

Brian Kieft

Week 51

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 12/18-12/27 (MST)
 - 12/28-01/01 (MST)
 - 02/12-02/16 (MST)

Week 50

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
 - Supporting MBTS deployment, Piscevore deployment, and previous piscevore deployment last week.
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - More docking all the time!
 - Met with Elecia to firm up MMP testing. Fix is in, gotta test now.
- 902102 - Multi-LRAUV Simulation Environment
 - Quick sim test for LCM compatibility
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
 - 2 interviews this week
- Out of Office
 - 12/18-12/27 (MST)
 - 12/28-01/01 (MST)
 - 02/12-02/16 (MST)

Week 49

- 300082 - DMO Divisional Support - Wave Glider
 - Recovered Hansen
- 300083 - DMO Divisional Support - LRAUV
 - Supporting Piscivore deployment
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
 - Helped out with tank testing late last week.
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Supporting UAV coordinated mission but it got scrubbed due to ceiling.
 - Looking into slowYo testing
 - Preparing for more docking tests.
- 902102 - Multi-LRAUV Simulation Environment
 - Went over correct procedure for internal users and tested on multiple machines. Quinn updated the readme to match actuals
 - Fixed LCM networking issue on conduit in lab to enable TRN data to be ingested into GZ sim.
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
 - Reviewing candidate resumes.
- Out of Office
 - 12/04-12/07 Phoenix (MST)
 - 12/25-12/29 vacation

Week 48

- 300082 - DMO Divisional Support - Wave Glider
 - Recovered waveglider hansen yesterday following blue whale observatory deployment
- 300083 - DMO Divisional Support - LRAUV
 - Supporting Pontus piscivore deployment
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Docking data analysis
 - Helping with host sim support for docking
- 902102 - Multi-LRAUV Simulation Environment
 - Helping with gazebo sim support for Rock/TRN
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 12/04-12/07 Phoenix (MST)
 - 12/25-12/29 vacation

Week 47

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 10/23-10/31 vacation (PDT)
 - 11/07-11/10 Phoenix (MST)
 - 11/20-11/27 vacation (PST)

Week 46

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
 - Supporting MBTS deployment
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
 - Working with Yanwu for passive acoustic monitoring
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Lots of docking work! Charging is working and we're honing docking and attempting data transfer.
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 10/23-10/31 vacation (PDT)
 - 11/07-11/10 Phoenix (MST)
 - 11/20-11/27 vacation (PST)

Week 45

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV

- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 10/23-10/31 vacation (PDT)
 - 11/06-11/09? Phoenix (MST)
 - 11/20-11/24 vacation (PDT)

Week 44

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 10/23-10/31 vacation (PDT)
 - 11/06-11/09? Phoenix (MST)
 - 11/20-11/24 vacation (PDT)

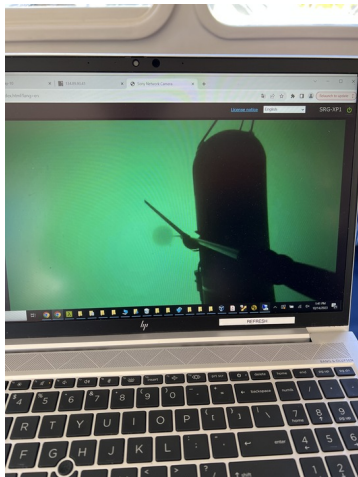
Week 43

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 10/23-10/31 vacation (PDT)
 - 11/06-11/09? Phoenix (MST)
 - 11/20-11/24 vacation (PDT)

Week 42

- 300082 - DMO Divisional Support - Wave Glider

- Piloting Hansen this weekend.
- 300083 - DMO Divisional Support - LRAUV
 - Supporting MBTS and Planktivore deployments this week.
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
 - Troubleshooting and testing offshore of the PAM mission
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations



- Docking runs on Tethys tuning up the horizontal control. Tethys has now officially charged on an underwater dock for the first time!
- Fixed RDI pathfinder and Rowe simulation issues
- SlowYo meeting to go over mass only vertical control progress
- Made a modification to the sci2 mission to terminate a downward yoyo based on light for the ongoing planktivore deployment.
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
 - Uploaded the rest of the EK80 data for the team. Reviewed the oil spill animation that Mike made.
- Overhead
- Out of Office
 - 10/23-10/31 vacation (PDT)
 - 11/06-11/09? Phoenix (MST)
 - 11/20-11/24 vacation (PDT)

