Commander’s Corner

Be responsible and be smart this summer

By Rear Adm. Brian Brown

As the summer season approaches and we spend more time outdoors, on the roads, and socializing with friends and families, I wanted to take a moment to address the importance of taking personal responsibility, as well as watching out for each other. This is not just a military issue. We’re all members of the same team, and I consider all of you – civilian, officer and enlisted – equally my Shipmates.

High-profile reports on sexual assault, suicides and drunk driving keep these issues at the forefront, and research shows these incidents increase during the warmer months. This could be compounded by additional stresses put on our workforce by the upcoming civilian furloughs, so now is the time to be extra vigilant in looking out for yourselves and each other.

My message to you: be mindful of the situations you find yourself in and have the “Keep What You’ve Earned” perspective in situations where there is potential risk. You are valued as a member of the Naval Oceanography Team, and we do not want anyone hurt or impacted – especially if poor decisions or planning has anything to do with it. Plan ahead when it’s time to hit the road or the water. Know your limits, abide by them, and don’t put others or yourself in danger.

Likewise, if you see your Shipmates in a potentially dangerous or questionable situation, have the moral courage to intervene. Do not let any obstacles (i.e., peer pressure, fear of retribution, fear of embarrassment, or uncertainty) keep you from acting - Intervene. Offer a ride if they’ve had too much to drink. Intervene if you see warning signs of sexual assault. Ask questions if they show changes in personality that could indicate suicide risk.

Finally, I’d be remiss to speak about summer safety without mentioning the beginning of hurricane season. As we prepare the Navy, I want to urge all of you who live in areas affected by the Atlantic storm season to also take time to ensure you prepare yourselves. While we hope for an uneventful summer, it’s better to have a plan and not need it, than to need a plan and not have one.

You are all valuable members of the Naval Oceanography team. Thank you for all that you do to support our nation’s warfighters, and all you do for each other. It remains my honor to serve with each of you.
Tier 0 Roadmap – An Observation is a Terrible Thing to Waste

By Rick Myrick (0T0), Todd Bowers (0T02), Dave Pashkevich (PMW-120), Richard Simmons (0T04) and Kirk Benson (N801)

This is the first article in a series which will describe the design and function of the roadmap process being used by the technical director’s staff to track key metrics measuring the performance of research and development (R&D) projects/programs funded by the Office of the Oceanographer, OPNAV N2/N6E. The roadmaps are a tool to be used by both managers and researchers to monitor and track key milestones in development and also identify potential gaps where more R&D emphasis needs to be placed, thus ensuring resources are in place to facilitate a seamless transition of R&D products to operational use and providing long term support. In many cases, the Naval Meteorology and Oceanography Command (NMOC) doesn’t own the sensing system but leverages millions of dollars of other organizations’ assets to collect critical data.

As defined by the Battlespace on Demand (BOND) concept, Tier 0 represents the Data/Observational Layer. Tier 0 consists of data collected while observing space, the atmosphere and the ocean using a vast range of sensors, including satellites, ships, unmanned vehicles, buoys, telescopes and clocks. The output is a collection of raw observational data describing the current state of the physical environment that is the foundation for all other tiers.

Of all the data sources, space-based (or remotely-sensed) sensors provide the vast majority of measurements for initialization and assimilation into ocean and atmospheric numerical models. Today, NMOC centers and support units receive data from over 50 different satellite platforms, measuring in polar and geostationary orbits, collecting data globally and in near real-time. These sensors and data are required to maintain capability reliably, accurately, and in a timely manner to characterize the atmosphere and ocean environment in support of Navy operations. Priority objectives for remotely-sensed sensors over the next decade include: 1) maintaining current global satellite sensing capabilities; 2) improving regional to tactical scale sensing capabilities; 3) emerging unmanned aerial sensors into the remote sensing processing chain and; 4) leveraging capabilities from other federal, commercial and foreign space organizations programs.

