

# InfoDOMAIN

DECISION SUPERIORITY FOR THE WARFIGHTER

SPRING & SUMMER 2012





**Commander, Navy Cyber Forces**  
RDML Gretchen Herbert

**Deputy Commander**  
Mr. F. Scott DiLisio

**Public Affairs Officer**  
CDR Brenda Steele MacCrimmon

**Deputy PAO / Editor-in-Chief**  
Mr. George D. Bieber

**Managing Editor**  
Miss Jacky E. Fisher

**Associate Editor**  
MC1(IDW/SW) Joshua J. Wahl

**Visual Information Specialist**  
Mr. Robin D. Hicks

*InfoDomain* is the professional magazine of Navy Cyber Forces that promotes the advancement of Information Dominance through an open exchange of better practices, tactics, and current and future strategies to meet the global challenges of the information warfare domain.

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[Official U.S. Navy Photo]

**C**APT Susan K. Cervosky has served as the commanding officer, Center for Information Dominance (CID) based at Corry Station, Pensacola, FL, for almost a year now. CID is the Navy's learning center that leads, manages and delivers Navy and Joint force training in Information Operations, Information Warfare, Information Technology, Cryptology and Intelligence.

The CID domain comprises nearly 1,300 military, civilian and contracted personnel; CID oversees the development and administration of more than 223 courses at four commands, two detachments and 16 learning sites throughout the United States and Japan.

CID provides training for approximately 24,000 members of the U.S. Armed Services and allied forces each year. See pages 4-6 for an interview with Cervosky.

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**FRONT COVER:** A United Launch Alliance Atlas V rocket blasts off from Cape Canaveral Air Force Base with the U.S. Navy Mobile User Objective System-1 (MUOS-1) satellite on Feb. 24, 2012. MUOS is a next-generation narrowband tactical communications system designed to improve communications for U.S. Forces. (Photo by Rick Naystatt). For more information on the MUOS launch see pages 26 & 27.

**InfoDOMAIN:** What was your last assignment before assuming command of CID Corry Station?

**Cerovsky:** I was the USJFCOM J2 Chief of Staff

**InfoDOMAIN:** You've been the commanding officer of CID since Oct. 15, 2011 -- what is your overall impression of the job?

**Cerovsky:** Exhilarating. From my years as a general unrestricted line officer with subspecialty codes in several IDC disciplines and later on as an Information Warfare Officer, I find myself very fortunate to be in command of a great organization like CID. The well-trained, professional and diverse workforce continues to advance the strategy of making Information Dominance a main battery.

The entire CID domain in collaboration with OPNAV, TYCOM and Fleet SMEs continues to drive the development of the career-long progression from mastery of entry-level, community-specific knowledge, skills and abilities, to mastery of the leadership and management of the IDC enterprise as a whole. I'm very proud and excited about the advances being made every day to train our total force internal to the IDC and external in associated services, communities and ratings to be highly skilled, agile, creative, adaptive information-centric professionals and warfare specialists, delivering a core warfighting capability to the Joint Force.

*"At CID, we believe in the strength of the IDC and recognize how the IDC exemplifies two fundamental principles of war 'Economy of Force' and 'Unity of Command' in dominating information both offensively and defensively."*

CAPT Susan Cerovsky, Commanding Officer, CID

**InfoDOMAIN:**

What is the mission of CID?

**Cerovsky:** The mission of the Center for Information Dominance, is to deliver full spectrum Cyber Information Warfare and Intelligence Training to achieve decision superiority.

**InfoDOMAIN:** Can you explain what this means?

**Cerovsky:** The entire domain works in concert to create and deliver training and education to the IDC and Joint workforce, ensuring they possess the knowledge, skills and abilities to operationalize cyber and make information a main battery. In doing so, the Navy advances its competitive edge and operational advantage.

**InfoDOMAIN:** What sort of skills or background would a person need to have if they were thinking of becoming a CT, IT or IS?

**Cerovsky:** For someone interested in joining the Navy, I believe it is less about your current skills or your background and more related to what are your interests, dreams and goals. Where do you see yourself in 1, 5, 10, 20, etc. years. Assuming an individual has done their research, used the Life Ops tool on the Navy.com website, talked with a recruiter, and meets entrance criteria for the specific rating they are pursuing, the Navy and specifically the IDC will provide Sailors graduating

from RTC entry level technical training in an "A" school and in some cases intermediate and advance level training in "C" schools. It all depends on the career chosen; however, a CT, IT or an IS will definitely be provided specialized training to gain the knowledge, skills abilities required to excel in their specialty and within the IDC over an entire career.

**InfoDOMAIN:** Approximately how many students (officer and enlisted) are trained at CID annually?

**Cerovsky:** As we continue to operationalize cyber, our student throughput numbers continue to grow. In 2012, we expect to train 24,000 students. The number may rise with an increase in production like recruitment and rate-conversion, or in the development of new courses to meet Fleet and national requirements.

**InfoDOMAIN:** CID is headquartered at Corry Station in Pensacola, FL, but the domain is large. Can you elaborate on what rates / curriculum fall under CID?

**Cerovsky:** With the merger of Center for Naval Intelligence into CID, the Center is now responsible for the individual level training and education of the Intelligence, Informational Professional and Information Warfare communities and associated rates including IS, IT and CTN, CTI, CTM, CTT and CTR and civilian workforce

of the IDC. The consolidation realigned NMITC and FITC under CID; and in a separate non-related action, CNO approved the stand up of CID Units

Monterey and Corry as commands. In addition to these four commands, CID commands fourteen learning sites and two detachments worldwide.

We conduct both Navy and Joint (Executive Agent for National Security Agency courses) entry-level, intermediate and advanced individual level training in major Fleet concentration areas and National agency sites including Yokosuka, Hawaii, PACNORWEST, San Diego, San Antonio, Medina, Fort Gordon, Mayport/Jacksonville/ Kingsbay, Hampton Roads, Fort Meade and Groton. Community and rating-specific, specialized training coupled with completion of a PQS comprised of both core modules common across the IDC and community-specific modules provides the foundation for follow on training and education.

**InfoDOMAIN:** What does the merger of CNI and CID mean for CID and for the Navy?

**Cerovsky:** A natural evolution to the profound changes that ADM Roughead made in October 2009, and the continued changes ADM Greenert is making today. As CID reaches full operational capability, from realignment initiatives of the merger, more advances in providing end-to-end training and professional development of personnel in information-centric disciplines will occur. Each member of the warfighting team will better understand how their position

## at a **GLANCE**

**C**APT Susan Cerovsky hails from Wyandotte, MI, and was reared in Erie, PA, then Mobile, AL. She graduated from the University of South Alabama in 1984 with a bachelor's degree in geology and was commissioned in the General Unrestricted Line Community in February 1986 following Officer Candidate School.

Her first two tours with Fleet Intelligence Center, Europe and Atlantic, Norfolk, VA, and Fleet Oceanographic Surveillance Intelligence Facility, Kamiseya, Japan, earned her subspecialties in Operational Intelligence and Information Technology. Additional duties included Senior Watch Officer and Assistant Operations Officer. In May 1991, she attended Instructor School aboard the former Naval Amphibious School, Little Creek, VA, and commenced her duties as an Instructor in the Navy Leadership Department, earning her Master Training Specialist, and the Education and Training subspecialty code. Her first Department Head tour was at the Naval Historical Center, Washington Navy Yard, from November 1993 to September 1995 followed by a tour as Deputy Director of the Joint PROFORMA Center at the National Security Agency/Central Security Service Fort George G. Meade, MD. During this tour, she qualified as a National Cryptologic School Adjunct Faculty member.

Cerovsky received her master's degree in information technology management from the Naval Postgraduate School in Monterey, CA, and was designated as a Microsoft Certified Systems Engineer. She reported to Naval Technical Training Center and the Center for Cryptology Pensacola, FL, in October 2000 where she served as the Information Systems Technology Training Department Head. In 2003, she was selected for lateral transfer to the Information Warfare community and was reassigned to Naval Network Warfare Command where she worked Computer Network Defense initiatives. In May 2005, she reported as executive officer to the Navy Cyber Defense Operations Command (NCDOD).

She successfully led the command through unprecedented growth and mission accomplishment, culminating in NCDOD being awarded the prestigious Meritorious Unit Commendation. She transferred to Carrier Strike Group Twelve in November of 2007 and immediately assumed the duties and responsibilities as Enterprise Strike Group's Information Warfare Commander.

Next, she was the Executive Assistant to the Commander, Naval Network Warfare and most recently served as the Joint Forces Command J2 Chief of Staff from June 2010 until September 2011 prior to reporting to the Center for Information Dominance. ✂



## **FORCE'S CORNER**

Warriors,

**T**he EIDWS warfare qualification, although still in its infancy, remains one of the most coveted, credible and sought after warfare qualifications in the Navy. Literally thousands of Sailors across the globe have attained this qualification. More and more commands are being folded into the program with our most recent certification of the CVN's and LHD's!

**As RDML Herbert stated, she expects the Chief's Mess to lead this charge, as do I. For those who have achieved this qualification, Congratulations! For those taking a steady, calculated approach toward final qualification, I applaud you! And for those who have yet to get the EIDWS ship underway ... I am waiting for you!**

**Remember, this is a mandatory qualification and will not only serve to enhance our commanders' war fighting capability and increase your own military/civilian resume, but it will also serve to motivate those young Sailors across the globe to earn their own cutlass and globe!**

**Thanks for all you do, day in and day out, in service to our great nation! ✂**

Jay L. Powers

Force Master Chief

. . . continued on Page 6

## My Domain *continued* . . .

interrelates with other information-intensive disciplines and when brought together creates a cohesive corps for information analysis and dissemination. No one can argue the value of the interdependency of the operational intelligence cycle and accurate weather prediction on radio frequency wave propagation characteristics in exponentially increasing the value of our counter Intelligence, Surveillance and Reconnaissance (ISR) operations and electronic warfare and other effects or that the computer network defense is truly not achievable unless we understand the threats.