Week 41

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment

- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 09/18-09/21 (EDT)
 - 09/25 - 09/29 (EDT)

Week 40

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 09/18-09/21 (EDT)
 - 09/25 - 09/29 (EDT)

Week 39

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 09/18-09/21 (EDT)
 - 09/25 - 09/29 (EDT)

Week 38

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs

- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 09/18-09/21 (EDT)
 - 09/25 - 09/29 (EDT)

Week 37

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 09/18-09/21 (EDT)
 - 09/25 - 09/29 (EDT)

Week 36

- 300082 - DMO Divisional Support - Wave Glider
 - Launched WG Hansen Friday and support blue whale observatory run on Paragon
- 300083 - DMO Divisional Support - LRAUV
 - Supporting MBTS run this coming week
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
 - Helping Yanwu with some build issues
 - Paper review
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Diagnosing issues with acoustics data on Triton. Shutdown command, critical restarts, hwinfolog, wireshark logging
 - Fixed logging messages and stop timing in backseat component
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
 - Prepping for Triton/Makai launch

- Lots of debug on Triton ibase bioacc computer
- Overhead
 - Tech xfer questions for upcoming commercial release. Dev tools list, repos, etc.
 - Prep for Oceans with video lab, etc
 - Budget xfer for UX work
- Out of Office
 - 09/18-09/21 (EDT)
 - 09/25 - 09/29 (EDT)

Week 35

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 09/18-09/21 (EDT)
 - 09/25 - 09/29 (EDT)

Week 34

- 300082 - DMO Divisional Support - Wave Glider
 - Piloting 25th-28th
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
 - Reviewed Yanwu's recent paper on coordinated ESP sampling during CANON
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Met with mgmt to discuss funding for UX development outside services for first 3 mo of Q4.
 - DVL parsing fix was investigated and determined to be dropping bytes. Baud rate reduction seems to have solved the issue system wide
 - Configured planktivore networking and tested on Ahi for upcoming deployment.
 - Troubleshoot issue with shutdown command hanging the system over serial console
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
 - Supporting Triton deployment in Lake Michigan.
 - Reviewed data from Makai bottoming incident
- Overhead

- Out of Office
 - 09/18-09/21 (EDT)
 - 09/25 - 09/29 (EDT)

Week 33

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 08/02 - 08/06 (EDT)
 - 08/06 - 08/09 (PDT)
 - 08/14 - 08/18 (PDT - vacation)
 - 09/26 - 10/04 (EDT)

Week 32

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
 - Packed and launched Makai/Triton from Charleroi Michigan last Friday. Was on call to Monday. Back on Thursday.
- Overhead
- Out of Office
 - 08/02 - 08/06 (EDT)
 - 08/06 - 08/09 (PDT)
 - 08/14 - 08/18 (PDT)
 - 08/16 - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 31

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

- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 08/02 - 08/06 (EDT)
 - 08/06 - 08/09 (PDT)
 - 08/14 - 08/18 (PDT)
 - 08/16 - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 30

- 300082 - DMO Divisional Support - Wave Glider
 - Recovered WG Hansen following bioacc deployment
- 300083 - DMO Divisional Support - LRAUV
 - On call for MBTS
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 -
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
 - Pulled more EK80 data and looking into some data flow issues
 - Worked with Mike on animation for simulated oil spill presentation
 - Pulled full Triton/Makai logs
- Overhead
 - Shipping quote for Denmark
 - Supporting WHOI deployment from the Bigelow. SW releases, GF consults, mission testing, etc.
- Out of Office
 - 08/02 - 08/06 (EDT)
 - 08/06 - 08/09 (PDT)
 - 08/14 - 08/18 (PDT)
 - 08/16 - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 29

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

- Supported Pontus deployment this past week/weekend
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
 - Discussed lessons learned from Muskegon oil spill testing.
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Working with WHOI to support their upcoming cruise. New missions and work on the strobe/camera system
- 902102 - Multi-LRAUV Simulation Environment
 - Sim is broken. Fixed netcdf file wget issue but need to deal with gazebo plugin path issue on the docker side now.
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 07/18 - 07/21 (MST)
 - 08/03 - 08/07 (EDT)
 - 08/14 - 08/18 (PDT)
 - 08/16 - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 28