The primary purposes of the US Naval Observatory R&D programs are to: (1) design, develop and test master clock (MC) and time transfer systems to meet DoD operational requirements for precise time and frequency distribution; (2) design, develop and modernize Earth orientation (EO) data acquisition and processing systems for determination and dissemination of Earth orientation parameters (EOP) for DoD requirements and civilian applications and; (3) design, develop, and build astrometric observation systems for determination of the celestial reference frame (CRF) for DoD applications. Current projects include: continued work on Navy rubidium fountain (NRF) clocks and GPS M-Code receiver development; electronic very long baseline interferometer (eVLBI), the EO software correlator, and the replacement of the Kokee Park Data Acquisition Antenna. Future plans include: completing the NRFs and M-Code receiver development and commence work on an optical fiber clock and time distribution over fiber; completing the software correlator and Kokee Park VLBI antenna and commencing work on automated EOPs; and upgrading the Navy precision optical interferometer (NPOI) with four 1.8 m telescopes.

Most familiar to the reader is the collection of surface and subsurface oceanographic data. Shipboard data collection remains one of the core functions of NMOC and significant resources are allocated to man and operate the current six (soon to be seven) T-AGS oceanographic vessels. The T-AGS are the primary providers of hydrographic and bathymetric data used to support safety of navigation. In recent years much of the physical oceanographic data has been collected by unmanned vehicles and buoys. The Naval Oceanographic Office (NAVO) daily receives data from thousands of Navy and civilian buoys and profiling float systems deployed worldwide. The current Littoral, Battlespace, Sensing, Fusion and Integration (L,B,S,F & I) Program of Record will provide NAVO with 150 ocean gliders and three Remus 600 systems (six vehicles total)
through FY15-16. As evidenced by the explosion of operations by unmanned aerial vehicles (drones), it is obvious that continued development of unmanned surface and subsurface vehicles are the wave of the future.

It is the responsibility of the technical director’s staff to determine the validity of data acquisition systems being proposed by the R&D community, work with the N8 staff to ensure systems meet validated requirements, monitor progress during the development stages, communicate with the R&D community to facilitate smooth transitions into operations and verify that resources are in place to sustain these programs through their lifetimes. The operational catchers-mitt better get ready because a tsunami of observations are about ready to hit the shore.

From the Officer Detailer

Orders are coming at different intervals
OCEANO Warriors, greetings from the Cotton Fields!

First topic…orders, orders and more orders . . . Many of you have noticed certain orders being released six months to a year out from PRD while others are released only a few months prior to the individual’s PRD. The reason is funding for TDI (intermediate stops) and PCS authorizations is different. Currently, we are authorized to write/release PCS (Non TDI) orders through September 2014. If the orders contain TDI, then we can only write/release through August 2013. Please call if you have a question on the current release window; it constantly changes as we get more money. On a related note, the current release window for retirement orders is through September 2013.

The Naval Meteorology and Oceanography Command (NMOC) recently issued NAVMETOCOM NOTICE 1412 O-4 Mid-Career Milestone Billets to formally designate all O-4 Milestone billets. This effort is to ensure all oceano Officers understand which exact billets will officially provide them credit for accomplishing an O-4 Milestone tour. The notice will also aid officers in career planning, as the O-4 Milestone tour can be completed by an O-4 or senior O-3. If you have any questions regarding the notice, please don’t hesitate to contact us.

Good news…The Information Dominance Mid Career Course (IDMCC) AQD is finally established. If you have completed the course, please check your record. We have to update records from official IDMCC rosters. If you attended IDMCC and the AQD is not in your record, please send us a copy of your graduation certificate.

Last topic…OPNAV INSTRUCTION 1412.15 Information Dominance Corps Command Qualification Program . . . For those Officers going before the FY14 Command and Milestone Screen Board, which convenes Sept. 9, 2013, ensure you complete the Command Oral Board by the NMOC deadline of June 1. Please keep your detailer informed of your progress and provide a copy of the final N2N6 qualification letter.

Upcoming OCEANO Opportunities:
- CDR – Naval War College Instructor (Newport) 1309
- LCDR – NASC/AIR ENG (Patuxent River) 1306
- LCDR – PEP AFWA (Omaha) 1306

Please contact us if you are interested in any of the jobs.

r/TEAM MILLINGTON

Capt. John Okon
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Top News

**NOOC, NMOC Ops Department to split**

Following the Naval Oceanography Operations Command (NOOC) change of command on July 12, the NOOC and Commander, Naval Meteorology and Oceanography Command (CNMOC) Operations Department (N3) will formally split into two separate entities. The change is the result of the need to clarify the roles and responsibilities between NOOC and N3 functions, an issue highlighted in the 2012 CNMOC command inspection. This course of action also preserves the most efficient organizational structure.