**InfoDOMAIN:** What is the significance of the IDC and do you think it will change the way CID operates?

**Cerovsky:** I was assigned to CCSG12 when, in October 2009, ADM Roughead announced, "The office of the Chief of Naval Operations must be organized to achieve the integration and innovation necessary for warfighting dominance across the full spectrum of operations at sea, under sea, in the air, in the littorals, and in the cyberspace and information domains."

To accomplish this, we began evolving information capabilities from 20th century supporting functions to a main battery of 21st century American seapower. The OPNAV staff reorganized and created the Deputy Chief of Naval Operations for Information Dominance (N2/N6), and Fleet Cyber Command / 10th Fleet stood up. Both of these actions better positioned the Navy to revolutionize the Navy's warfighting capability.

During the same time, ADM Roughead created the Information Dominance Corps comprised of intelligence, information technology, information warfare, oceanography and space cadre personnel. I recall

thinking this exemplifies a Total Force construct and as the IWC for CCSG12, I was working the exact initiatives for our strike group to bring together each unique position, serving a special purpose into one cohesive team to enhance each position and unite our efforts to make a stronger team working toward a common mission of providing superior information.

Information dominance begets decision superiority for our commanders and our operating forces. At CID, we believe in the strength of the IDC and recognize how the IDC exemplifies two fundamental principles of war "Economy of Force" and "Unity of Command" in dominating information both offensively and defensively. We are exploring alternatives like battle labs and holistic team trainers to create capstone events and environments to support the adage "train as we fight." The IDC Mid Career Course and the Information Dominance Senior Leadership Seminar are also two examples of intercommunity professional development initiatives.

**InfoDOMAIN:** What role do you think CID will play in the future for the Navy?

**Cerovsky:** The demand signal for a well-trained certified and professionally developed IDC workforce will remain steady. Joint and Fleet requirements will increase as we continue to accomplish the CNO's Sailing Directions and vision to operationalize cyberspace with capabilities that span the electromagnetic spectrum. As the Navy evolves, and doctrine, technology, systems and organizations remain the preeminent maritime force, so will CID as our diverse workforce throughout the domain develops new and innovative ways to train the total force on the skills required to provide superior awareness and control when and where we need it. ✎



IDC Flag panel participants (left to right) RDML Brett Heimbigner, RADM Janice Hamby, RADM David Titley and RADM William Leigher field student questions during NMITC's IDMCC. (Photo by IS3 Dawn Berinsky)

important factor in your ability to promote, especially as the IDC becomes more homogenous with senior leaders being tasked to fill IDC positions outside their domain of technical expertise."

During the first week, students connected and interacted with key IDC leadership in 5th, 7th and 10th Fleets via VTC. This allowed them the opportunity to experience and appreciate the unique challenges each numbered Fleet faces and how the IDC is providing solutions to overcome those challenges on a daily basis. Students also received instruction on a number of topics relevant to their status as rising IDC leaders. This included presentations and discussions with NMITC's Commanding Officer, CAPT Will Kotheimer, on effective fitness report and evaluation writing and NMITC's N7, CAPT Eric Exner, on preparing for promotion boards. An additional highlight of the first week was when retired RADM Edward Deets, III spoke with the students, sharing his impressions of the IDC and his experiences as an Information Warfare Officer and as Commander of Navy Network Warfare Command.

The second week of instruction was primarily dedicated to providing a more in depth look at all four IDC designators, with an entire day dedicated to each. Students were exposed to the vast capabilities of each community through seminars and discussions involving experts and leaders from each respective

community. For example, on "Intel day," RADM Tom Meek, Director of Military Support for the National Geospatial-Intelligence Agency and the 1830 Community Leader, conducted a 90-minute VTC with students, providing insights on both NGA's intelligence mission and mentorship on naval careers.

On the final day, four senior IDC leaders took part in a Flag panel that provided an open forum for students to interact and ask questions on key issues and the IDC's future. The panelists were RADM David W. Titley, Oceanographer and Navigator of the Navy and Director, Maritime Domain Awareness and Space; RADM Janice M. Hamby, Vice Director for C4 Systems (J6), Joint Chiefs of Staff; RADM William E. Leigher, Director of Warfare Integration for Information Dominance (OPNAV N2/N6F); and RDML Brett C. Heimbigner, Headquarters North American Aerospace Defense Command and United States Northern Command Director of Intelligence (J2).

Also on the final day, retired RADM Rick Porterfield, the 60th and longest-serving Director of Naval Intelligence, visited with the class and provided valuable mentorship, reflecting on his career experiences in the Intelligence Community and the IDC.

"I gained a better understanding of the expertise and career progression of officers in each of the IDC areas," said LT Seth Taylor, an 1830 Intelligence Officer. "I have come

away from the course well armed to integrate Intelligence with the other IDC warfare areas."

Attendees also appreciated the opportunity to interact with several senior leaders across all IDC domains and learn from their vast and diverse experience. In addition, students were able to learn from each other, taking the opportunity to glean new insights and perspectives from their fellow IDC peers.

Students of the pilot IDMCC iterations have already found the knowledge and insights gained from the course to be critical in their development and applicable to their current work.

"As an Information Warfare Officer, I found the IDMCC course very beneficial. It really offered me a broad view of all communities encompassed by the IDC," said LCDR Yonnette Thomas, class graduate and an 1810 Information Warfare Officer. "One specialty is so interrelated to the other that it would be detrimental to continue to operate as separate entities or separate communities. As an IDC Officer who has been more enlightened about IDC through the IDMCC course, I am extremely excited about the future of the IDC and what our community has to offer."

For more information on the IDMCC, including upcoming course dates, contact LT Kim Shelburne at kimberly.k.shelburne@navy.mil or 757-492-0139. ✎

## Information Dominance Corps and Leadership go Hand-in-Hand, says Card

By LT Jason Bruehl, NMITC PAO

**VIRGINIA BEACH, VA** – The Navy and Marine Corps Intelligence Training Center (NMITC) recently held its first Information Dominance Mid-Career Course (IDMCC) since conducting pilot courses in February and August, 2011. Information Dominance Corps (IDC) officers were involved throughout the two-week course as they provided valuable insights to students representing all four IDC communities, which they will use as they progress into key leadership positions throughout the IDC.

Deputy Chief of Naval Operations for Information Dominance (N2/N6), VADM Kendall Card, spoke with

students and fielded their questions on his vision for the IDC and what this group of lieutenant commanders can expect in the future as they transition into positions of greater responsibility. Card highlighted some of the early success stories that have resulted from the creation of the IDC.

In particular, Card referenced Operation Tomadachi and the IDC's critical role in the disaster relief and recovery operations in the wake of the Japan earthquake.

"This was a perfect example where all IDC components gathered together as one team under one banner while solving critical problems. Before the IDC, we would

have been far too fractured to achieve the same level of success," Card said.

Card also offered advice on what students need to do to promote into senior leadership positions.

"I want you all to think about leadership," Card said. "As part of the IDC, you have developed a great deal of technical expertise which is invaluable to our community, but we sometimes forget the value of focusing on leadership skills while underestimating the critical importance of highlighting your leadership accomplishments in fitness reports. Your ability to lead is going to be the single most

## Instructors Master Learning & Share Wealth

Story & Photo by LT Scott Cunningham, Fleet Intelligence Training Center Public Affairs

**SAN DIEGO** – IS1 Cynthia Steele confidently walks across a classroom of 33 engaged students ranging in rank from E-4 to O-4 as she answers a poignant question regarding her block of instruction.

Inside the Naval Special Warfare Intelligence Course taught at the Fleet Intelligence Training Center (FITC), Steele's answer was concise yet informative and elicited an understanding nod from the lieutenant who had the query.

Despite the rank disparity, Steele exercises positional authority with great professionalism and is now considered a master in her field.

Steele and seven of her instructor peers at FITC qualified as Master Training Specialists (MTS) through the Naval Education and Training Command (NETC) from December 2011 to January 2012. IS2 Katherine Ayers, CTR1 Edwin Cordero, IS1 Lloyd Hulette, IS1 Cynthia Steele, GySgt. Luke Revell, LTJG Jennifer Mangaran, LT James Sauls and FITC's Executive Officer LCDR Christina Laughlin all received the prestigious qualification in the last two months.

MTS qualifiers must become students of instruction in order to understand the various manners by which learning is achieved.

"With a year of study, application and teaching to hundreds of students, it all amounts to one thing: the mind works in more ways than can be fit into a few simple learning models," he said.

The large number of newly-minted MTS-qualified instructors from FITC is especially impressive due to the overall size of the command. The contingent of qualified instructors represents more than one-third of the total instructor cadre at FITC.

FITC's Commanding Officer CDR William Lintz was visibly proud of the group and additionally expressed his pride in the entire command all of whom played a part in the qualification of instructors and exercised his often emphasized command tenant of "shipmates helping shipmates."

That sentiment was echoed by FITC's Instructional Systems Specialist Sharon Filadelfia.

"Earning the MTS designation requires individual initiative and effort as well as command-wide support, leadership emphasis, and MTS mentors coaching and sharing tacit knowledge and expertise," Filadelfia said. "It is truly a remarkable achievement and everyone at the command should take pride in a job well done." ✂



(Left to Right - Back Row) IS1 Lloyd Hulette; Executive Officer, LCDR Christina Laughlin; GySgt. Luke Revell. (Front Row) IS2 Katherine Ayers; LTJG Jennifer Mangaran and IS1 Cynthia Steele. (Photo by Michele Diamond)

## All - Source Intel Product . . . On - Line

By LT Scott Cunningham, Fleet Intelligence Training Center Public Affairs

**SAN DIEGO, CA** – Answering needs voiced by the Fleet for greater integration of the Information Dominance Corps (IDC) during the Carrier and Expeditionary Strike Group deployment work-up cycle, the Center for Information Dominance (CID) and Fleet Intelligence Training Center (FITC) instituted a comprehensive team trainer aimed at incorporating all components of the IDC.

