

Brian Kieft

Week 30

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office
 - 07/17-07/22 (GMT -4)
 - 07/26-08/07 (GMT +9)
 - 08/26-08/28 (GMT -4)
 - 08/29-09/02 (GMT -5)

Week 29

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
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- Out of Office
 - 07/17-07/22 (GMT -4)
 - 07/26-08/07 (GMT +9)
 - 08/26-08/28 (GMT -4)
 - 08/29-09/02 (GMT -5)

Week 28

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
 - Supporting Ahi/Triton/Pontus deployments
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
 - TRN is now working in sim! Time to head offshore with it.
- 902106 - Niobicon-Based AUV Docking Development
 - Re-assembled, tested, and deployed mock dock for testing with Pontus this week. Will survey in with WG Tiny next week.
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
 - Charged time per Chris' direction.
- Overhead
 - Supporting WHOI deployments. Fixed elevator issue and dropweight sensor issue on Pyxis over weekend. Along track DMG puts it nearly halfway home from Bermuda
 - Supported redeployment of Polaris for scallop surveys. Both Stella/Polaris both had successful runs down south on the shelf.
- Out of Office
 - 07/17-07/22 (GMT -4)
 - 07/26-08/07 (GMT +9)
 - 08/26-08/28 (GMT -4)
 - 08/29-09/02 (GMT -5)

Week 27

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office
 - 07/01 (GMT -7)
 - 07/17-07/22 (GMT -4)

- 07/26-08/07 (GMT +9)
- 08/26-08/28 (GMT -4)

Week 26

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office
 - 07/01 (GMT -7)
 - 07/17-07/22 (GMT -4)
 - 07/26-08/07 (GMT +9)
 - 08/26-08/28 (GMT -4)

Week 25

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office
 - 07/01 (GMT -7)
 - 07/17-07/22 (GMT -4)
 - 07/26-08/07 (GMT +9)
 - 08/26-08/28 (GMT -4)

Week 24

- 300078 - DMO Support - AUV
 - Reviewing hyperion proposal. Labor gaps to fill.

- 300082 - DMO Support - Wave Glider
 - Piloted last weekend
- 300083 - DMO Support - LRAUV
 - Lots of support for the Makai deployment. 3 other LRAUVs also out.
 - Need to fix a handful of things on Makai
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
 - Opah deployment. Looking into GF issues with DAT
 - Investigating mockdock modem failure
 - Lots of work calculating CB/CG on hovering vehicle Tethys
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
 - Went over design ideas for new G4 camera system
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
 - Met with team to discuss proposal
 - Met with end user to hear about Lightfish
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
 - TRN debugging
 - Proposal planning
 - Scrubbed Makai logs for Erie
- Out of Office
 - 07/01 (GMT -7)
 - 07/17-07/22 (GMT -4)
 - 07/26-08/07 (GMT +9)
 - 08/26-08/28 (GMT -4)

Week 23

- 300078 - DMO Support - AUV
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- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office

Week 22

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office

Week 21

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
 - Lots of operations this past week. Ahi, Daphne, Triton, Pontus
- 901513 - Targeted Sampling by AUVs
 - Running the Synchro follow and sample deployment now
- 902101 - LRAUV Technology Development
 - Working on PRs and bug fixes mostly.
 - TRN work continues in GZ sim.
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
 - Assisting with B&T for next deployment
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
 - Working with WHOI a bunch in preparation for the Bermuda LRAUV deployment
- Out of Office

Week 20

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development

- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office

Week 19

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office

Week 18

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
 - Recovery last week and today for a candidate
- 300083 - DMO Support - LRAUV
 - Supported Makai deployment last week/weekend. Had some issues with a broken pole that I repaired offshore and also some rudder issues due to rubbing on the fairing. The deployment was able to continue and was successful.
- 901513 - Targeted Sampling by AUVs
 - Basic concept work for Synchro mission. Assisted with an initial test last week that demonstrated intra vehicle comms triggering a water sample.
- 902101 - LRAUV Technology Development
 - Makai DVL testing for PDO
 - Makai DVL debug for navigation error and bottoming incident (vendor sent incorrect rotation)
 - Very first DAS deployment went well. Demonstrated L&R with 100m of fiber off the tail along with wide radius turns. Underway recovery went smoothly. Some work needed to avoid porpoising in our default mission.
 - Issue found with Tidente sensor on Opah. Vendor sent a custom output with no addendum to the manual. Fixing this output issue and running comparison tests with Bill to compare to our existing pucks.