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
 - Emergency recovery of Daphne S of M1 due to failed thruster
 - Supporting MBTS and Pontus deployments
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Met with BioAcc team to discuss plans. Working on reviewing data from great lakes.
 - Supporting WHOI deployment for scallop survey and CDOM work
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
 - Pulling data and working with Mike to get a STOQS campaign set up.
- Overhead
 - Proposals!
- Out of Office
 - 07/18 - 07/21 tentative (MST)
 - 08/03 - 08/07 (EDT)
 - 08/14 - 08/18 (PDT)
 - 08/16 - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 27

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 05/15 (PDT)
 - 06/09-14 (PDT)
 - 06/19 - 06/29 (EDT)
 - 07/03 - 07/07 (TBD)
 - 07/17 - 07/28 tentative (TBD)
 - 08/03 - 08/07 (EDT)
 - 08/16/ - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 26

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 05/15 (PDT)
 - 06/09-14 (PDT)
 - 06/19 - 06/29 (EDT)
 - 07/03 - 07/07 (TBD)
 - 07/17 - 07/28 tentative (TBD)
 - 08/03 - 08/07 (EDT)
 - 08/16/ - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 25

- 300082 - DMO Divisional Support - Wave Glider

- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 05/15 (PDT)
 - 06/09-14 (PDT)
 - 06/19 - 06/29 (EDT)
 - 07/03 - 07/07 (TBD)
 - 07/17 - 07/28 tentative (TBD)
 - 08/03 - 08/07 (EDT)
 - 08/16/ - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 24

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 05/15 (PDT)
 - 06/09-14 (PDT)
 - 06/19 - 06/29 (EDT)
 - 07/03 - 07/07 (TBD)
 - 07/17 - 07/28 tentative (TBD)
 - 08/03 - 08/07 (EDT)
 - 08/16/ - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 23

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs

- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 05/15 (PDT)
 - 06/09-14 (PDT)
 - 06/19 - 06/29 (EDT)
 - 07/03 - 07/07 (TBD)
 - 07/17 - 07/28 tentative (TBD)
 - 08/03 - 08/07 (EDT)
 - 08/16/ - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 22

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
 - Wrapped up CANON deployment last week following a successful mission for Brizo/Tiny.
 - Makai was recovered early due to an ESP failure.
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
 - Working on water currents and docking sim with Rob
- 902204 - Scalable Robotics
- 706007 Great Lakes
 - Prep continues. Shipping 6/12
 - Bringing up Ahi
- Overhead
- Out of Office
 - 05/15 (PDT)
 - 06/09-14 (PDT)
 - 06/19 - 06/29 (EDT)
 - 07/03 - 07/07 (TBD)
 - 07/17 - 07/28 tentative (TBD)
 - 08/03 - 08/07 (EDT)
 - 08/16/ - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 21

- 300082 - DMO Divisional Support - Wave Glider
 - Recovered Waveglider Hansen in Carmel Bay
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
 - Recovered Makai today.
 - Still helping out with CANON. May be extended
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
 - Getting travel and shipping sorted out
- Overhead
 - Interviews
- Out of Office
 - 05/15 (PDT)
 - 06/09-14 (PDT)
 - 06/19 - 06/29 (EDT)
 - 07/03 - 07/07 (TBD)
 - 07/17 - 07/28 tentative (TBD)
 - 08/03 - 08/07 (EDT)
 - 08/16/ - 08/19 (EDT) alternate
 - 09/26 - 10/04 (EDT)

Week 20

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
- Overhead
- Out of Office
 - 06/09 (PDT)
 - 06/19 - 06/29 (EDT)
 - 07/03 - 07/07 (TBD)
 - 07/17 - 07/28 tentative (TBD)
 - 08/03 - 08/07 (EDT) alternate
 - 08/16/ - 08/19 (EDT)

- 09/26 - 10/04 (EDT)

Week 19

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
 - Wrapped up EcoHAB. Paying bills for boat rentals, reviewing user input, etc.
- 901009 - CANON
 - Working on fix for DAT to enable mission that tracks Waveglider and also transfers data between vehicles.
- 901513 - Targeted Sampling by AUVs
 - Worked with Yanwu to add target threshold
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Working on dock network a bit
 - Investigating RDI issues
 - Planning to deprecate tracking behavior and stick with track_acoustic_contact
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- 706007 Great Lakes
 - Met with team to discuss deployment locations.
 - Vehicle prep on Ahi/Aku
- Overhead
 - Interview work
 - UAV work
- Out of Office
 - 06/09 (PDT)
 - 06/19 - 06/29 (EDT)
 - 07/03 - 07/07 (TBD)
 - 07/17 - 07/28 tentative (TBD)
 - 08/03 - 08/07 (EDT) alternate
 - 08/16/ - 08/19 (EDT)
 - 09/26 - 10/04 (EDT)

