
 - Supporting WET program crab pot recovery proof of concept
- Out of Office
 - Wednesday 11/2-11/5

Week 44

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Wrapped up reverse thrust testing and debug. Ready to test in the tank
 - Preparing for deployment in Buzzard's Bay
 - Updated repo for new bootloaders
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Preparing for deployment in Monterey Bay on Monday
- 901800.96 - Whisker Capture Box
 - Met to discuss our own design
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
 - Covid testing
- Out of Office
 - Wednesday 10/28

Week 43

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
 - See CANON
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Finally wrapped the mystery of the bootloader binaries. Issue was the compiler version. Got phytec to update their FTP site as well since they reproduced the issue too.
 - Added ADC count output writer to IR docking sensor
- 800139 - EyeRIS
- 901009 - CANON
 - Wrapped up CANON with recovery and negatives on Friday. This fall campaign went really well from an engineering perspective.
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Working on reverse thrust (again). Seemed to be going well but hit a snag with dead spots that pop up every so often. Working with the vendor as well to solve and set up a test rig for diagnostics.
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
 - Working on sorting out some data from our Lake Erie projects with GLERL.
- Out of Office
 -

Week 42

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
 - Assisting CANON operations
- 600034 - Control Tech - Rock
 - Reviewing data from last TRN run
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Working on reverse thrust and various JIRA issues in preparation for the next docking deployment
 - Debugging issues with the bootloader. Working with phytec to figure out a file size discrepancy between online binaries and those built from source.
- 800139 - EyeRIS
- 901009 - CANON
 - Participating in the Fall CANON campaign with Makai/Pontus. So far it's going quite well and the team has, for the first time ever, taken both ESP and sipper samples at the same time from the same vehicle.
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - 10/19 - Monday

Week 41

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - 9/30 - 10/05 (mom AZ)

Week 40

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
 - Sent off logs for analysis to Steve
- 708133 - eAUV Technology
- 708158 - DHS Y7

- Assisting with Polaris deployment in Buzzards bay
- Troubleshooting new SOM and updating bootloaders to be backward compatible with the new/old NAND flash device on the latest revision of the SOM.
- 800139 - EyeRIS
- 901009 - CANON
 - Preparing for upcoming experiment. Modifying behavior/mission for dual sampling
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - 9/30 - 10/05 (mom AZ)

Week 39

- 300082 - DMO Support - Wave Glider
 - Piloting Tiny/Hansen
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7
 - Finished up JIRA issues in preparation for deployment.
 - Have been assisting with SOM bootloader issues
 - Advising on kernel upgrade options
 - Loaded latest release after testing in (their) lab.
 - Meeting today to discuss further deployment details
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Deployed Tethys yesterday following multiple harbor tests addressing acommms issues
 - Testing DEIMOS camera and ESP sampling missions with waveglider Tiny. Then on to Portuguese ledge for dual vehicle relative position TRN runs.
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - TBD early October

Week 38

- 300082 - DMO Support - Wave Glider
 - Debugging issues with LF connection to SES at MARs.
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
 - Working on 2 vehicle relative positioning for TRN runs. Harbor testing
- 708133 - eAUV Technology

- 708158 - DHS Y7
 - Wrapped up DHS Jira issues 1,2,4,5 relating mostly to the DDM interface
- 800139 - EyeRIS
- 901009 - CANON
 - Figuring out requirements/missions for coincident water/ESP sampling
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Preparing for deployment Monday 9/21 to test multi vehicle TRN, DEIMOS live depth adjustment for camera capture of layers, and possible homing tests with DAT.
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
 - Covid tests, proposal work for BIOSWAT, etc.
- Out of Office
 - TBD early October

Week 37

- 300082 - DMO Support - Wave Glider
 - Used Tiny for acomms testing on Tethys/Pontus. Thanks to Chris and the team for the very fast turnaround after significant glider/wing damage during the Station M deployment
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
 - See below. TRN runs at Portuguese Ledge.
- 708133 - eAUV Technology
- 708158 - DHS Y7
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Large engineering deployment for Tethys/Pontus that ran 8/31 until we recovered yesterday. Testing included new behaviors for current estimation, new components for altitude, the backseat sonar computer, an obstacle avoidance test, multi-vehicle TRN testing, a shark bite, and many bug fixes.
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
 - Pre interview with Madison on STEM project
- Out of Office