- Fixed up battery configuration on Ahi, helped close, and tested.
- Testing on Brizo for depth outlier rejection
- Merged in Glider FET code. Now an operational payload currently on Opah.
- Met to discuss dash 5 progress and future steps to encourage user participation
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
 - Multiple comms with SeaSats to get a new quote and get up to speed on their latest accomplishments
- DQ2445 - NOWRDC Uncrewed Systems
 - Attended team huddle
- Overhead
 - Interviewing another candidate today
- Out of Office

Week 17

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office

Week 16

- 300078 - DMO Support - AUV
 - Hyperion meeting
- 300082 - DMO Support - Wave Glider
 - Piloting this weekend
- 300083 - DMO Support - LRAUV
 - Supported CFE deployment over the weekend
 - Supporting Makai deployment
- 901513 - Targeted Sampling by AUVs
 - Met with synchro team to discuss adaptive sipper mission with Yanwu
- 902101 - LRAUV Technology Development

- Ran radius tests in preparation for DAS testing next week
 - Fixed plumbing issue and stbd elevator issue on Opah
- 902106 - Niobicon-Based AUV Docking Development
 - Docking meeting. Discussed addressing power issues on the solar dock with an external supply to support the fall campaign.
 - Trying to locate mock dock. Will build a new one if necessary.
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
 - Standing by on response from M team for NDAs
- DQ2445 - NOWRDC Uncrewed Systems
 - Met with team today to discuss specifics of deployment
- Overhead
 - Helping out WHOI with Stella
 - Reviewed diurnal vertical migration paper from Marc
 - Worked with HR to get offer out to new SE hire
- Out of Office

Week 15

- 300078 - DMO Support - AUV
 - Hyperion meeting this week
- 300082 - DMO Support - Wave Glider
 - Piloting this weekend
- 300083 - DMO Support - LRAUV
 - CFE lab deployment. Supporting Ahi/Triton
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
 - More TRN!
 - Opah deployment today testing smaller prop and PH sensor
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
 - NDA received from seasats
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
 - Interview candidate today (Nick)
 - Reviewed Marc's DVM paper using LRAUVs
- Out of Office
 - 4/9-10 (MST)

Week 14

- 300078 - DMO Support - AUV

- 300082 - DMO Support - Wave Glider
 - Piloting this week
- 300083 - DMO Support - LRAUV
 - Supported Ahi deployment this week
- 901513 - Targeted Sampling by AUVs
 - Supported deployment last week
- 902101 - LRAUV Technology Development
 - TRN work continues. Added fix to TRN code to ingest useitorloseit value from LRAUV
 - RDI validation for Cole's fixes
 - PR reviews
 - Planning meetings for Durkin deployment
 - Planning meeting for first DAS deployment. Working with Benthos on chirp options that don't cost money
 - Issued LNM for mock dock and DAS
 - Sanctuary approval for mock dock
 - Trying to find the gear for the mock dock. May have to start fresh.
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
 - Met with Data Xplorer team today to review ops in HMB
- DQ2445 - NOWRDC Uncrewed Systems
 - Attended workshop
- Overhead
 - Hiring committee for SE
- Out of Office
 - TBD 4/6

Week 13

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
 - Supporting Triton deployment this week. On call, did checkout, deployed.
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
 - Lots of TRN this week. Debugging issue with ingest of solution.
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
 - Workshop prep meeting and attending workshop today/tomorrow
- Overhead

- Lots of help for WHOI and Stella. Stella remains on the bottom of Lake Erie in 22m of water.
- Out of Office
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Week 12