The three-part Intelligence Team Trainers teach officers and enlisted personnel worldwide how to properly execute Intelligence Coordinator watch responsibilities in a Composite Warfare Commander construct. The Intelligence Coordinator is the lead for creating, monitoring and updating a common operating intelligence picture which depicts a given Area of Responsibility (AOR).

All United States' units in the AOR then utilize that intelligence picture to operate effectively in conjunction with the rest of the force of a common mission. These responsibilities necessitate heavy participation from all aspects of the IDC.

Recent iterations of the team

trainer, which acts as the capstone for FITC's scenario-based maritime intelligence watch curriculum, have built on internal intelligence processes to incorporate other IDC disciplines. IDC integration has prompted the course to officially be renamed the Afloat Information Dominance Intelligence Team Trainer (AIDITT).

Synchronizing Cryptology and Information Warfare specialists, Meteorology (METOC) support, Independent Duty Intelligence specialists, as well as officers from the Fleet Intelligence Detachment, and Strike Group Destroyer Squadrons, the AIDITT truly brings together a large portion of the IDC team for the first time prior to deploying as a unified group in support of the Navy's global mission.

"Our goal is to sensitize teams to how all aspects of the IDC can aid one another's efforts," said FITC Intelligence Applications Division Officer LCDR (sel) Wil Whiteman. "During past iterations, up to 10 METOC and 15 Cryptologic Technicians have attended ... integrating the whole team (to) produce a truly all-source intelligence product."

FITC remains agile updating and advancing their team trainers. As a mandated part of the Fleet Readiness Training Plan, AIDITT is currently striving to incorporate Information Professionals from the IDC. The inclusion of Information Technicians (IT) and Electronic Technicians (ET) capable of operating and fixing the advanced systems integral to a successfully qualified intelligence watch floor will no doubt add another level of interoperability and achievement.

Further AIDITT advances will come in the form of new technological innovations, such as utilization of cloud architecture via the Virtual Desktop Environment application. This application would provide AIDITT instructors the ability to conduct virtual training to remote locations as well as to afloat and forward deployed units, saving precious funds during a highly fiscally-minded period for the budget-conscious fleet.

Overall, the AIDITT has made great strides to integrate ever greater swaths of the IDC and will continue to improve to answer the increasing demand signal of the constantly evolving fleet intelligence landscape. ✂



YN1 Daniel N. Vasquez (Right) and IT1 David K. Hart hand out coloring markers for craft activities with preschool student at the Joint Expeditionary Base Little Creek-Fort Story Child Development Center during a community outreach program. (Photo by MC1(IDW/SW) Joshua J. Wahl)

## Information Dominance Corps' Educational Opportunities Expand

By Michael Saunders, Information Dominance Corps Public Affairs

**ARLINGTON, VA** -- Graduate education opportunities for officers and civilians in the Navy's Information Dominance Corps (IDC) are increasing through a new partnership with Carnegie Mellon University (CMU) established in December.

Deputy Chief of Naval Operations for Information Dominance/ Director of Naval Intelligence (N2/N6) VADM Kendall L. Card and Jared L. Cohen, president, CMU, signed a Memorandum of Understanding for a new 16-month cyber graduate education pilot program.

The effort to expand the IDC learning continuum began in August of 2011 when the Navy staff embarked on a cyber graduate education pilot program with CMU for two active duty and three civilian IDC personnel. The 16-month program will provide graduates with a Master's degree in Information Technology and Strategy (MITS) through a cooperative endeavor involving CMU's College of Engineering, School of Computer

Science, and the College of Humanities and Social Sciences.

"This partnership provides a unique opportunity for members of the IDC to advance their education by studying at one of the country's premiere educational institutions," said Card. "It will also benefit the IDC and the Navy as a whole by giving us access to numerous experts in the fields related to Information Technology."

The MITS program is intended to build and enhance the technical capability of Navy personnel and provide new opportunities for future naval specialties. MITS provides a multidisciplinary education that prepares students to define and conceptualize:

- \* **The emerging threat environment represented by cyber operations;**
- \* **Opportunities for enhanced information analysis and exploitation;**
- \* **Development and management of innovative information technology systems; and**

\* **Associated decision-making and international-relations challenges.**

The MITS curriculum consists of four main components: required core courses, a designated area of concentration, free electives, and the practicum and seminar.

N2/N6 is evaluating potential candidates for the 2012-2013 academic year and will continue to assess the program and determine the way ahead.

The IDC was formally established in October 2009 to more effectively and collaboratively lead and manage a cadre of officers, enlisted and civilian professionals who possess extensive skills in information-intensive fields. This corps of professionals will receive extensive training, education and work experience in information, intelligence, counterintelligence, human-derived information, networks, space and oceanographic disciplines. This corps develops and delivers dominant information capabilities in support of U.S. Navy, Joint and national warfighting requirements. ✂

## CNO Realigns & Consolidates

From Navy Office of Information

**WASHINGTON, DC** -- The Chief of Naval Operations released NAVADMIN 083/12 March 12 outlining the realignment of his staff at the Pentagon to enhance the Navy's ability to navigate fiscal challenges and deliver Fleet and platform readiness.

VADM Bill Burke will assume the new position of Deputy Chief of Naval Operations (DCNO) for Warfare Systems (N9) March 12. He will be responsible for the integration of manpower, training, sustainment, modernization and procurement of the Navy's warfare systems currently resourced by the directors of Expeditionary Warfare (N95), Surface Warfare (N96), Undersea Warfare (N97) and Air Warfare (N98).

Manpower and readiness resources for the Information Dominance Corps will be consolidated under the DCNO for Information Dominance (N2/N6) to enable informed

program wholeness and warfighting capability trades for information, cyber and electronic warfare systems. Additionally, personnel, training and readiness personnel from N1 and N4 will be transferred to N2/N6 to enable more informed system centric trades and warfighting integration. N2/N6 will be responsible for Integration and Interoperability assessments for all warfare systems.

While N1 will transfer manpower and training resources associated with Information Dominance, Fleet Readiness/ Logistics and Warfare Systems to N2/N6, N4 and N9, respectively, the N1 organization will retain resource sponsorship of all accessions and advanced education, exercise administrative control over Navy manpower policy, maintain responsibility for manpower assessment.

The realignment began in March and expected to be

completed by August 2012 to inform the fiscal year 2015 Program Objective Memorandum decisions. There will be no personnel or billet reductions with this realignment, but there may be a small growth to allow the staff to conduct the missions, functions and tasks required.

"We must become more effective and efficient in our

management of resources," said Burke. "By harnessing the effort of the staff to plan and deliver, our Navy will continue to evolve and remain the world's preeminent maritime force in the face of emerging threats. We will remain focused on warfighting first, operating forward, and being ready." ✂

## Historical/Critical Power Upgrade Completed

By Timothy Severn, Fleet Cyber Command/10th Fleet Public Affairs

**NORFOLK, VA** -- Naval Computer and Telecommunications Area Master Station Atlantic (NCTAMS LANT) completed mission critical power upgrades to its facility, Feb. 23, following an evolution that has been deemed the largest communication systems shutdown in the command's 62-year history.

The upgrades were required to replace an antiquated electrical infrastructure with a modernized robust power distribution system that better supports the current capabilities of the facility while allowing for future expansion.

According to CAPT Danelle Barrett, NCTAMS LANT commanding officer, advancements in technology enable the command to provide services around the world. Geography is no longer a limitation to service, but power is.

"Getting the power infrastructure upgraded was critical to successful execution of our mission," she said. "These upgrades ensure that this key node in our national cyber grid will be able to expand and provide reliable communications services to operational forces worldwide for years to come."

The equipment upgrade required a total shutdown of communications services provided by the NCTAMS LANT headquarters and re-provisioning those services and circuits across the enterprise for thousands of operational users.

"Teamwork was the driver for this successful event. From operational communications planners, to power

subject matter experts, to security and safety personnel, everyone's contributions had to be closely coordinated and efforts carefully synchronized to ensure success. This included our critical partners at NCTAMS Pacific, Naval Computer and Telecommunications Station Naples, Defense Information Systems Agency, Space and Naval Warfare Systems Command and other commands who provided



tremendous support," Barrett said. "Through this alignment of our communications resources across the Fleet Cyber Command domain and across Department of Defense, the whole team was able to maintain seamless communications to support operations."

NCTAMS LANT Operations Officer, CDR Joseph Herzig, said that countless hours were spent planning

the myriad strategic and tactical levels of communications failover support, issuing advisements through a web of contractor and government-sponsored programs of record, and building a coalition of joint force concurrence in the months preceding the planned outage.

"The power equipment upgrade and the requirement to totally shutdown all communications services provided by NCTAMS LANT served as a great opportunity to showcase the Navy's ability to dynamically flex and utilize the Global Information Grid," he said. "The communications infrastructure provides us the robust ability necessary to deliver services to the warfighter supporting the operational commander in theater on a truly global scale."

"These monumental accomplishments would not have been successful if it weren't for the personnel and teamwork across all disciplines involved in the planning and execution of this upgrade," he added.

NCTAMS LANT provides secure, classified and unclassified, voice, messaging, video, data, telecommunications to surface, subsurface, air and ground forces in support of Command, Control, Communications, Computers and Intelligence (C4I) for real-world operations and exercises and to U.S. Navy, Joint and Coalition operating forces worldwide. ✂

# LETTERS FROM THE GROUND

Greetings from Umm Qasr, Iraq, home of the Iraqi Navy,



For most people I spoke with after I volunteered for this assignment, the first statement out of their mouths was, "What are you doing going to Iraq? I thought the war was over?"

Operation Iraqi Freedom and New Dawn are complete and the last U.S. combat forces left Iraq in December 2011. U.S. military personnel are still in country as part of the Office of Security Cooperation-Iraq (OSC-I), commanded by Army Lt. Gen. Robert Caslen.

