



# NEWS

## naval meteorology and oceanography

Feb. 14, 2014

### Commander's Corner

#### ID TYCOM Update – What Does It Mean for Naval Oceanography?

By Rear Adm. Brian Brown

This month I'm going to provide an update to the plan for the establishment of an Information Dominance Type Commander (ID TYCOM).

The CNO has determined that the continuing evolution of ID as a Navy warfighting discipline requires a single, integrated TYCOM recognizable to the fleet, which mirrors the existing platform TYCOMs (AIRFOR, SUBFOR, SURFFOR, NECC). The ID TYCOM will consolidate the man, train and equip (MTE) readiness functions currently fulfilled by individual ID components (OPNAV N2/N6, Fleet Cyber Command/Tenth Fleet, Navy Cyber Forces, the Office of Naval Intelligence, and Commander, Naval Meteorology and Oceanography Command).

Since October, we have participated, along with our ID partners, in an Integrated Planning Team (IPT) to develop an implementation plan by examining the basic requirements, mission, functions, and tasks of an ID TYCOM and the risks and details that needed to be addressed on the road to implementation. This plan has been endorsed by U. S. Fleet Forces Command commanders and approved by the CNO. It is expected that Navy Cyber Forces will be redesignated as Naval ID Forces and stand up as the ID TYCOM in Suffolk, Va., in October 2014. An Implementation Execution Team (IET) composed of subject matter experts from the ID components have their first meeting this week. The IET will resolve implementation details such as MTE, financial operations, and readiness reporting processes and resource alignments.



What does that mean for Naval Oceanography?

CNMOC will remain the Immediate Superior in Command of the United States Naval Observatory, Naval Oceanographic Office, Fleet Numerical Meteorology and Oceanography Center, Naval Oceanography Operations Command, and the Naval Meteorology and Oceanography Professional Development Center, providing operational direction for the Navy's operational oceanography program. CNMOC also remains a direct report to Fleet Forces Command.

The IET is still in the process of identifying those CNMOC functions that will transition to the ID TYCOM. Once fully vetted, I anticipate realignment of some CNMOC billets to the ID TYCOM, both MPN and CIVPERS. We will work to minimize individual impact through a phased transition using a mix of in-place reassignment, normal military PRDs, and civilian billet transitions following retirements or separations.

Although the establishment of an ID TYCOM means change, it is an important step in implementing the Information Dominance strategy. I thank you upfront for your contributions to make the standup of the ID TYCOM a success, and I will continue to inform you about the implementation progress.

Thank you for your work in executing our Naval Operational Oceanography Program and keeping our warfigthing team safe and effective. Each of you makes a tremendous difference to our national defense; I couldn't be prouder to be a part of this Team Oceano.

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## From the Deputy/Technical Director

### We Need to Grow Our Future Leaders

By Dr. William H. Burnett

Tomorrow's leaders. Do we find them or do we grow them? Hiring employees from outside of our Navy Budget Submitting Office (BSO-60, United States Fleet Forces Command) is a monumental task, requiring mission critical justifications and the risk of over executing our current Full Time Equivalent (FTE) cap, which puts our entire workforce at risk. Therefore, we must look within our talented workforce and continue to grow our leaders of tomorrow.

Growing leadership within our workforce comes with difficulties and risks. With the civilian workforce stretched as thin as could be, and with more and more mission requirements, we wonder how our community can devote precious time and resources to long-term training of individual employees. We must realize that there is never a "down" time when we will have ample bandwidth to develop leadership potential without some cost and risk. Even during dire times, we must identify resources and dedicate time to grow our future leaders. That is a commitment shared not only by the Naval Meteorology and Oceanography Command Front Office but also by the commanding officers and technical directors of our commands. We will find the resources and the time to devote to our workforce so our employees can get the best leadership training available.