Following the separation, Capt. Bill Nisley will become the Assistant Chief of Staff for Operations (NMOC N3), a role previously dual-hatted by the NOOC commanding officer. The Deputies of Oceanographic Operations (DOOs), previously part of the NOOC, will transition to the CNMOC N3 as Deputy Assistant Chiefs of Staff who will function as warfare program managers focused on Echelon III issues.

The N3 will develop operational and planning strategies, craft concepts of operations and transition them to doctrine, validate and develop operational requirements, and coordinate operational support across Echelon IV commands. They will also provide final operational acceptance recommendations for non-acquisition category technology transitions.

Capt. Tony Miller will assume command of the NOOC, which remains Immediate Superior in Command (ISIC) over its seven Echelon V commands. The Deputy DOOs, known now as DOOs, will remain in the NOOC to function as action officers for issues on the ISIC level, including all Naval Oceanography direct fleet support activities, and the man, train, equip, certify and deploy processes. They will also identify and prioritize NOOC-level operational requirements, and coordinate and standardize operational support across NOOC commands.

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Items of Interest

**Joint Typhoon Warning Center Selected For Federal Executive Board Awards**

Joint Typhoon Warning Center (JTWC) Pearl Harbor, Hawaii, was selected as a winner in the Federal Executive Board (FEB), Honolulu – Pacific Region annual awards. The command was honored during the 57th Annual Excellence in Federal Government Awards Program on May 10.

JTWC received the Team Excellence Award for contributions and leadership in the typhoon and tsunami missions in the Pacific. In addition, Senior Chief Aerographer’s Mate Enrique Acosta-Gonzalez, Command Senior Enlisted Leader, was recognized as Mentor of the Year and for Exceptional Community Service for his effective mentorship of Sailors and his contributions in the local community and Navy.

Left: Capt. Ashley Evans (left), JTWC Commanding Officer, is awarded the Team Excellence Award for JTWC’s contributions and leadership in the typhoon and tsunami missions in the Pacific.
The FEB Awards and Recognition Program was created to honor and recognize outstanding Federal employees. The program highlights the exceptional service of high-performing Federal employees, and serves as an opportunity to acknowledge the difference these individuals make in their role as public servants.

FEBs were created by Presidential Directive in 1961 to foster communication, coordination and collaboration among Federal field agencies. Currently, approximately 88 percent of Federal employees are located outside the Washington, D.C., area. Across the nation, in 28 locations with a high concentration of Federal agencies and Federal employees, FEBs provide a forum for local Federal leaders to share management challenges and strategies to meet agency missions and goals, identify common issues, develop collaborative efforts to address those issues, and share best practices among their peers.

AGCS Enrique Acosta-Gonzalez, JTWC Command Senior Enlisted Leader, is recognized as Mentor of the Year and for Exceptional Community Service for his effective mentorship of Sailors and his contributions in the local community and Navy.

**NAVO employees participate in community service**

In photo at left: Dr. Tony Taylor (left), a training officer at the Naval Oceanographic Office, poses with E. Earl Thomas, corporal, U.S. Marine Corps, in front of the U.S. Marine Corps War Memorial in Washington, D.C., during an April 23 Honor Flight. Taylor served as a chaperone to one of the veterans. Thomas served as a crew chief on SBN-5 aircraft during the Korean War from 1950 to 1953. (U.S. Navy photo)

In photo at right: Michael Bendzlowicz of Naval Oceanographic Office (third from left) poses with a group of Seabees from MCB 133 at the Naval Construction Battalion Center in Gulfport, Miss., after building shade at a playground at West Hancock Elementary in Kiln, Miss., on May 3. Pictured are (left to right): RP3 Jake Valle, BUCA Olivia Ploetz, Bendzlowicz, BU1 Lance Thorpe, CM3 Bryan Castrellon, BUCA Taylor Leitermann and BUCN Xavier Knowles-Ball. (U.S. Navy photo)
Rear Admiral David W. Titley, former commander of the Naval Meteorology and Oceanography Command (NMOC) and former Oceanographer and Navigator of the Navy, has been appointed as a faculty member in the College of Earth and Mineral Sciences at Pennsylvania State University, beginning July 1. Titley will serve as senior scientist and director of a new center being formed on weather and climate risk solutions in the Department of Meteorology.