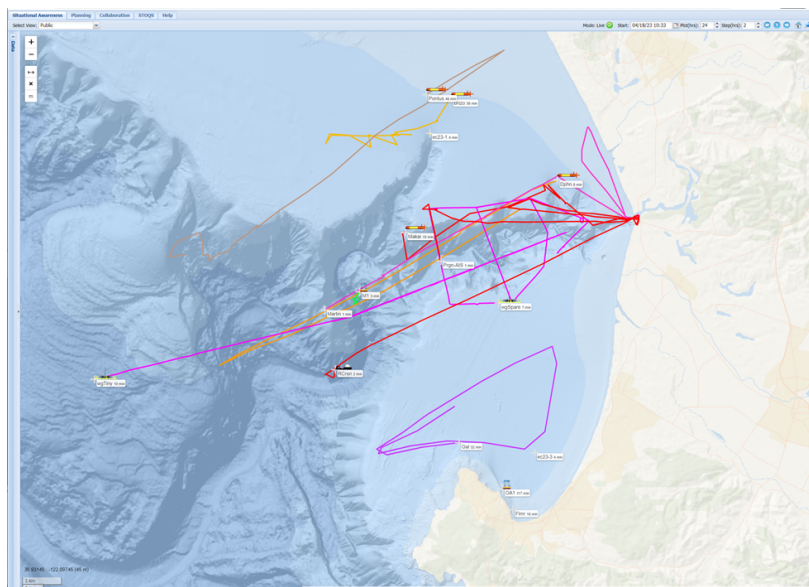
Week 18

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
 - Wrapped up 2023 EcoHAB last week with Pontus/Galene recovery
- 901009 - CANON
 - Found a bug with the DAT component that will affect the planned CANON mission. Wrote a test mission to debug.
- 901513 - Targeted Sampling by AUVs
 - See above
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations

- Met with Steve Rock to discuss next steps in TRN
- 902102 - Multi-LRAUV Simulation Environment
 - Got the sim back up and running on the lab machine. Met with Martin Ludvigsen of NTNU to discuss a sim presentation
- 902204 - Scalable Robotics
- Overhead
- Out of Office
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Week 17

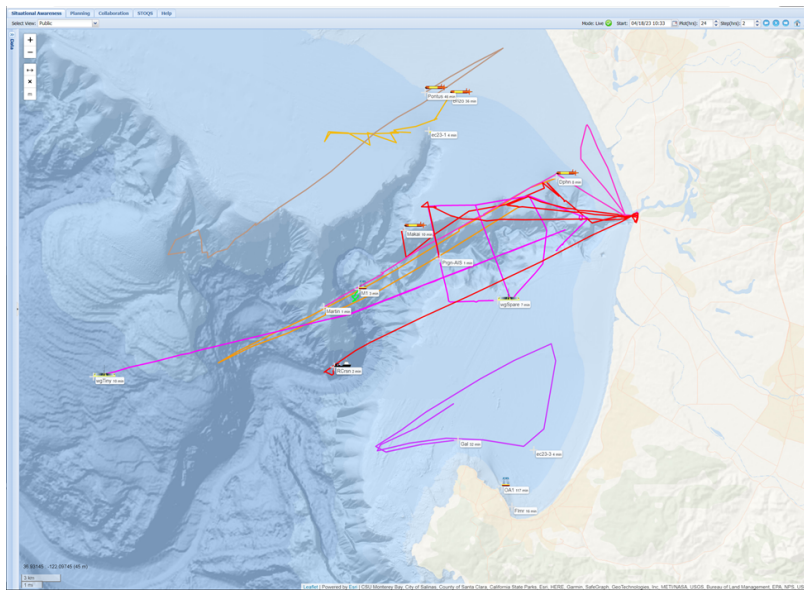
- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS



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- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
- Out of Office
 - 4/27-28
 - 5/1

Week 16

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
 - Lots happening for EcoHAB. 5 LRAUVs and lots of DA showing up.