So who are the individuals that we want to target for executive potential – civilian employees who are highly motivated and have demonstrated outstanding leadership potential, initiative, professional excellence, community involvement, a commitment to public service and integrity. Melissa Wheat, the CNMOC Senior Civilian Leadership Board Executive Assistant, and I are completely rewriting the CNMOC Executive Leadership Program (CELP) instruction to ensure we have a robust and successful program for our workforce. We are now funding leadership programs at the GS-5 to GS-8 levels to start as early as possible to find and grow leaders within the workforce. We will expand the GS-9 to GS-12 programs and enhance our executive programs at the GS-13 to GS-15 levels.

Our first CELP cohort group – Dan Banks (PDC), Jennifer Bartlett (USNO), Marc Bourgeois, Melody Owens, and Heather Wall (NAVOCEANO) – has done an extraordinary job serving in our first program, managing through a year-long pause due to sequestration while refining the program's goals and objectives. As we build more and more cohorts, we know we will improve the CELP program, as well as rely upon previous cohorts to help new cohorts along the path. If you are interested in learning more about the CELP program, please contact your technical director or Melissa Wheat at CNMOC.

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## From the Senior Officer Detailer

### 'Hello' from the New Officer Detailer

Greetings from Millington!

I have relieved Capt. John Okon as the Senior Oceanography Detailer and am settling into the battle rhythm here at Naval Personnel Command. In the next few years, I'm looking forward to working with all the officers in our corner of the IDC but particularly the post-sea tour officers, as I am your primary point of contact for detailing concerns. Please don't hesitate to call to discuss your career options or personnel issues.

If you read down to my signature block, you will also notice that I am the oceanography placement officer as well as the senior detailer. Outside of the folks here in Millington, that probably doesn't mean much to you. But to me, it is a constant reminder that I am not only your advocate and career advisor but also have the responsibility of ensuring that our assigned manning meets the needs of our Navy.

The job of placing personnel in billets that best serve the interests of the Navy does not end with the placement officer. Clearly it involves the due diligence of commanding and executive officers and their constant communications with our office. However, an often overlooked but critical part of the placement process also lies with the individual officer. We are counting on you to be an active participant in oceanography placements by being ready and able to serve where you are needed. This means being aware of the expectations of your current and future ranks, identifying opportunities and then charging into those assignments with enthusiasm and vigor. Sometimes placement aligns well with our personal preferences and other times there are sacrifices to be made. In either case, we welcome your assistance as fellow "placement officers," working with us to maintain our Navy as the world's finest.

Finally, I am not the only new face in Millington. Lt. Cmdr. Rip Coke has been relieved by Lt. Cmdr. Matt Pawlenko as the Junior Oceano Detailer. Welcome aboard, Matt!

Upcoming OCEANO Opportunities:

- O4 JTWC JTOPS-Pearl Harbor, Hawaii—Available
- O4 NOOC ASW-SSC, Miss.—Available
- O3 AFWA Offutt AFB, Neb.—Available

If you are interested in any of the jobs above, or have any questions please contact me or Lt. Cmdr. Pawlenko.

V/R, Cmdr. Ron Shaw  
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## Personnel

### AG Becomes First Senior Enlisted Officer of the Deck aboard *George Washington*

By Mass Communication Specialist Seaman Liam Kennedy

SOUTH CHINA SEA – A gold-colored ball cap with the letters “OOD” for officer of the deck embroidered on the back are more than just words on the navigation bridge of the U.S. Navy’s forward-deployed aircraft carrier USS *George Washington* (CVN 73) – they are a major responsibility.

The OOD is the captain’s direct representative for carrying out the mission of the ship, including safe navigation, control and execution of the ship’s daily duties.

“On every ship-of-the-line throughout the history of the Navy, there has always been an OOD who is responsible for getting the ship to where it needs to be safely and on time,” said Cmdr. William Perkins, *George Washington*’s navigator. “Every ship has a bridge and needs a senior person in charge to operate and navigate the ship.”

Senior Chief Aerographer’s Mate Ty Magowan, senior weather forecaster aboard *George Washington*, recently achieved this qualification and has become the only current senior enlisted person aboard any aircraft carrier qualified to stand this watch.