OSC-I is under the local U.S. Embassy. I am one of 157 uniformed military members and a good number of contractors assigned to OSC-I, whose primary mission is to establish the foundation for a new U.S.-Iraqi strategic security partnership and to help the Iraqis continue to build and refine foundational defense capabilities by offering them modern equipment through the Foreign Military Sales program, and basic operator and maintenance training.

This is my third Individual Augmentation/Global Support Assignment tour and is truly nothing like my two previous

Graphic Illustration by MC1(IDW/SW) Joshua J. Wahl

tours in Afghanistan. Working under the Department of State vice Central Command or a coalition command such as ISAF is pretty interesting and at times frustrating. The U.S. military is an awesome machine not only in terms of warfighting capabilities but also in logistics operations, personnel movement and life support needs. The U.S. Embassy now has to perform many of the missions the U.S. military did. Though the Embassy staff in Iraq is nowhere near as robust or close to the size of the US Forces-Iraq presence in Iraq, their ability to take over the mission is becoming more effective weekly.

I'm assigned as the Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) advisor to the Iraqi Navy. I'm one of only five Navy officers, and total service members, assigned to our small OSC-I Mission Site here in Umm Qasr. We are set up within the confines of the Iraqi Naval Base. So even though Umm Qasr is a somewhat isolated Forward Operating Base, I have the basics, life is good and I'm living the Navy adventure each and every day. My job is to advise and train as well as execute all portions of the C4ISR FMS cases.

On a daily basis not only do I advise but I also coordinate FMS fielding and installations on a variety of systems such as surface search radars, video and forward looking infrared cameras, and VHF/UHF/HF communications systems. Additionally, we've fielded the Automatic Identification System (AIS) which is a vessel automatic tracking system used worldwide so the Iraqi Navy can identify and locate vessels by electronically exchanging data with ships and AIS base stations. With the AIS information supplemented into their radar coverage, the Iraqi Navy improves its awareness for maritime security missions and is a primary method of collision avoidance on the waterways. The Iraqi Navy focuses on maintaining the integrity of Iraqi territorial waters and the defense of the Al Basrah (ABOT) and Khawr Al Amaya (KAAOT) oil terminals located in the Northern Arabian Gulf.

The OSC-I Navy FMS Team, SPAWAR and the Iraqi Navy are working together to dramatically improve the Iraqi's maritime C4ISR capabilities. A new Fleet Operations Center has been built and with added sensor systems transmitted across a common data link, the Iraqis will be able to monitor the location and progress of friendly and enemy forces, and command and control operations via a common operational picture. This data will be sent to numerous destinations, such as the headquarters and Fleet Command elements, afloat forces, and the Oil Platforms for situational awareness.

One area I'm really looking forward to is the initial operational capability of Scan Eagle, a small, low-cost, long-endurance unmanned aerial vehicle. I'm very confident in not only the Iraqi Navy's capability to operate these C4ISR systems, but also in our willingness to continue in a partnership role with the Iraqi Navy. Now that the Iraqi Navy has the baseline systems, we are getting ready to install the upgrades and add-ons, and the Iraqi government is purchasing a sustainment capability to maintain the equipment. What they have and are getting is very capable and modern. Because we operate those same systems, that strengthens our partnership.

The Iraqi Navy has approximately 5,000 Sailors and Marines who form a headquarters staff in Baghdad, a Fleet Operational Headquarters in Umm Qasr, five Afloat Squadrons, and two Marine Battalions. By the end of the year they will have approximately 50 vessels ranging in size from 7-meter Fast Attack Patrol Boats to 60-meter Off Shore Support Vessels. Though my primary task is to the C4ISR mission areas, I am tasked and involved in Operations, Force Protection and Combat Systems as well.

I support our Engineering Advisor, LCDR Joshua "JD" Crinklaw with Dock and Sea Trials of all new American built Swift 35-meter patrol boats. I have gotten my hands dirty on numerous occasions training, mentoring and even repairing 35mm gun systems, .50-caliber guns, damage control gear, steering systems and even reverse osmosis units. On my uniform I proudly wear my Information Dominance and Surface Warfare Officer pins, here in Iraq. I get to exercise my skillsets from each of those warfare areas.

I have the pleasure of engaging daily with senior Iraqi Fleet leadership and I've been underway numerous times on different platforms with the Iraqi Navy, including missions to KAAOT and ABOT. Now if I can get the Iraqis to embrace preventive maintenance, my job will be a bit easier.

The small Navy team here in Umm Qasr is very dedicated and we are making a substantial contribution every day to building the Iraqi Naval force into a sustainable maritime partner. We are assisting them in building their skills, and it's having a direct impact on enhancing the Iraqi Navy's core competencies and enabling their naval forces to become more effective in carrying out their missions.

OSC-I is looking to increase the size of the Navy team in the near future. If you are looking for an exciting IA assignment doing actual "Navy work," this is it. ✂

**EDITOR'S NOTE: LCDR Don V. Wilson, USN, is a 6420 IP LDO with more than 24 years of service. He is an IA from Command, Naval Air Force, U.S. Atlantic Fleet, (COMNAVAIRLANT) in Norfolk, VA.**

Official U.S. Navy Photo



(Right) LCDR Don Wilson poses for a snap shot near Iraq's new Fleet Operations Center. (Below) Iraq's Navy focuses on maintaining the integrity of Iraqi territorial waters and the defense of the Al Basrah (ABOT) and Khawr Al Amaya (KAAOT) oil terminals located in the Northern Arabian Gulf.

Official U.S. Navy Photo



## Past Experiences Prepares Officer/Triathlete for Future at USNA

By Jacky Fisher, CYBERFOR Public Affairs

**Renaissance Man:** a person who has wide interests and is expert in several areas (Merriam-Webster, 1906). More than eight decades later, CDR Kristin Barnes entered the United States Naval Academy (USNA) at Annapolis, MD, as a plebe. Two decades after that, she's heading back to be the executive officer (XO) for its athletic programs.

The road Barnes traveled between plebe and athletic programs XO has shaped her in to the Navy officer she is today and prepared her to be an instructor and mentor to USNA students.

Currently, Barnes is Deputy Director, Fleet Electronic Warfare Center (FEWC) at Navy Cyber Forces on Joint Expeditionary Base Little Creek - Fort Story in Virginia Beach, VA. Her sphere of influence is anything administrative pertaining to running FEWC.

Administrative and organizational skills gleaned from this position will come in handy for her pending USNA posting. But it's more of what Barnes does in her off-duty time that is paving

her way for success.

An avid and accomplished Ironman triathlete, Barnes has competed in Ironman and half Ironman races since 2007.

"When your father is the school's wrestling and cross-country coach and you have four siblings, you either participate in one or more sports or you get left behind," said Barnes. "I first became hooked on triathlons back in 1982 when I saw an Ironman competition on TV."

But Barnes' athletic abilities did not serve as a front door to this prominent USNA position; she sort of backed in to it.

"I decided I needed a bit more adventure before retiring to the woods of Colorado," said Barnes. Over a nine month process of volunteering for several Individual Augmentee (IA) tours that for one reason or another fell through, the detailer informed Barnes she didn't have to go to sea for her last tour.

"He asked me for my dream sheet. So I gave it to him. I really wanted to

get back in the school environment," explained Barnes. Her first choice - the United States Naval Academy. Not having a technical master degree narrowed her chances of selection. So, happy with her No. 2 pick, Barnes was heading to Newport, Rhode Island for a year as a student and then a teacher. Then she got the call.

"Someone turned down the XO position at the Academy so the detailer offered it to me," said Barnes. "All I could think was, 'MINE!'" After another four months for the required nomination process, Barnes is on her way to her dream job. And the best part of this job, "I just get to show up and start working!"

Today's demographic at USNA is vastly different from when Barnes was a midshipman. Even though women comprised approximately 10 percent of the graduating class, women instructors were not prevalent.

"There were almost no women there when I was a student (1988-1992) and there certainly weren't any women who were veterans of fighter aviation," said Barnes. "I'd really like to be able to mentor midshipmen from a completely different perspective. I bring a rare set of experiences with me and I want to pass on that anything is possible to a very young group of individuals who aren't jaded or biased enough to think they can't do something."

An accomplished athletic currently in training for the All Navy 2012 Triathlon Team, a Naval aviator credited with the being the first east coast female to fly backseat in a fighter jet (see EDITOR'S NOTE), Barnes is also a published author of a children's book, Haysoos the Honu. In her story, a stuffed toy turtle destined for a Marine Corps "Toys For Tots" bin is deemed instrumental in preventing a nail-punctured motorcycle tire from deflating on a debris covered street after one of Hawaii's famous rain storms.

Official U.S. Navy Photo



CDR Kristin Barnes running in one of her many tri-athlete events.

Friends of Barnes dubbed the hero in a half shell as her "personal Jesus," which later morphed into "Haysoos", a phonetic spelling of the Spanish name Jesus. Haysoos enjoyed several years of travelling the world like a Flat Stanley ... except as a stuffed turtle, going all over the United States, Afghanistan, on board USS Eisenhower, flying in both an F/A-18 Hornet and a Blackhawk helicopter and even making a jump from a C-130. Barnes decided Haysoos should write a book about

**EDITOR'S NOTE:** Upon receiving her commission in 1992, Barnes successfully completed the Replacement Air Group (RAG) training pipeline and came out as a Radar Intercept Officer (RIO) for the F-14 Tomcat, the carrier based air superiority fighter that retired from Navy service in 2006. Barnes is credited with being the first female to fly backseat in the Tomcat on the east coast. "Out of my class of eight, they took six Toms pilots for training," said Barnes. "It's amazing how the universe works. I picked aviation not realizing I'd end up in an F-14 ... and because I didn't want to be on a ship. It was totally by accident."

his experiences.

According to Barnes, the story of Haysoos is one of understanding that your strengths and weaknesses are not liabilities – they make you who you are and we need to be OK with them.

"This doesn't mean not working on strengthening our weak spots, but we're never going to be perfect – get over it and get happy," said Barnes.

This is the same insight Barnes hopes to impart to every midshipmen she encounters during her three year tour at USNA.