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- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
 - Interviews
- Out of Office
 - 4/27-28
 - 5/1

Week 15

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
- Out of Office

Week 14

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs

- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
- Out of Office

Week 13

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
 - Prepping for Monday. 3 LRAUVs go out to scout followed by ESPs on Apr 5/10.
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Lots of offshore testing last week. Recovered everything Friday.
 - Debugging satcomms issue on Makai. It's involved.
 - Debugging range closing docking issue with Rob. Solved and ready for test at sea
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
 - Pyxis DVL fix for WHOI
 - General configuration fixes for WHOI as they plan an upcoming sea trial and deployment
 - Hosting WHOI team next week
 - Working with GLERL team next week on ASV testing.
 - Candidate screening calls this week
- Out of Office

Week 12

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
- Out of Office
 - 3/29 - 3/31

Week 11

- 300082 - DMO Divisional Support - Wave Glider

- 300083 - DMO Divisional Support - LRAUV
 - Daphne launch today for MBTS run and some engineering testing
 - Prepping Pontus for deployment today (hopefully)
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Testing MMP mode for Benthos modems
 - Fixed minor issue in Triton backseat mission
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
 - Debugging some issues with WHOI DVLs on new vehicle Pyxis
- Out of Office
 - 3/29 - 3/31

Week 10

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
- Out of Office
 - 3/6 - 3/8
 - 3/29 - 3/31

Week 9

- 300082 - DMO Divisional Support - Wave Glider
 - Loaded hotspot 3 and troubleshoot issues with tracking code.
 - Prepping for PIE work next week
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
 - Fixed missing data issue for water samplers
 - Working on architecture for intraLRAUV acomm ingest into dash from hotspot.
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations

- Debugging tethys oil leak, water ingress, and LCB reset
- 902102 - Multi-LRAUV Simulation Environment
 - Got simulator computer talking with backseat computer and LCM running demonstrated by joystick control in the sim with real hardware in the loop.
 - Got TRN ingest going on the backseat computer from the sim. Next step is ingesting the estimated positions from the backseat to the application and using them to navigate.
- 902204 - Scalable Robotics
- Overhead
- Out of Office
 - 3/6 - 3/8
 - 3/29 - 3/31

Week 8

- 300082 - DMO Divisional Support - Wave Glider
 - Used Tiny to support coordinated sampling mission testing
- 300083 - DMO Divisional Support - LRAUV
 - On call for monthly MBTS Daphne deployment. Samples came back full!
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
 - Met with team to discuss plans for April program. Currently thinking 5 LRAUVs across multiple payloads for informed ESP sampling.
- 901009 - CANON
 - Met with team to discuss plans for May program
- 901513 - Targeted Sampling by AUVs
 - Lots of work this past week on the tag team sampling mission with WG hold. Initial lab tests were successful so we launched Triton to join Pontus and test the coordinated sampling offshore which was also successful. Some minor issues were found on the LRAUV and WG hotspot side which are being resolved and will be field tested again in early March.
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Closed Triton with Quinn and deployed for bioacc testing and CANON coordinated mission testing.
 - Happy to report no critical failures for the entire last week of deployment with across 3 vehicles.
 - Lots of work documenting issues with the new UI.
 - Met with team to discuss upcoming docking work
 - Started looking into battery component issues on Makai
 - Met with Karen to get rolling on UI work
- 902102 - Multi-LRAUV Simulation Environment
 - Simulated the automation of docker push. Will add to daily build scripts
- 902204 - Scalable Robotics
- Overhead
 - Screening calls
- Out of Office
 - 3/3-3/6?

Week 7

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
 - On call for Daphne/Pontus MBTS runs this week. Recovering Daphne today.
- 600034 - Precision Control Technologies for ROVs and AUVs