As director of the center, Titley will be responsible for forging a pathway for research, development, communications and learning at the intersection of business, and weather and climate risk.

Titley retired from the Navy as Oceanographer and Navigator of the Navy in 2012. He was relieved at NMOC in 2009 by Rear Adm. Jonathan White, current Oceanographer and Navigator of the Navy.

Personnel

O-5 Selections Released

E-9 AG Selections Released
Three aerographer’s mates were selected for promotion to master chief in FY 14: Senior Chief Aerographer’s Mate David Martinez, Senior Chief Aerographer’s Mate Johnny Morales, and Senior Chief Aerographer’s Mate Gary Rosenbaum.

FNMOC Sailor Adds a Twist to Sexual Assault Awareness and Prevention Month (SAAM)
Aerographer’s Mate Airman Apprentice Helaina Greenfield, a Sexual Assault and Prevention Response (SAPR) victim advocate at Fleet Numerical Meteorology and Oceanography Center (FNMOC) added a twist to traditional Sexual Assault Awareness Month (SAAM) events by including men.

Traditional SAAM events primarily focus on disseminating statistics about sexual assault, bystander intervention, and victim resources.

But during her research, Greenfield discovered the White Ribbon Campaign, the world’s largest movement for boys and men working to end violence against women. They “pledge to never commit, condone, or remain silent about violence against women and girls” by examining “the root causes of gender-based violence” and creating “a cultural shift that helps bring us a future without violence.” The campaign was established in 1991 and has spread to more than 60 countries around the world.

Capt Ashley Lanza, USAF, (left) and AGAA Helaina Greenfield at the FNMOC SAAM Bake Sale.
Greenfield discovered a local nonprofit organization affiliated with the White Ribbon Campaign, Breakthrough Men’s Community, in Carmel, Calif. In operation since 1987, this program has transformed the lives of over 1,600 men by providing a “safe place to heal” from wounds caused by male role-conditioning that some men have been exposed to since childhood. The majority of those men also suffered abuse (physical and mental), leading to unfulfilled lives wrought with addictions, relationship issues, and anger. Greenfield contacted Founder and Director Fred Jealous as the guest speaker for the command’s GMT on SAPR.

“Men begin to get exposed to what it means to be a ‘real man’ when they are children. It is not acceptable for men and boys to express emotions or feel scared or vulnerable and their worth is measured in how well they perform and provide; if men try to step out of this ‘male role,’ then they may face isolation, judgment, and ridicule,” Jealous said.

As a result, over-controlling oneself to stay within the “male role box” may teach an obsession with sex because it “is the only place we can go to try and receive tender, loving care and not have our masculinity challenged,” he said.

“Sexual assault will end when enough of us love women too much to allow them to be brutalized, and when we love men too much to allow them to go down this path,” he said.

Aerographer’s Mate Second Class Timothy Spears, another FNMOC SAPR victim advocate, said he appreciated the way Jealous focused on the importance of attachment parenting, and when it comes to sexual assault prevention, he quoted Henry David Thoreau: “There are a thousand hacking at the branches of evil to one who is striking at the root.”

Greenfield and Capt Ashley Lanza (USAF), FNMOC’s SAPR POC, also organized a bake sale the first week of April, which raised almost $300 to fund breakfast items for the guest speaker presentation and to host a command barbecue and awareness run at the end of the month.

FNMOC received kudos from Naval Support Activity Monterey’s (NSAM) Sexual Assault Response Coordinator (SARC), Ms. Heather Ruppert, for the command’s events.


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**Command Spotlight: NOAC Yokosuka**

Naval Oceanography Anti-submarine Warfare Center (NOAC) Yokosuka is located on the main island of Japan aboard Fleet Activities Yokosuka, which is the headquarters of the U.S. Navy’s 7th Fleet.

NOAC Yokosuka stands today at the site of the signal relay center that disseminated the message to launch the Japanese attack on Pearl Harbor. Dec. 7, 1941.