“Senior Chief Magowan is unique because he has exceeded the qualifications of all the other carriers in the Navy,” said Lt. Cmdr. David Van Kampen, *George Washington*’s assistant navigator. “This qualification will move you beyond your comfort zone. He can help the bridge team with his knowledge of the weather and how it affects our flight operations.”

A Sailor must stand watches ranging from four to six hours on the navigation bridge to achieve this qualification, become certified in tactical operation plot watch officer, helm safety, junior officer of the watch, junior officer of the deck and then OOD.

“To receive my OOD qualification, I had to sit through a comprehensive board with the commanding officer, executive officer, reactor officer, operations officer, air boss, chief engineer, navigator, first lieutenant and the assistant navigator,” said Magowan. “I had to demonstrate book knowledge as well as putting myself into certain scenarios while answering all of the questions.”

The road to completing this qualification can take about two years and having a support network that motivates you can make the difference in completing this task.



From left to right, the U.S. Navy’s forward-deployed aircraft carrier USS *George Washington*’s (CVN 73) assistant navigator, Lt. Cmdr. Dave Van Kampen, AGCS Ty Magowan, and Cmdr. William Perkins, navigator pose for a photo on the ship’s navigation bridge. (U.S. Navy photo by Mass Communication Specialist Seaman Liam Kennedy/RELEASED)

"The motivation came from Capt. McCall, our old navigator, Cmdr. Perkins, Lt. Cmdr. VanKampen, Lt. Cmdr. Aho and other mentors of mine" said Magowan. "There was an opportunity and I didn't want to let that slide by."

Magowan would not have been able to achieve this qualification if it were not for his team of Sailors behind him every step of the way.

"I would like to thank my division for having my back and allowing me to stand long watches, and be motivated and resilient to do the right thing," said Magowan. "They allowed me to do this and I will continue to thank them for many years because they had my back while I was out of the office."

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## Items of Interest

### **Wounded Warrior Pacific Invitational Training Camp Underway**

By Mass Communication Specialist 1st Class David Kolmel

U.S. Pacific Fleet Public Affairs

PEARL HARBOR, Hawaii - More than 100 athletes gathered for the first-ever Wounded Warrior Pacific Invitational (WWPI) in Honolulu, Jan. 8-10. Members of Team Navy, which includes 40 Sailors and Coast Guardsmen, are preparing for competition by participating in a training camp at Joint Base Pearl Harbor-Hickam Jan. 5-7.

The WWPI is the largest joint-service competition to take place outside of the annual Warrior Games and features wounded warrior athletes from the Navy, Marines, Army, Air Force, Coast Guard and Special Operations Command. The goal of the WWPI isn't to identify the most skilled athletes but rather to showcase the potential of wounded warriors through athletic events.

"The main purpose is to highlight and bring to the forefront the wounded warrior initiative with the Navy and Coast Guard," said Senior Chief Aerographer's Mate Enrique Acosta, senior enlisted at the Joint Typhoon Warning Center who was instrumental in planning the event. "This year we have all forces including SOCOM (Special Operations Command). So in a sense we are highlighting everyone's wounded warrior's initiatives."

Sailors from multiple commands throughout Hawaii are volunteering their time and efforts by helping the wounded warriors get to various events and appointments and cheering them on during competition. These sponsors provide the athletes a sense of support, which has a lasting impact on their emotional well-being.

"When they come and meet other folks and they see the smiles and support from other Sailors, their families and the communities are giving, it's a rewarding experience for them and it really boosts their self-confidence," said U.S. Pacific Fleet Master Chief Marco Ramirez.

Acosta couldn't agree more.

"It allows the active-duty members, the reserve and the local community to invest their time," Acosta said. "Some of these injuries are life-debilitating; having all of the commands involved encourages them to keep going."

The WWPI provides adaptive athletic reconditioning, which helps build strength and ultimately results in fewer secondary medical conditions. The wounded warrior athletes will compete in cycling; seated volleyball; swimming; track and field; and wheelchair basketball.