"I'm a great example of what can happen if you get out of your own way. Nothing ever got fixed that was left under the rug," said Barnes. "The only way to fix processes, fix Sailors, or even fix yourself is to make honest assessments, openly acknowledge areas that need work (even if this puts you in the hot seat with your boss) and have the fortitude to propose change."

Barnes is looking forward to engaging as many midshipmen as possible, maybe even tacking on commercial flight instructor to her civilian multi-engine qualifications and becoming a flight instructor at USNA.

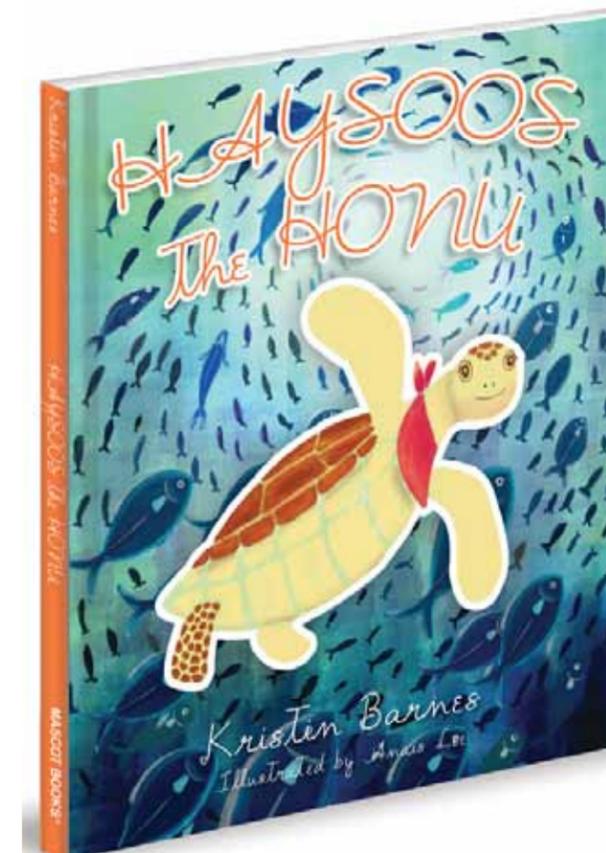
With these goals in mind, Barnes is about to start her twilight tour in the Navy with no expectations.

"The second you start to plan out your life, the world will smack you upside of your head," Barnes said. "Don't get into anything with expectations, not only so you won't be disappointed but also so you won't hold yourself back. You never know what's going to happen." ✂

Official U.S. Navy Photo



CDR Kristin Barnes poses in front of the U.S. Naval Academy's seal.



# NAVY GIRLS GRAB "GOLD"

Story & photos by  
MC2(SW/AW) Elliott Fabrizio

**CAMP PENDLETON, CA** -- Both of the All-Navy Boxing Team's female fighters won their fights in the 2012 Armed Forces Boxing Championship, Feb. 3.

In Armed Forces Boxing, female bouts do not count toward their teams' overall standing in the tournament, but that doesn't stop them from competing.

Newcomer to the Navy team, IT2 Nicole Saunders from Navy Center for Tactical Systems Interoperability (NCTSI) Detachment, Hampton Roads, faced Army Spc. Dianeya Nodarse in the 141-pound class. Both fighters slugged it out, battering each other around the ring.

At the conclusion of each round, Saunders trailed by two points, but in the final minute of fighting, she dug down and rallied to pull ahead with a bombardment of brutal combinations, resulting in a 20-16 victory.

"I didn't know how many points I was down, so I just tried to put her in the corner and get off some good body shots," said Saunders. "I can't even describe the feeling being out there. I'm just happy I could represent the Navy and get us the gold medal that we deserve."

The Armed Forces Sports boxing program does not have enough female fighters to fill every weight class, so MA3 Rhonda McGee, from Naval Station Guantanamo Bay Security Detachment, faced off with civilian fighter, Vanessa Guzman, from California's Alliance Training Center to build experience.

"At least Armed Forces [Sports] was able to get me a fight," said McGee. I would have been really bummed and left out if I made it to Armed Forces and didn't get to fight anyone at all. Of course it would have been better if I fought someone from one of the other branches. I mean, it is an Armed Forces championship. Hopefully next year more women will come out for military boxing and there will be someone in my weight class."

McGee aggressively whipped hooks across Guzman, dazing her. The referee stopped the contest in the fourth round, declaring McGee the winner.

Saunders agrees with McGee's frustration, having to compete against a civilian in the Armed Forces Boxing Championship.

"You don't have that many female sparring partners, so you have to face guys the majority of the time, and they don't want to be beat by a girl," said Saunders. "Boxing is hard work and I'd say females have it the worst. But I'm here now, so it was all worth it."

"The women work just as hard, if not harder than the men," said All-Navy Boxing Head Coach George Sylva.



(Top) IT2 Nicole Saunders (left) slips a cross on Army Spc. Dianeya Nodarse. (Above) IT2 Nicole Saunders takes advice from Navy boxing coach George Sylva during her fight in the finals of the 2012 Armed Forces Boxing Championship at Camp Pendleton, CA.

"I believe they deserve the same respect as the other competitors. It's up to us as coaches to ensure the quality of boxing is the same in the female ranks as it is in the male ranks."

In the 2011 championship, female fighters received gold and silver medals, but this year, female fighters won first-place and second-place plaques.

"I think it's unfair how our fights don't count for the team award considering females have come so far in this sport. We're even in the Olympics now," said Saunders. "But no points and no medals will not stop me from doing what I do best." ✂

# COPERNICUS AWARD SPOTLIGHTS NIOC'S SHINING EXAMPLES

By CTMSN Chris Lundquist, NIOC WI Public Affairs

CTR1 Patrick Kennedy and CTR1 Vincent Lopez of Navy Information Operations Command Whidbey Island (NIOC WI) were honored by the Armed Forces Communications and Electronics Association (AFCEA) as the latest recipients of the prestigious Copernicus Award in San Diego, Jan. 24. This was the second consecutive year NIOC WI had Sailors chosen for the award that recognizes the achievements of individuals in U.S. Navy, Marine Corps and Coast Guard Command, Control, Computer, Communications and Intelligence/Information Technology (C4I/IT) -- related jobs who significantly contribute to the advancement of naval warfighting capabilities.

Kennedy was nominated for his work as a lead instructor for NIOC WI's Fleet Direct Support (DIRSUP) Department that led to the creation of a Navy Enlisted Classification (NEC) code 9105 Personal Qualifications Standard (PQS). Additionally, he was responsible for the creation of three new expeditionary battle problems used to train nodal analysts on real-world scenarios, preparing them for worldwide operational deployments. "[CTR1 Kennedy's] efforts significantly contributed to standardized fleet-wide training of NEC 9105 nodal analysts, which increases the efficiency of our battle groups out there in harm's way," said NIOC WI Executive Officer, LCDR Adam Albarado.

While deployed 91 days on board USS Boxer (LHD 4) and USS George Washington (CVN 73), Kennedy established long term trend analysis for the battle groups, increasing the operational commander's situational awareness.

"I feel honored to receive this award. I am lucky to have a chain

of command that encourages us to always keep pushing to make things better. I could not have done it without the help and support of the great Sailors I work with," said Kennedy.

Lopez was nominated for his outstanding leadership as Global Signals Analysis Lab (GSAL) Maritime Air Center (GMAC) Leading Petty Officer (LPO), who was deployed for more than 445 days. During this period GMAC had 100 percent Sailor retention, a 100 percent physical fitness assessment pass rate, and 67 percent advancement.

"I wish this was a group award so all my Sailors who aided me with this achievement could receive something for their contribution. There is no way I could have done it without them. Hard work pays off," said Lopez.

Lopez was selected as the technical expert among 10 other technicians in the Information Dominance Corps to establish the preliminary capabilities of the new Mobile Quick Look (MQL) mission; as well as two prototype MQL vans that were subsequently deployed to operational theaters with outstanding results. He led seven analysts in the initial operational testing of the MQL van where they found 15 deficiencies and submitted 32 system trouble reports, which led to improved capabilities in follow-on MQL vans. Lopez was able to establish the first Standard Operations Procedures (SOP)



(Left to right) CTR1 Patrick Kennedy and CTR1 Vincent Lopez enjoy the AFCEA convention. (Photo by Mrs. Sarah Kennedy)

for MQL.

"I feel proud that their hard work has come to fruition and is being recognized in the highest circles of our community," said CMDCM Samuel Olmstead, "[Their] hard work and dedication has come full circle and it is good to see this kind of recognition."

For two Sailors to receive this Award exemplifies the kind of Sailors NIOC WI tries to produce. "[They] took the tools, training and mentorship this command has provided, added their hard work and initiative, and achieved significant results in the Fleet," said CAPT Joseph P. Pugh, commanding officer.

"Hopefully this will open their eyes to the value and importance they have on making a difference, especially to be seen in a venue like the Copernicus Award," said Olmstead. "They are a shining example for all the young Sailors here and those who are to follow." ✂

# CID Sailor Saves Drowning Woman

Story & Photo by Gary Nichols, CID Public Affairs

PENSACOLA, FL – A student at the Center for Information Dominance Unit Corry Station rescued a drowning woman he found floating face down in a Pensacola hotel pool March 13.

Information Systems Technician (IT) 'A' School student, Seaman Apprentice Nicholas Putskey, 19, of Wautoma, WI, resuscitated Barbara Hogan, of Massachusetts, who had lost consciousness about 1:45 p.m. while swimming in a pool at Ashton Inn on the west end of Pensacola.

Myrtle Grove Volunteer Fire Department's (MGVFD) LT Larry Richardson responded to the emergency call and credited Putskey's quick action with saving Hogan's life.

"It was definitely crucial," Richardson said. "It only takes a little bit of time in the water to make or break them, so he definitely did what he was supposed to, that's for sure."

"He is a hero," Hogan said. "Both myself and my family are grateful to him. I owe my life to him."