NOAC’s primary mission is to provide environmental analysis of the ocean and atmosphere for the warfighter on a daily basis. When necessary, NOAC forms special groups known as Naval Oceanography Antisubmarine Warfare Teams (NOAT) to assist commands such as Destroyer Squadron 15 (CDS-15), Submarine Group 7 (CSG-7), Task Force 54/74 (CTF-54/74), and Japanese Maritime Self Defense Force (JMSDF). NOATs are often expected to complete the same tasks as NOAC but with fewer resources and are required to adapt to unforeseen events.
NOAC’s mission requires the command to coordinate with antisubmarine warfare reach back cell (ASW-RBC) for special products. The command provides ASW-RBC with bathythermographs and temperature of ocean with depth from JMSDF ships, which aid in improving oceanographic models.

NOAC also provides resources protection (RP) on a daily basis, sending warnings for small craft from gale force winds, thunderstorm, and snow to Fleet Activities Yokosuka, her two housing detachments Ikego and Negishi, and Fleet Activities Sasebo. These warnings help protect ships in port, families outdoors, pleasure craft, and various other activities. NOAC’s RP mission requires close work with Fleet Weather Center-San Diego (FWC-SD) as a back-up and as a liaison between Destroyer Squadron 15 (CDS-15) and FWC-SD.

Forecasters who stand the watch in Yokosuka have many opportunities to improve their forecasting.

“Forecasting in Yokosuka is very challenging at times because the weather is so dynamic here. I think with six different seasons, tropical phenomenon, and the unique wind events that occur here, all AGs should experience Yokosuka at least once in their careers,” said Aerographer’s Mate First Class (IDW/SW) Jacob Wilson.

The center also employs a Japanese meteorologist, Mr. Yasutomo Kiyohara, to support NOAC’s mission to the surrounding area. Kiyohara collaborates with NOAC Yokosuka’s forecast duty officers and command duty officers on the weather of Japan. He has a very good knowledge of the six seasons unique to Japan.

Throughout the year, NOAC personnel work with Joint Typhoon Warning Center (JTWC), located in Pearl Harbor, Hawaii, and FWC-SD to provide better recommendations for tropical cyclone conditions of readiness (TCCOR) to the commanding officers for both Fleet Activities Yokosuka and Fleet Activities Sasebo.

With major weather and world events happening constantly, NOAC Yokosuka and her two detachments, Naval Oceanography Antisubmarine Warfare Detachments (NOAD) Kadena and Misawa, continue to work with commands state-side and with commands that are forward deployed. NOAC Yokosuka plays a vital role here in the Pacific region.

NOAC Yokosuka Spotlight Employees

Mr. William T. Matthews
William T. Mathews is an N6 Database Manager at NOAC Yokosuka where he provides continuity and reliability of data and security for C4 METOC systems in the 7th fleet AOR. Since reporting to NOAC in December 2012, he has instituted the use of SharePoint, greatly enhancing communication and administrative processes within the command. In addition, he has completed numerous information technology qualifications, ensuring continuity of high security standards and timely response in support of the ASW and Resource Protection mission. He earned an associate degree in information technology from the Community College of the Air Force and is working towards a bachelor’s in information technology from University of Maryland. Matthews came to NOAC Yokosuka after serving eight years in the U.S. Air Force as a computer system administrator. He service included a one-year deployment to Afghanistan. He deployed to Iraq with the Army as a system administrator, following an Honorable Discharge from the Air Force. He also transitioned to a deployment to Afghanistan to configure, maintain and troubleshoot the acquisition theater database, PD2, and enabled acquisition efforts in support of the counterinsurgency mission.
Personnel Specialist Second Class Corey Farrow’s primary duty at NOAC Yokosuka is the Command Personnel Coordinator (CPC). Since he reported to NOAC Yokosuka in July 2013, from USS George H.W. Bush (CVN 77), he has provided immaculate customer service, processing 10 gains, 12 transfers, four DLA payments totaling in over $8,000, 24 TLA payments totaling in over $21,000, and over 180 documents through TOPs with 98 percent accuracy. He has made an immediate impact within the Command by taking on the additional duties as N1 Department Yeoman, Assistant Command Fitness Leader (ACFL), and NOAC Extracurricular Activities (NAE) Treasurer. As N1 Department Yeoman he is responsible for the Command Muster Report and Plan of the Week, ensuring daily accuracy of these critical documents over two UICs, three departments and 51 personnel at NOAC. Furthermore he is advancing his off-duty education and is enrolled in two college courses in pursuit of his bachelor’s degree in accounting.