Week 36

- 300082 - DMO Support - Wave Glider
 - A bit of piloting over the last 46 days. Congrats to Chris on a new record for MBARI! Damage is currently preventing Tiny from continuing to support the LRAUV engineering deployment.
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y7

- Minor fixes in JIRA and weekly meeting
- 800139 - EyeRIS
- 901009 - CANON
 - Supported recent MBTS run with Daphne
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Currently involved in an engineering deployment with Pontus and Tethys to test a large merge and some acommms fixes.
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Vacation 8/27-31
 - WFH this week. Got reapproved for entry following a backpacking trip. Will return onsite on my normally approved days.

Week 35

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 34

- 300082 - DMO Support - Wave Glider
 - Troubleshooting a bit with waveglider issues returning from Station M
 - Assisting with bringup of new 1U hotspot payload
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Wrote an ocean current estimation behavior. Sim/tank tests passed. Will test offshore soon.
 - Met with team today to discuss progress/plans
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Worked a bit on sonar/backseat integration

- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
 - Team is actively watching this deployment and beginning to roll out user testing
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 33

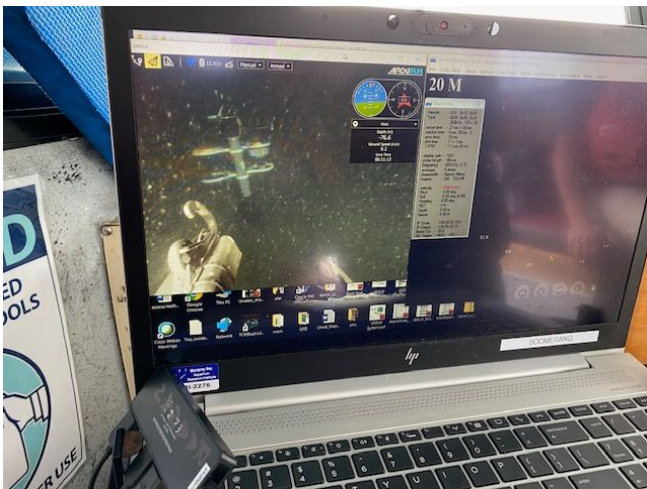
- 300082 - DMO Support - Wave Glider
 - Assisted with geolocation of Rover
 - Hacked up a temporary script to get around a CCU issue preventing backseat control
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
 - Preparing for next run at Portuguese ledge which will involve relative positions between two vehicles
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Assisted Noa with some WHOI micromodem questions and configuration issues
- 800139 - EyeRIS
- 901009 - CANON
 - Assisted with deployment of REACT PCO2 vehicles. Will check status on them again today.
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Working on current estimator derived from DVL measurements while underway
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
 - Met with team to incorporate our corporate partner Sliced Bread and continue on with the next phase of testing
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 32

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 31

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
 - Sent latest Portuguese ledge data off
- 708133 - eAUV Technology
 - Support for ESP during CANON
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
 - Supporting ongoing summer experiment
 - Recovered Brizo and discovered shark bite
 - Used hotspot to locate missing CPF
 - Assisted building up blue ROV for this and future shallow recoveries



- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 30

- 300082 - DMO Support - Wave Glider

- Geolocation of CPF via Waveglider
- 300083 - DMO Support - LRAUV
 - CANON
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
 - Participating in summer field program
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
 - CANON prep, deployment, and ongoing support.
- Overhead
- Out of Office

Week 29

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - 7/20-24 tentative

Week 28

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI

- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - 7/20-24 tentative

Week 26

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Working through JIRA issues
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Acomms testing
 - Reviewed deployment data
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
 - Met with team to review progress and prepare for proposal
- DQ1935 - Goodwin eDNA II
- Overhead
 - Meetings for work on UX and ROS proposals
- Out of Office
 - 7/20-24 tentative

Week 25

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
 - Supported MBTS deployment this week
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 -
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
 - Met with team to view latest status. Things are progressing nicely and we will involve our corporate partner (<https://www.slicedbreaddesign.com/our-work>) soon.
 - Planned a status to include in this year's proposal
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 24