- 708143 - CA Current HABS
- 901009 - CANON
 - Met with team to discuss coordinated sampling missions for June CANON
- 901513 - Targeted Sampling by AUVs
 - Working with Yanwu to design/test multivehicle coordinated sampling mission for CANON
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Fixed Joystick control on Galene and made a local (mbari) repo for further development
 - Reconfigured and pushed Galene cradlepoint config to IS repo.
 - Selected various missions to either delete, deprecate, or transition to TethysL (i.e. housecleaning)
 - Added B&T and compass cal documentation to deployment plan template. Updated B&T mission with more lenient default values for convergence.
 - Working with Benthos/Elecia to develop lat/lon/depth data return with range. MMP component testing will commence soon.
 - Set up backseat computer (BSC) on sim rig in lab. Will integrate LCM data flow to mimic a real vehicle/BSC.
- 902102 - Multi-LRAUV Simulation Environment
 - Push to docker worked thanks to Ivan. Planning to automate this task as part of our nightly build scripts.
 - Worked with Ivan to get BSC driving the vehicle around. Now to add range/bearing ingest.
- 902204 - Scalable Robotics
- Overhead
 - Investigated grounding incident with WHOI vehicle Stella. While multiple factors contributed to the incident, the primary cause was a faulty DVL.
- Out of Office
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Week 6

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
 - Met to discuss bringing back biolum proxies
- 901513 - Targeted Sampling by AUVs
 - Assisted running passive acoustic monitoring tests offshore on Galene
 - Added simulated acommms xmit for multiple modems to DAT compoment
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Integrated new Waterlinked DVL on Galene
 - Ran sea trial on Galene to test DVL and new mission
 - Bringing up Ahi/Aku
 - Troubleshooting battery issues on Ahi/Makai
 - Assisting with testing of repaired actuators
 - New release underway for winter sea trials
- 902102 - Multi-LRAUV Simulation Environment
 - Push to new repo at mbari successfully done. Now investigating how to automate.
 - Dealing with OSRF overruns from 2021
- 902204 - Scalable Robotics
- Overhead

- Supporting Stella deployment at WHOI
- Out of Office
 - 01/30-02/03 (MST)

Week 5

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
- Out of Office
 - 01/30-02/03 (MST)

Week 4

- 300082 - DMO Divisional Support - Wave Glider
 - Assisted troubleshooting and supported recovery for Tiny
 - Reviewing elevation data for more accurate hotspot geolocation of underwater assets
- 300083 - DMO Divisional Support - LRAUV
 - On call for Daphne MBTS run last week. Updated software release on vehicle.
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
 - Went over CANON mission design and pointed Yanwu to acommms receipt examples
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Went over UX feedback for alpha test deployment
 - Integrating Waterlinked DVL into Galene. Testing offshore later this week
 - Simulated mass only mission for bioacoustic deployment
 - Ahi battery configs
 - Delivered new modem and RX card to Elecia for binary mode testing between the modems.
- 902102 - Multi-LRAUV Simulation Environment
 - Dealing with budget overruns with accounting
- 902204 - Scalable Robotics
- Overhead
 - Screening call and applicant review for embedded position
 - WHOI meeting to discuss Stella deployment.
 - Troubleshooting Stella and getting configuration corrected. Shipped SOMS and reviewed vertical mode debugging.
 - Reviewed internal LRAUV article for behind the scenes
 - Debugged failed nand chip on WHOI SOM for Proxima.
- Out of Office

- 01/30-02/03 (MST)

Week 3

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
- Out of Office
 - 01/17-01/20 (MST/CST)
 - 01/31-02/03 (MST)

Week 2

- 300082 - DMO Divisional Support - Wave Glider
- 300083 - DMO Divisional Support - LRAUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
 - Met with team to plan for spring EcoHAB
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
 - Assisting Yanwu with simulation environment
 - Reviewed patch mapping paper
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
 - Waterlink DVL initial bringup and wiring
 - Discretionary funds request for subcontractor working on Benthos MMP integration
 - Delivering new MF modem to Elecia for testing. Old one has a broken RX card. Will see if it can be repaired.
- 902102 - Multi-LRAUV Simulation Environment
 - Simulation fix on local omen machine
 - Further missions commands have been rolled out to test. Made doc to capture end user input.
- 902204 - Scalable Robotics
- Overhead
 - Investigating DAT sim repo for tech transfer to Benthos.
 - Debugged what appears to be a failed NAND chip on proxima's SOM at WHOI
- Out of Office
 - 01/17-01/20 (MST/CST)
 - 01/31-02/03 (MST)

Week 1

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

- 600034 - Precision Control Technologies for ROVs and AUVs
- 708143 - CA Current HABS
- 901009 - CANON
- 901513 - Targeted Sampling by AUVs
- 901913 - Wet Wifi
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902102 - Multi-LRAUV Simulation Environment
- 902204 - Scalable Robotics
- Overhead
- Out of Office
 - 12/29-01/03 (MST)