## DECISION SUPERIORITY through BATTLESPACE ON DEMAND

"We keep the wounded warriors engaged, and we provide that avenue for them to be rehabilitated, have the conditioning and medical attention that they need," Acosta said.

Not only does this benefit the wounded warriors, but it provides a rewarding experience for those who support the event.

"It's a pleasure for me and it's one of the most rewarding things I can do," Ramirez said. "As someone in the Navy, we carry out our missions, but when we can go and give back to our Sailors for what they have given us; it's an opportunity that I look forward to."

The event is hosted by Commander, Navy Installations Command (N95) headquarters and Navy Region Hawaii, and is supported by U.S. Pacific Fleet.

### **FNMOG goes the extra mile(s) for CFC**

There were plenty of sore feet on the morning of Dec. 11 at Fleet Numerical Meteorology and Oceanography Center (FNMOG) in Monterey, Calif., but also plenty of smiles as the Sailors and civilians wrapped up the first inaugural 24 hour non-stop walk/run/bike-a-thon in support of the 2013 Combined Federal Campaign.

Two outstanding Sailors led the way for this event and between them, stayed on the compound all day and night to count laps, hand out CFC forms, and even run the grill for a sunset cookout.

Aerographer's Mate 1st Class (IDW/AW) Killian Alston and Aerographer's Mate Airman Victor Yauk spent two days working out all the details for this event on top of all the other duties of managing the command's CFC fundraising. All that work paid off to the tune of raising over \$17,000 for CFC charities. The walkathon was the highlight of their six-week fundraising campaign, bringing in more than 20 new individual contributors during the day-long event.

The event kicked off after colors on Dec. 10 and ran all the way through colors on Dec. 11. A total of 61 FNMOG command and family members participated, logging 1,077 laps and covering well over 400 miles.

In addition to raising funds for the CFC in general, over \$500 was raised for the Wounded Warriors project as a combined effort between Capt. John Okon, FNMOG commanding officer, and the FNMOG Wardroom, who each pledged 25 cents per lap completed during the course of the event.

Overall, the event was a resounding success that raised money and awareness for a very worthy cause, in addition to bringing the entire FNMOG family together for a memorable event. None of this would have been possible without the dedication of two Sailors who were willing to go the extra mile.

Notable statistics:

- 1,077 total laps
- .38 miles per lap
- 61 total runners
- Leading runner was Ensign David Ramsaur with 86 laps covering over 30 miles!

### **Naval Postgraduate School Has Nine December Graduates in METOC**

The Naval Postgraduate School awarded nine post-graduate degrees in meteorology and oceanography in December.



Cmdr. Joel Feldmeier earned a Doctor of Philosophy in meteorology, successfully defending his dissertation, "Sources of Wind Variability at a Single Station in Complex Terrain During Tropical Cyclone Passage."

The other graduates, Lt. James Fritz, Lt. David Ziemba, Lt. Cmdr. Brian McKeon, Lt. Mary-Elizabeth Doty, Lt. Cmdr. David Damron, Lt. Cmdr. Daniel Peixoto de Carvalho of the Brazilian Navy, Lt. Jeff Portell, and Lt. James Scianna, earned Master of Science degrees in meteorology and physical oceanography.

McKeon, Fritz, Portell and Ziemba also completed their JPME Phase I. Peixoto de Carvalho was nominated for graduation With Distinction and recognized for an outstanding thesis.

December NPS graduates are (l-r): Lt. James Fritz, Lt. David Ziemba, Lt. Cmdr. Brian McKeon, Lt. Mary-Elizabeth Doty, Lt. Cmdr. David Damron, Lt. Cmdr. Daniel Peixoto de Carvalho (Brazil Navy), Lt. Jeff Portell, Lt. James Scianna.



## Command Spotlight: Fleet Numerical Meteorology and Oceanography Center

Since its inception in 1958, the Fleet Numerical Meteorology and Oceanography Center (FNMOC) has been the Department of the Navy's operational numerical weather prediction (NWP) production center.