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Supported docking test deployment in Buzzards Bay.
 - Debugging failure on dynamic docking module.
 - Added some new feature requests in JIRA
 - Vehicle recovered Thursday.
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Prepared Brizo for first sea trial test, ESP test, and acomms test
 - Deployed Brizo yesterday and daphne today for joint testing. Some minor issues so far but generally a good first sea trial.
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 23

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Tested bug fixes in WHOI lab for DDM component
 - Prepared for Polaris deployment. Vehicle was launched yesterday in Buzzard's Bay
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Prepped ESP/Brizo for launch
 - Tested new ESP scripts for OTH ESP configuration
 - Configuring DATs for installation
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 22

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock

- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Added a fix to allow dynamic docking module to be more compliant with failures to retrieve status information while changing modes
 - Assisted in debugging a potential kernel issue on our SPI/UART bus that was causing docking failures during the last deployment.
 - Fixed some typos in the DVL code
 - Met with team to prepare for upcoming payload integrations, cruise, and a deployment next week.
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - LCM architecture meeting
 - Worked with Mike G on coordination of acoustics fixes
 - Tested power variable that's now being written
 - Tested acomms from topside to vehicle and noted bugs existing in inner-vehicle acomms for the Benthos subsystem specifically.
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 21

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Analyzing issues from last deployment and debugging whisker box problems.
 - Met to discuss deployment plans
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Further work on SLCD for LCM architecture
 - Cleaned out some bugs in JIRA
 - Testing some feature branches on makai/brizo
 - Assessing issues with Benthos modem and DAT data transfer
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
 - Met with the team to go over progress to date. They've done a great job thus far. Will be separating out state/situational awareness from mission planning. Will plan to pull the trigger on the UI design company once simulation analysis is done.
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 20

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 19

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Preparing for deployment in Buzzard's Bay tomorrow!
 - Met with team to discuss plans and year 7 budget/tasks
- 800139 - EyeRIS
- 901009 - CANON
 - Reviewed initial experiment plan
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Added automation of ballast and trim and tested in tank
 - Fixed issue with old SSL version on new okeanids dash front end
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 18

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Reviewing budget
 - Reviewing proposed MB sonar and INS integration
 - Met with team to discuss progress and plans for deployment
 - Assisted with standalone binaries for host side simulation of under ice missions at WHOI
 - Fixed a minor bug associated with tracking acoustic targets in sim

- 800139 - EyeRIS
- 901009 - CANON
 - Reviewed rough deployment plan for June
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Automated B&T value acceptance and tested in sim
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 17

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Met to discuss last docking mission and go over vertical control
 - Assisted with plotting tools on whoidash
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
 - Quick final read of Yanwu's paper
- 901800 - LRAUV Payload & Support
 - Build environment work on tethyscode2
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
 - Various engineering meetings and action item response
 - Pulled some images for the annual report
- Out of Office

Week 16

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Weekly meeting to discuss plans and data review
 - Y7 budget/scoping
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Working on SLCD for backseat architecture
- 901800.96 - Whisker Capture Box

- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office

Week 15

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Meetings to discuss next deployment
 - Review of data from last deployment
 - Working on data flow on whoi dash
 - Found bug in upward looking DVL code and made a fix
- 800139 - EyeRIS
- 901009 - CANON
 - Identified bug in Wetlabs sensor following Monique's analysis of backscatter data. Logged in JIRA but have not implemented a fix yet
- 901513 - Targeted Sampling by AUVs
 - Minor clarification for Yanwu's paper
- 901800 - LRAUV Payload & Support
 - Refactoring test architecture and attempting to add coverage and static analysis
 - Working on BSD architecture with the team
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
 - Weekly meetings
- Out of Office

Week 14

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Mar 2 - 10, Vacation, GMT -7

- July 18-31 Arctic, ADT

Week 13

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Reverse thruster testing
 - Data review
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
 - Test architecture updates
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
 - Eng meeting
- Out of Office
 - Mar 2 - 10, Vacation, GMT -7
 - July 18-31 Arctic, ADT