Hogan was in the area to visit her son who had recently graduated from CTR 'A' school at CID Unit Corry Station.

Putskey's mother, Jane Putskey, and fiancée, Chelsey Clark, both of Wautoma, were spending spring break in Pensacola to visit him.

He and his girlfriend were swimming at the same time that Hogan and her niece were playing in the pool.

As the young couple were about to leave the pool, Clark noticed Hogan was face down and immobile.

"I immediately dived into the pool and pulled her out," Putskey said. "She was blue in the face, blue as can be, and she wasn't breathing at all."

Since Hogan wasn't breathing, Putskey immediately began CPR. Meanwhile, Clark watched the little girl and called for help.

"I revived her and she came back to her senses," Putskey said. "She was a little dazed,

and didn't know where she was, but she was alive."

Putskey and Clark stayed with Hogan, until fire-rescue arrived on scene.

Hogan was transported by MGVFD to Baptist Health Care where she was treated and later released.

"She definitely had water in her lungs, but she was alert by the time we got there," Richardson said.

Putskey said his boot camp training was the key to him doing the right thing at the time.

"At the time, it was just instinct that kicked in and made me do what I did," Putskey said. "What I learned at boot camp – CPR and first aid – all came back to me. I'm glad it all worked out."

CID Unit Commanding Officer CDR L. Sung had high praise for the young Sailor who reported on board CID Unit Corry Station in October for training.

"Seaman Nicholas Putskey embodies our Navy core values of honor, courage and commitment. His actions were truly of a heroic nature and are a testament to his training at Recruit Training Center (RTC) Great Lakes," Sung said. "His humble demeanor is an example of his commitment of service to others. We at CID Unit Corry Station are all very proud of his quick reaction in saving the life of another Sailor's mother."

All the attention that has suddenly been focused on Putskey has made him a bit self-conscious. He said the successful rescue couldn't have happened without others pitching in and doing their part.

"It was definitely a team effort," Putskey said. "A lady named Tamea, who is one of the hotel maids, stayed with me to help calm the woman and make her comfortable, while my girlfriend went for help." ✂



(Center) ITSN Zach Curry, of Groesbeck, TX, a student at the CID Unit Corry Station, demonstrates to Chief of Naval Personnel VADM Scott R. Van Buskirk how his computer responds to his method of problem-solving in a Digital Tutor classroom. (Inset) Students at the CID Unit Corry Station study at a Digital Tutor classroom. The computer-based teaching program is being tested at CID Corry Station.

## CID's Enthusiasm Impresses CNP

Story & Photos by Gary Nichols, CID Public Affairs

**PENSACOLA, FL** – The Chief of Naval Personnel (CNP) recently visited the Center for Information Dominance (CID) Corry Station.

"It's my first exposure to all the tremendous training that's going on down here," said VADM Scott R. Van Buskirk, Chief of Naval Personnel. "It's wonderful to see all the enthusiasm, both from instructors and students, and how the delivery of new and cutting edge technology and skills to our young Sailors is preparing them for the Fleet."

Though it was his first visit to CID, the learning center has been a bright blip on the CNP's radar, thanks in

large part to the implementation of the Information Dominance Corps (IDC) in early 2010.

As part of a recent CNP initiative to align training for the IDC under one roof, the Center for Naval Intelligence merged with CID, transforming the newly blended learning center into one of the largest, most geographically-dispersed and complex centers within the Naval Education and Training Command.

One new program CID is helping to develop is Digital Tutor (DT), which Van Buskirk toured during his visit.

DT is a research and development

pilot program that is being tested at CID to model computer-based training for the next generation of cyber warriors. In partnership with Acuitus and the Defense Advanced Research Projects Agency, DT has extensively studied how the best instructors teach and how they adapt to individual students' learning styles. This information is then incorporated into an adaptive learning delivery system, which will enable the DT to teach each student one-on-one in an instructor-led, computer-based environment.

Van Buskirk said he was particularly encouraged by the high

level of instruction being conducted at CID.

"This cutting edge type of instruction shows how much we continue to invest in our ability to train our folks," Van Buskirk said. "I'm awestruck by some of the methods that are being used, as compared to when I was trained

when I went out to the Fleet."

CID is the Navy's Learning Center that leads, manages and delivers Navy and joint force training in information operations, information technology, cryptology and intelligence.

With a staff of nearly 1,300 military, civilian and contracted

staff members, CID oversees the development and administration of more than 168 courses at four commands, two detachments and 16 learning sites throughout the United States and in Japan. CID provides training for approximately 24,000 members of the U.S. Armed Services and allied forces each year. ✂

## Admiral Gives Linguists 'Pep Talk' on Learning

Story & Photo by MC1(SW/AW) Nathan L. Guimont, CID Public Affairs

**MONTEREY, CA** -- The commander of U.S. Fleet Cyber Command/U.S. 10th Fleet visited Center for Information Dominance Unit (CIDU) Monterey during an All Hands call Jan. 30.

The visit to CIDU Monterey was twofold for VADM

Michael S. Rogers: to encourage each Sailor to succeed as a Navy linguist, and to give the Sailors a better understanding of the structure of Fleet Cyber Command, the Defense Language Institute Foreign Language Center (DLIFLC), and their role in each of them.

"There are two advantages of the Cyber Command structure," said Rogers. "The first is we are now addressing our mission areas at the highest levels, both at the joint and the Navy level, which is a huge advantage. Second, we are recognized by the senior most leadership within the organization as an operational entity. This gives me the opportunity to plug in with all the other fleet commanders and that is a real positive for us."

When explaining the structure of DLIFLC, Rogers stressed how important it is for Navy linguists to succeed.

"This entire structure is designed to ensure that you have the language skills necessary to go out to the fleet and function as CTs," Rogers said. "You each have been sent here because we need you to acquire a skill that is needed to execute our missions at sea and ashore."

Rogers, who has a cryptologist background,

emphasized the importance to never stop learning language.

"Language is a tough skill and the one thing that you will learn here. The longer you do this job, the more you will realize that the learning never stops. Whether you're

at school at DLI, or whether you're out at your duty stations, you have to make a personal commitment to be a good linguist, and that means you must work hard to acquire it. But more importantly, you have to work hard to retain it."

Rogers spoke of his respect for Navy linguists and the dedication it takes to maintain language proficiency.

"One thing I have always respected about linguists is that they have to work hard their whole career to retain their language proficiency. It's not like they go to basic training, then to 'A' school, and then they don't have to worry about it again. It will test you, and DLI will show you how to maintain your proficiency."

Rogers also addressed students directly during the All Hands call.

"All of you knowingly assumed the obligation of defending your nation and your fellow citizens

and that speaks well to your sense of duty, honor, courage and commitment, and I thank you for making the sacrifice."

In the previous week Rogers also visited the CID



VADM Michael S. Rogers

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Headquarters and CID Unit Corry Station, both based at Pensacola, FL.

While at CID Unit Corry Station, Rogers commented on how CID fit into the 'big picture' of the Information Dominance Corps.

"Clearly the strength of the concept is our people and the core aspect of our people is optimizing their skill sets," Rogers said. "CID is at the forefront of our effort to do that...which is great for us as an organization and as a team."

Rogers is the first restricted line officer to serve as a fleet commander and the first Information Dominance Warfare officer to achieve the rank of vice admiral.

CID is the Navy's Learning Center that leads, manages and delivers Navy and joint force training in information operations, information technology, cryptology

and intelligence.

With a staff of nearly 1,300 military, civilian and contracted staff members, CID oversees the development and administration of more than 168 courses at four commands, two detachments and 16 learning sites throughout the United States and in Japan. CID provides training for approximately 24,000 members of the U.S. Armed Services and allied forces each year.

CIDU Monterey is the Navy's only language learning command that trains and develops Sailors to be language professionals through exceptional leadership, support, mentorship, instructional expertise and continual process improvement. With a staff of 50 military, civilian and contracted staff members, CIDU Monterey provides training for 536 Sailors each year.

## Fit & Trim Ship Shape Chaplain Style -- Holding to Tradition

By ENS Joseph Pasion & Gary Nichols, CID Public Affairs

**PENSACOLA, FL** – A Navy chaplain at the Center for Information Dominance (CID) Unit Corry Station has continued a century-old practice of providing for not only the spiritual, but physical welfare of his Sailors.

LTJG Nicholas Alander has developed a new way of conducting physical training (PT), which is as innovative for the students and staff on board Corry Station as the original PT program must have been for Sailors in the days when the Navy was still a sail-powered force.

In the latter half of the 19th century, as the U.S. Navy evolved from sail to steam power, and the United States was becoming a mighty worldwide maritime force, its Sailors were, ironically, losing physical strength and endurance.

In the early 1890s CAPT Francis M. Bunce, then-commanding officer of Naval Station Newport, RI, tasked Navy Chaplain Wesley O. Holway to develop a compulsory drill program for Sailors to keep them from getting soft and out of shape.

Bunce had observed that Sailors on board sail-powered ships who regularly climbed the ship's rigging

and handled canvas were lean and hard, while Sailors on board steam-powered ships were out of shape due to their lack of hard physical labor.

The program Holway described in his report to Bunce was so well received, that in 1898 it became the Navy's first official Manual of Physical Drill.

Like Holway, Alander has created a new and different kind of workout program for his staff at the Corry Station Chapel. Unlike Holway's paper-based program though, Alander created a video-based program for today's technology-savvy Sailors.

Alander said his voluntary PT program was intended to help his staff to get in shape and be fun and challenging. Above all, it was designed to dovetail with – but not replace – the established command PT program.

"At the chapel we want to take care of the whole person -- not just the spiritual side, not just the emotional side, but the whole person -- and that includes physical fitness," Alander said. "Studies show that when somebody is physically

involved in fitness, their emotional well-being tends to improve as well. And so since we care for the emotional, spiritual side, why not add the whole person, make it the physical side as well."