Located in idyllic Monterey, Calif., FNMOC provides a robust array of global, regional, and tropical NWP and climatological products and services around the clock to Navy, joint, and coalition forces across the globe. Providing support at all three classification levels, FNMOC's products and services encompass a significant portion of the Battlespace on Demand Tier 1 foundation and provides tailored Tier 2 and 3 products and services. Ingesting over 9.1 million observations per day, FNMOC's fully automated, 66,000 job Operational Run (OPSRun) provides environmental prediction fields directly to DoD forecasters or the necessary forcing fields for ocean circulation models run by our teammates at the Naval Oceanographic Office (NAVO).

Products and support are provided to warfighters via the Navy Enterprise Portal – Oceanography (NEP-Oc), METCAST, the Global Broadcast System (GBS), automated message traffic, and email. In addition to global, regional, and ensemble models, FNMOC also provides a variety of other applications, including tailored satellite products (SATFOCUS), Web Search and Rescue (WEBSAR), Wave Visualization (WAVEVIZ), and Optimum Path Aircraft Routing System (OPARS).

In 2013, OPARS saved the DoD an estimated \$11.7 million in fuel-cost avoidance by automatically providing pilots a more fuel-efficient route, based on forecasted atmospheric conditions. Automated support includes Mobile Meteorology and Oceanography Support (MMOS) requests and tsunami messages, delivered to the fleet within minutes of an initial warning.

Dedicated fleet liaison personnel populate special support pages on the NEP-Oc, set up custom Coupled Ocean-Atmospheric Mesoscale Prediction System (COAMPS) areas, provide training on FNMOC's product suite/capabilities, and are available to assist in special support requests at all levels of classification.

FNMOC continues to press the envelope by providing the latest "state-of-the-science" NWP guidance to DoD customers by leveraging onsite high performance computing capability while leading the enterprise operational modeling (EOM) project. Specific recent upgrades include: a truly coupled (bottom of the ocean to the top of the atmosphere) regional model forecast capability (COAMPS); a regional model that incorporates SPS-48E radar data into data assimilation; and a global wave model run every six hours that is aligned with official tropical cyclone track and intensity warnings issued by the Joint Typhoon Warning Center and/or the National Hurricane Center.

The FNMOC team consists of more than 190 dedicated civilian, contractor, and military personnel, who possess unique NWP capabilities found nowhere else within the Department of the Navy.

Highlighted below are two of FNMOC's top performers, as illustrated by their selection as Junior Civilian of the Year (Mr. Michael Hernandez) and the Sailor of the Year (Aerographer's Mate Airman Helaina Greenfield).

## **AGAN Helaina Greenfield**

AGAN Greenfield's exceptional dedication and technical expertise were essential in the flawless execution and dissemination of over 3,000 submarine forecasts and tropical advisories to a globally dispersed submarine force. As a devoted volunteer and Fleet Numerical team member, she contributed over 725 hours to various programs such as: Sexual Assault Prevention and Response, White Hats Association, MWR, Navy Ball, and the Command Assessment Team, culminating in her selection as Fleet Numerical Meteorology and Oceanography Center's Sailor of the Year.



## **Mr. Michael Hernandez**



Mr. Michael Hernandez's technical contributions drove Fleet Numerical Meteorology and Oceanography Center to a higher level of performance during 2013. His ability to understand technical complexities pertinent to Fleet Numerical operations greatly contributed to maintaining uptime requirements, despite numerous operational, technical, and information assurance challenges. His contributions within the high performance computing team were outstanding in quality, magnitude, and scope and allowed the command to provide superior operational support to fleet and other tactical users, as well as national users. Hernandez's hard work, impressive technical knowledge, and innovative thinking directly impacted mission accomplishment, earning him the recognition as FNMOC's Junior Civilian of the Year.

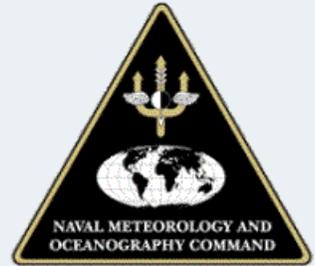
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## **Social Media**

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.

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