Week 12

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Mar 2 - 10, Vacation, GMT -7
 - Mar 16-29 Michigan (NMU) under ice, EDT
 - July 18-31 Arctic, ADT

Week 11

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology

- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Mar 2 - 10, Vacation, GMT -7
 - Mar 16-29 Michigan (NMU) under ice, EDT
 - July 18-31 Arctic, ADT

Week 10

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Mar 2 - 10, Vacation, GMT -7
 - Mar 16-29 Michigan (NMU) under ice, EDT
 - July 18-31 Arctic, ADT

Week 9

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Added upward looking DVL interface
 - Troubleshooting network issues at WHOI
 - Lab testing with remote team
 - Meetings to prepare for March under ice demo in Lake Superior
 - Wrote summary of February under ice demo
- 800139 - EyeRIS
- 901009 - CANON
 - Tested DVL firmware fix on Pontus
 - Prepped vehicle software for launch tomorrow

- 901513 - Targeted Sampling by AUVs
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Mar 2 - 10, Vacation, GMT -7
 - Mar 16-29 Michigan (NMU) under ice, EDT
 - July 18-31 Arctic, ADT

Week 8

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6



- LRAUV B team was on location at WHOI and also in Maine running under ice tests of the WHOIDHS vehicle recently named *Polaris*. This was the first time an LRAUV was run under the ice and, while there's more work to be done, initial results were very positive.
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
 - Pulled minor data for Yanwu's paper
- 901800 - LRAUV Payload & Support
 - Setting up test bed on Brizo for Tom's LCM tests
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
 - Working on final details of the SOW and ICA with Sliced Bread.
 - Responding to Kevin on simulator issues
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Feb 1-13 WHOI/Maine under ice, EST
 - Mar 2 - 10, Vacation, GMT -7
 - Mar 16-25 Michigan (NMU) under ice, EDT
 - July 18-31 Arctic, ADT

Week 7

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901706 - Fault Prognostication
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Feb 1-13 WHOI/Maine under ice, EST
 - Feb 17-21 Ocean Sciences?, PST
 - Mar 2 - 10, Vacation, GMT -7
 - Mar 16-25 Michigan (NMU) under ice, EDT
 - July 18-31 Arctic, ADT

Week 6

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 600034 - Control Tech - Rock
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - On Deployment at WHOI running test missions in Buzzards Bay prior to heading to N Maine for under ice. A delayed shipment and weather are causing delays for Maine but we hope to head up on Saturday.
 - Vehicle arrived in good shape and everyone here at WHOI is happy to have it on the E coast!



- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901706 - Fault Prognostication
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI

- DQ1935 - Goodwin eDNA II
- Overhead
- Out of Office
 - Feb 1-13 WHOI/Maine under ice, EST
 - Feb 17-21 Ocean Sciences?, PST
 - Mar 2 - 10, Vacation, GMT -7
 - Mar 16-25 Michigan (NMU) under ice, EDT
 - July 18-31 Arctic, ADT

Week 5

- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
 - Prepared LRAUV daphne for mbts run. Mission debugging and vehicle prep
- 600034 - Control Tech - Rock
 - Met to discuss plan for 3 vehicle run and go over recent results with Rowe DVL
- 708133 - eAUV Technology
- 708158 - DHS Y6
 - Ran tests of new under ice behaviors and missions over the weekend and shipped equipment for testing under ice on the east coast next week.
 - Met with WHOI team to discuss logistics
- 800139 - EyeRIS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
 - Pulled some data for an upcoming paper
- 901706 - Fault Prognostication
- 901800 - LRAUV Payload & Support
- 901800.96 - Whisker Capture Box
- 901800.98 - Bioacoustic Payload
- 902009 - AUV UI
- DQ1935 - Goodwin eDNA II
- Overhead
 - Meet with Mesobot team to discuss plans for this year
 - Hosted seminar speaker
- Out of Office
 - Feb 1-13 WHOI/Maine under ice, EST
 - Feb 17-21 Ocean Sciences?, PST
 - Mar 2 - 10, Vacation, GMT -7
 - Mar 16-25 Michigan (NMU) under ice, EDT
 - July 18-31 Arctic, ADT