Command Spotlight: Fleet Weather Center San Diego

Established on Nov. 5, 2010, Fleet Weather Center, San Diego (FWC-SD) is a major operational sea and shore duty command that supports maritime, aviation, and resource protection mission areas across 3rd, 5th and 7th fleet areas of responsibility (AORs). FWC-SD’s commanding officer, Capt. Greg A. Ulses, commands six departments, including an aviation and maritime watch floor manned 24/7, a strike group oceanography team (SGOT), and a training department, which prepares all new sailors for their future positions at FWC-SD. Ulses also commands eight detachments and components; among them are Fleet Weather Center Aviation Detachment Pearl Harbor (FWCAD-PH), Fleet Weather Center Maritime Component Bahrain (FWCMC-Bah), and Fleet Weather Center Strike Detachment Fallon (FWCSD-Fallon). FWCAD-PH provides aviation weather to the Pacific and Indian oceans. FWCMC-Bah covers weather for the Arabian Gulf, Arabian Sea and the Red Sea. FWCSD-Fallon consists of forecasters that deploy with strike warfare groups worldwide.

FWC-SD’s mission is to keep the fleet safe from hazardous weather and enable effective operations and planning decisions by providing timely and accurate aviation, maritime and installation weather forecasts, warnings and recommendations. FWC-SD supports fleet operations, deploys teams that provide tactical warfighting advantage for strike and amphibious forces, and provide weather forecasts and warnings to enable decision superiority in direct support of carrier strike group (CSG) and amphibious ready group (ARG) commanders and embarked staffs as well as other Navy, joint or multi-national forces as assigned.

“I’m very pleased and proud to be in command of this large and amazing team of Sailors and civilians,” Ulses said. “They are providing critical support for fleet safety and operations in the Navy’s largest and most dynamic operating area, and they know it. Their dedication, professionalism, and mission focus inspires me every day. They know that the fleet can’t steam safely or fight effectively without the support we provide afloat and ashore.”
FWC San Diego Spotlight Employees

Ms. Angelia Thomas

Ms. Angelia Thomas, Information Systems Department Head, is responsible for all technology and communication requirements at Fleet Weather Center, San Diego (FWC-SD), including the maintenance and administration of several servers located in the building as well as coordinating with NMCI in support of the network and its users. In the past year, she has overseen the information technology implementation of a $3.5 million renovation, requiring 430 computer asset relocations, 27 phone installations, four departmental transitions, and a new space accreditation. Leading three civilians and nine Sailors, managing a computer and equipment inventory valued over $2.3 million, she ensures that FWC-SD can provide outstanding service to units throughout the 3rd, 5th, and 7th fleet Areas of Responsibility without interruption. During her 24 years working with the various NMOC commands in residence in Building 14, Thomas has risen from administrative assistant to N6 Department Head. “She is energetic, outgoing, friendly and a good leader,” said her department’s Leading Chief Petty Officer, AGC Jeffrey Jackson.

AG2(IDW/AW/SW) Joshua Greer

Since reporting to Fleet Weather Center San Diego in 2011, Aerographers Mate Second Class (IDW/AW/SW) Joshua Greer has qualified as both aviation journeyman forecaster and maritime journeyman forecaster and has earned his Enlisted Information Dominance Warfare Specialist (EIDWS) qualification. Because of his diligence on the watch floor, he was hand-selected to be a member of N3 Quality Assurance (N3QA) Division. In this position, he maintains SOPs and remains in contact with watchfloor personnel in order to ensure that watchfloor procedures work and that they are being followed, maintaining quality service to the fleet. As an active member of the EIDWS program, Greer participates in boards at least twice a month. Additionally, he is the command's Adopt-A-Highway Coordinator and Assistant Urinalysis Program Coordinator. Leading by example, he was a key player in the Naval Air Station North Island (NASNI) 2013 Captain's Cup, helping to bring FWC-SD to second place overall.

Social Media

Follow Naval Oceanography on Facebook and @navyoceans on Twitter to keep up with all the latest news and images from the Naval Meteorology and Oceanography community.