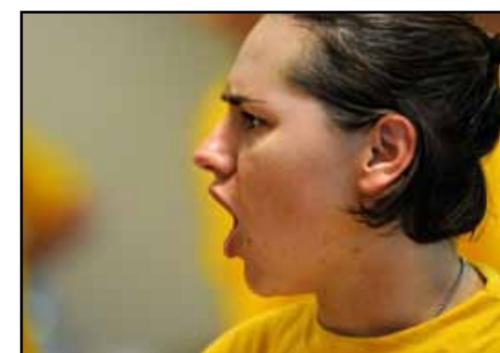
Word spread about the chaplain's unique program and interest grew among students and staff on board CID Unit Corry Station. Students and staff from around the command requested to participate in the program. Alander's small PT group soon grew from a handful to dozens of participants.

The new program lasts for eight weeks and is divided into three phases.

Each phase of the program is designed to build up for the next phase. The difficulty and duration of each workout increases with each new phase.

The first phase, called "Get There," lasts 30 minutes session. Alander was able to track the amount of calories burned by having participants wear calorie counters. "Participants were able to burn about 500 calories in 30 minutes

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(Clockwise) CTT 'A' school student CTTSN Dylan Harris, of Tallahassee, FL, performs squat-thrusts during the first Corry Gets Fit Challenge program. (Above) CTTSN Jessica Salter, of Shreveport, LA, shouts encouragement to a shipmate. (Left) Seaman Apprentice Sara Lenart, of Waco, TX, participates in the first Corry Gets Fit Challenge program, which was conducted in the fellowship hall at the chapel on board Corry Station. (Photos by Gary Nichols)

# CIO's Network Tips

By Carlos Parter, U.S. Fleet Cyber Command

## ... NEWS YOU MUST USE

### A Fox in the Hen House!!

The following describes a reported breach of Personally Identifiable Information (PII) involving a Department of the Navy (DoN) information system from an insider threat; you can't make this stuff up!

Disclaimer...names have been removed to protect the innocent, but the details are factual and based on reports sent to the DoN Privacy Office

According to a DoN IT Resource article (2009), a former civilian contractor, working in support of the Navy Marine Corps Intranet (NMCI), obtained PII associated with approximately 17,000 individuals. The PII was downloaded to a thumb drive (first red flag) and consisted of names associated with Social Security Numbers, home addresses and other data elements.

The contractor (who had a criminal record – second red flag) attempted to sell this information to an individual whom he believed to be a foreign spy but was actually a law enforcement official. Can you say fail on the background checks? The contractor was arrested and later found guilty of aggravated identity theft and exceeding authorized access to a computer for personal gain.

This breach attracted national media attention and demonstrated how the insider threat is potentially more damaging than breaches involving human error.

Additionally, according to a Verizon 2012 Data Breach Investigation Report, 2011 was marked as the year of civil and cultural uprising. Citizens revolted, challenged and even overthrew their governments around the world. The unrest went beyond the physical world. The online world was rife with the clashing of ideas that took the form of activism, protests, retaliation and pranks. Groups like Anonymous were formed and temporarily shut down government websites through distributed denial of service attacks.

Verizon's report described 855 incidents, 174 million compromised records in 2011; one half of the breaches were the result of the use of unapproved hardware/devices, 43 percent were the result of abuse of system access/privileges and 57 percent were the result of embezzlement, skimming and related fraud.

In April 2012, the United States Government Accountability Office (GAO) released a statement by Gregory C. Wilshusen, director, Information Security Issues, which describes the nation's cyber threat posture as follows:

*"The nation faces an evolving array of cyber-based threats arising from a variety of sources. These threats can be intentional or unintentional. Unintentional threats can be caused by software*

*upgrades or defective equipment that inadvertently disrupts systems and intentional threats can be both targeted and untargeted attacks from a variety of threat sources. Sources of threats include criminal groups, hackers, terrorists, organization insiders and foreign nations engaged in crime, political activism or espionage and information warfare. These threat sources vary in terms of the capabilities of the actors, their willingness to act and their motives, which can include monetary gain or political advantage, among others."*



### Network Man says ...

*Let's shine a little light on the situation!*

Insider threat is real! Inadequate screening of personnel, the use of unauthorized removable media and unbridled users allow insiders to do their dirty work. It is the responsibility of everyone to help protect our information, networks and mission.

### What constitutes an "insider threat"?

The DoD Insider Threat Integrated Process Team (IPT) has separated the words to better define the threat on a defense networking level as follows:

### Insider

The insider is anyone who is or has been authorized access to a DoD information system whether a military member, a DoD civilian employee, or an employee of another federal agency or the private sector.

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(Left) CTT3 Maria Veon, of Scranton, PA, jumps high in the air during the first Corry Gets Fit Challenge program. (Below) LTJG Nicholas Alander (far right), a Navy Chaplain, leads a group of students during the first Corry Gets Fit Challenge program, which was conducted in the fellowship hall at the chapel on board Corry Station. The program has become so popular it moved to the base gym. (Photos by Gary Nichols)



during the first phase," he said.

The second phase, called "The Work," and ramps up the difficulty while upping the workout routine to 45 minutes, which burns approximately 800 calories.

The third and last phase is called "It's On," an hour-long routine.

"You have the potential to burn 1,000 to 1,300 calories," Alander said. "That's more than a 10 mile run worth of calories in an hour."

The program tracks each participant's progression by incorporating several fitness tests during the course of eight weeks.

These are conducted during the first day, day 10, week five, and week eight. They include eight different movements that range from cardio, strength and endurance. Participants are given a minute to do as many repetitions of each movement as they can.

One of the original participants in the new program was RP2 Larosa Johnson, of Alander's chapel staff. She said the program helped her shed pounds and considerably reduced her dress size.

"I've lost 28 pounds and went from a dress size 14/16 to 6/8," Johnson said.

Participants who complete the program are awarded a T-shirt and a workout video to go along with their accomplishment and new found athleticism.

The work out video was filmed

by Alander and the students who participated in the fitness program.

"The program is not just a one-time thing," Alander said. "I created the videos so they can continue with the program wherever they've moved on to."

As a safety precaution, those interested in participating must abide by and sign an agreement that includes the rules and safety policies of the program. Alander is CPR trained and is a qualified Command Fitness Leader (CFL). Additionally, his assistants for the Corry Gets Fit program are also CPR trained and are designated as Assistant CFLs.

There have been around 300 participants since the inception of the program in August 2011. To date, there have been about 200 people who've completed the regimen and have drastically improved their

overall fitness.

"Ever since I have been doing this workout, my flexibility, agility and energy level have all improved greatly. I lost 17 pounds since I have been with this program," IT instructor IT2 (SW/AW) Lakisha Johnson said. "Give it a try. If I can do it, anybody can do it."

Alander stresses the idea that not only can Navy chaplains provide services that strengthen the individual's spiritual and mental health, but they can also support the individual's physical health.

"This is the beginning of something that I hope will continue," Alander said. "And I think that if we can get people fit physically, mentally they will be sharper and will do well in school, and just have a very positive outlook on anything that comes along." ✂

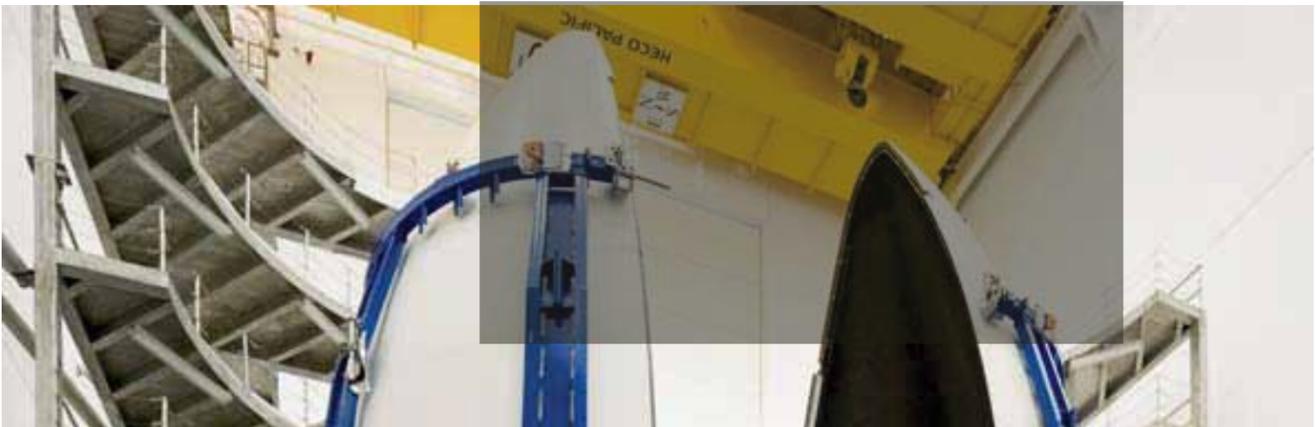
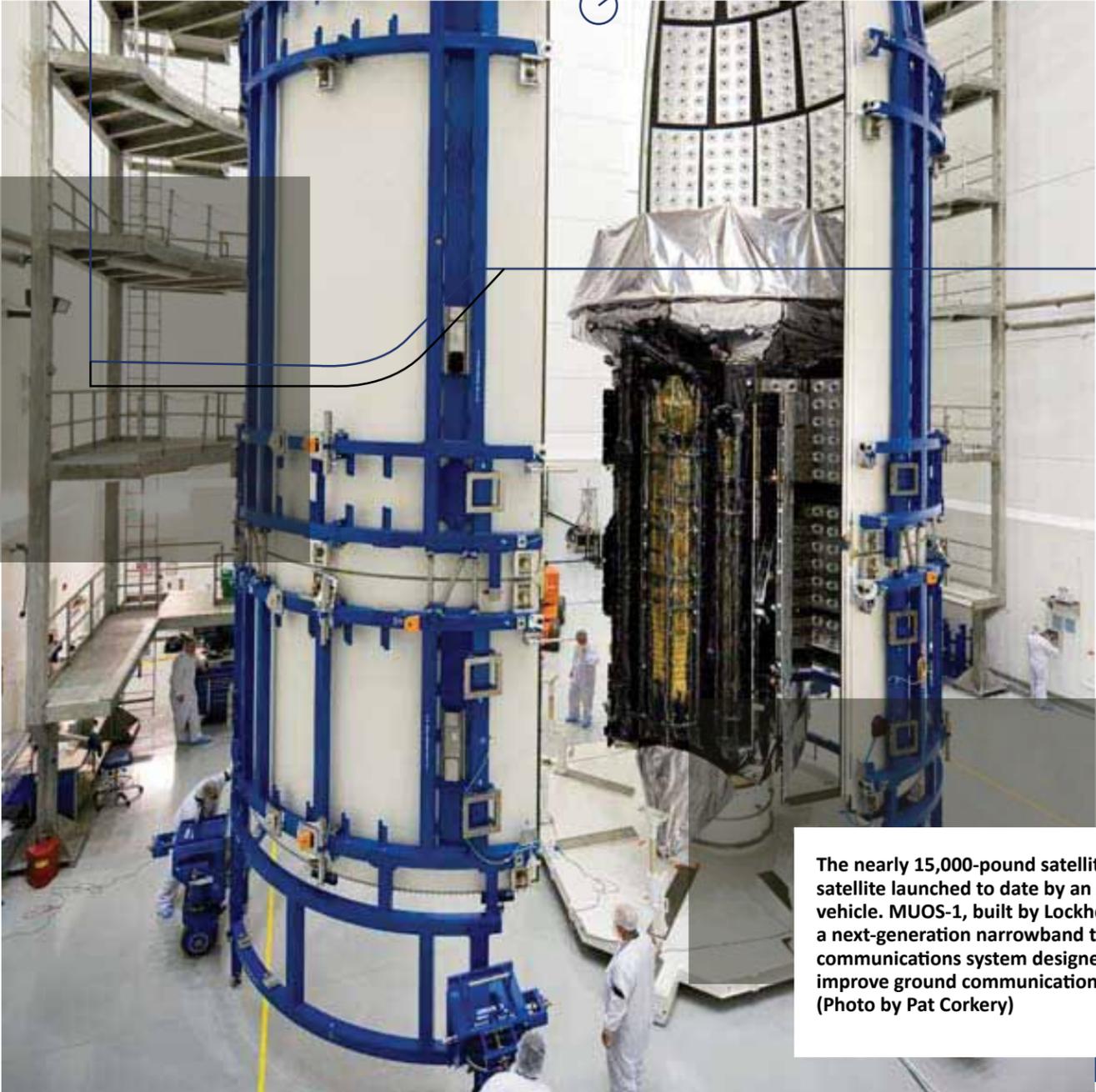