- 300078 - DMO Support - AUV
 - Hyperion meeting last week
- 300082 - DMO Support - Wave Glider
 - Piloted Hansen over the weekend for KBB lab
- 300083 - DMO Support - LRAUV
 - On call for MBTS deployments this week (Ahi/Daphne)
- 901513 - Targeted Sampling by AUVs
 - Worked with Yanwu last week for testing of krill sampling mission
- 902101 - LRAUV Technology Development
 - Lots of TRN work to get the hardware in loop sim back up and running. Getting closer.
 - Logistics for DAS deployment and sanctuary writeup
 - Updated DAT firmware on entire fleet
 - Worked with Benthos to determine meaning of serial # in datcal files (this took way too long)
 - Worked on domestic sim card issue for Brizo cradlepoint. Seems to be hardware.
- 902106 - Niobicon-Based AUV Docking Development
 - Sent LNM and sanctuary descriptions
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
 - Spoke with SeaSats to determine "lease/rent" option. Production is too far behind. Will need to head down there to do more hands on testing.
- DQ2445 - NOWRDC Uncrewed Systems
 - No coding needed until April. Will start attending meetings Monday.
- Overhead
 - Reviewed CENCOOS paper on Oshen vehicle
 - Reviewing optical modem for CENCOOS
 - Lots of work with WHOI under ice deployment in Lake Erie. Recovery is scheduled for Friday.
- Out of Office
 - 03/19 (PDT)

Week 11

- 300078 - DMO Support - AUV
 - Hyperion meetings

- 300082 - DMO Support - Wave Glider
 - Piloting this weekend
- 300083 - DMO Support - LRAUV
 - Supporting LRAUV deployments this week
- 901513 - Targeted Sampling by AUVs
 - Supporting krill deployment now
- 902101 - LRAUV Technology Development
 - Lots of TRN work with HIL simulations. Data is finally flowing. Running more tests and looking at data. We'll get offshore eventually...
 - Working with Benthos to deal with DAT configuration issues
- 902106 - Niobicon-Based AUV Docking Development
 - Standing by on Mandy for mock dock deployment.
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
 - Discussed rental/lease options with Seasats. Planning a deployment down in SD now. Production is behind.
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
 - Working the WHOI deployment in Lake Erie. Reconfigured Stella for shallow water ops with mud in the nose. Fixing issue with DVL.
- Out of Office
 - 03/19 (PDT)

Week 10

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- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office
 - 03/16-18 (MST - wfh Mon/Tue .5 day)

Week 9

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV

- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office
 - 03/16-18 (MST - wfh Mon/Tue .5 day)

Week 8

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office
 - 03/16-18 (MST - wfh Mon/Tue .5 day)

Week 7

- 300078 - DMO Support - AUV
 - Recovered LRAUV Daphne following MBTS deployment
 - B&T and prep for Ahi prior to MBTS
 - Attended a part of hyperion update
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
 - On call for MBTS this week
- 901513 - Targeted Sampling by AUVs
 - Worked with Yanwu on new mission/behavior changes for plankton terminated yoyos
- 902101 - LRAUV Technology Development
 - Confirmed sanctuary requirements for mock dock
 - drop weight incidents from 2025 submitted
 - Dash 5 meeting with subs
 - Updated data unpacking scripts for 2026
 - Building TRN for the target for sim testing

- Ran MMP tests in tank/harbor. Benthos offered latest firmware which has been loaded and is in testing.
 - Reviewing a little of the AUV tutorial for OSM
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
 - Met with team to discuss service interval and upgrades this month.
- 902606 - Low Altitude Survey AUV
 - Team meeting and went over basic SW architecture with Mike. Working on refining system requirements.
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
 - Working with WHOI on their under ice testing to be demonstrated under actual ice in Western Lake Erie soon. Tests are in Buzzards bay and an outdoor tank facility in MA. Worked on updating heading command while under ice as well as refinements to default mission.
 - CPR/FA/AED recert this week
 - IP committee attorney search
 - NDA signed with SeaSats for further followup on their ASV. Working on a test drive option out of Moss Landing.
- Out of Office

Week 6

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office

Week 5

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development

- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office

Week 4

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office

Week 3

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development
- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office

Week 2

- 300078 - DMO Support - AUV
- 300082 - DMO Support - Wave Glider
- 300083 - DMO Support - LRAUV
- 901513 - Targeted Sampling by AUVs
- 902101 - LRAUV Technology Development
- 902106 - Niobicon-Based AUV Docking Development

- 902304 - Piscivore Cam
- 902606 - Low Altitude Survey AUV
- 902607 - Autonomous Surface Vessel Replacement
- DQ2445 - NOWRDC Uncrewed Systems
- Overhead
- Out of Office