Photo Illustration by MC1(IDW/SW) Joshua J. Wahl

# NAVY LAUNCHES MUOS SATELLITE

## U.S. FORCES COMMS SET TO IMPROVE

From Space and Naval Warfare Systems Command Public Affairs



The nearly 15,000-pound satellite is the heaviest satellite launched to date by an Atlas launch vehicle. MUOS-1, built by Lockheed Martin, is a next-generation narrowband tactical communications system designed to significantly improve ground communications for U.S. forces. (Photo by Pat Corkery)

**CAPE CANAVERAL AIR FORCE STATION, FL --** The Navy's first Mobile User Objective System (MUOS) satellite was launched Feb. 24 from Space Launch Complex 41.

MUOS is a next-generation narrowband tactical communications system designed to improve communications for U.S. forces on the move. MUOS will provide military users simultaneous voice, video and data capability by leveraging 3G mobile communications technology.

Born from the need for stable, 24/7 ship-to-shore communication that could be successful regardless of environments and geographical conditions, the Navy is responsible for providing narrowband satellite communication for the Department of Defense.

"MUOS' top requirements include capacity, coverage and link availabilities. It will provide 24 hours a day, seven days a week global coverage," said CAPT Paul Ghyzel, MUOS program manager. "The ability for a warfighter to make a telephone call over a MUOS terminal and send data at 10 times more capacity than that's available now will be a significant improvement."

For the Navy MUOS team, many of whom have spent years on the

program, the successful launch is just the beginning of work to come.

"We are very excited to see this milestone today. It's the end of one phase and the beginning of another," said CDR Jeff King, a MUOS systems engineer who worked on the program for three years.

King explained that upon separation from the launch vehicle, the satellite will stay in a temporary orbital slot for initial testing.

"The satellite will spend the next several months in its geostationary orbit and be thoroughly checked out by the combined government and contractor team before being turned over for operational use," King said.

Operational use, also known as initial operational capability, for the first MUOS satellite is expected in summer 2012. Control of the satellite will then be turned over to the Naval Satellite Operations Command in Point Mugu, CA.

Ultimately, the MUOS constellation will consist of four satellites and an on-orbit spare. The system also includes four ground stations strategically located around the globe, which provide worldwide coverage and the ability to connect users

wherever they are. The ground system transports data, manages the worldwide network and controls the satellites.

Today's narrowband communication system limits users to stationary locations with an antenna up and pointed toward a satellite.

"With MUOS they'll be able to move around the battlespace," said King. "They'll be able to communicate to users on the other side of a mountain or the other side of the world."

Beyond providing continuous communication for all branches of the military, Navy-provided space-based narrowband capability also ensures reliable worldwide coverage for national emergency assistance, disaster response and humanitarian relief.

The MUOS constellation is expected to achieve full operational capability in 2015, extending narrowband availability well past 2025.

The launch was originally scheduled twice before, Feb. 16 and again Feb. 22. Both were canceled and rescheduled due to unfavorable weather conditions.

The program is managed by the Navy's Program Executive Office for Space Systems, Chantilly, VA, and its Communications Satellite Program Office in San Diego.

# ONE WAY TO MAKE SAILORS' LIVES EASIER? FIX THEIR SOFTWARE!

Story & Photos by CDR Brenda Steele MacCrimmon, CYBERFOR Public Affairs

***"Our Fleet Sailors need systems and applications that perform with maximum benefit and minimal burden." -- RDML Gretchen Herbert, Navy Cyber Forces Commander.***

**NORFOLK, VA** – A laundry list of outdated software applications wasn't what the Fleet Forces Commander ADM John Harvey expected to hear about when he asked how life aboard the USS Oak Hill could be improved. Out-of-date, slow, non-user-friendly, and even broken equipment prompted Harvey to immediately task Navy Cyber Forces (CYBERFOR) to assess and fix the Sailors' software woes.

CYBERFOR knew it would take a special targeted team to review the many software applications aboard today's Navy vessels. That's how the Fleet's Functional Area Manager (FAM) team was born! Since its birth, FAM's scope has evolved from simply investigating troubled applications, like those on the Oak Hill, to intricately analyzing every software application afloat.

Before FAM could begin to fix systems though, they first needed to develop a full list of all applications in the Fleet. They were shocked when the list exceeded over 900 applications. With so many application, and problems within systems, FAM quickly figured out that they would need to employ the help of Fleet Sailors in a one-on-one, face-to-face setting to effectively begin identifying the problems. So, a mobile team called Fleet Applications and Solutions Team (FAST) became the newest addition to the FAM family!

The small group started mobile visits to ships to explore all of the applications on board with the very Sailors who utilize the hardware and software daily. With the Sailors' honest feedback and help, FAST has been able to provide the Fleet FAM Analysis Working Group (AWG)

with the data required to begin the comprehensive process to decrease security vulnerabilities, remove old applications or redundant ones that take up unnecessary bandwidth, and work with Program Offices to identify the need for fixes, upgrades and even newer versions that will address the functionality and security issues identified.

Such one-on-one interaction between the team and Fleet Sailors has definitely proved to be the most powerful connection in the overall process. "I rely on my FAST teams to engage directly with the deck plate Sailor, to gather candid, unvarnished Fleet feedback regarding application functionality and performance issues," said Navy Cyber Forces Commander RDML Gretchen Herbert. "Frankly, there's no better metric for zeroing in on afloat application problems that need to be fixed TODAY, than talking directly to the operational 'end user'!"

Fleet FAM / FAST also helps equip ships with cost effective Command, Control, Communications, Computers, Combat Systems, Intelligence, Surveillance and Reconnaissance (C5ISR). "Our Fleet Sailors need systems and applications that perform with maximum benefit and minimal burden," Herbert said.

Working with Sailors face-to-face gets the team unencumbered feedback and imperative data about what's really working and what's not. John Toomer, the team's civilian lead, knows just what questions to ask since he once lived the life of today's Sailor as a Senior Chief in an Information Technology billet. The feedback is then passed on to type commanders and program offices via the AWG so that problematic applications and systems can be fixed.

"The current effort of FAM-FAST is not only relevant, but a long time coming," said Toomer. "As FAST has

evolved over the past several months, it has become clear to me that our Sailors overall are having to overcome tremendous obstacles just to perform simple tasks." The face-to-face surveys are providing very useable feedback according to Toomer, and providing the team some leverage to seek resolution to problematic applications.

If they can't be fixed, or if the current products don't meet Sailors' needs anymore, then the team fights to get future products installed sooner. This is when the team's name 'FAST' takes on a much more literal meaning since their goal becomes helping those Sailors get new and enhanced capabilities as quickly as possible within a rapidly changing shipboard environment.

"To meet the Sailors within their own environment not only affords our team the opportunity to hear about their issues, but it also allows us, in most situations, to witness those issues firsthand," said Toomer. FAST is becoming more known to the Fleet all the time and their 'ground pounding' efforts aboard ship, as Toomer describes it, has continually earned them more respect among ships' crews and commanding officers. "Because the team believes in this initiative so much, we've been most willing to do whatever it takes to ensure our Sailors are the recipients of what these products are being advertised as providing," Toomer said.

Team members emphasize the importance of Sailors always documenting their systems problems with the Navy's 311 Trouble Desk, and they do their best to conduct informal cross-departmental surveying while aboard a ship to learn what applications are used by certain divisions.

"Sometimes it turns out not to even be the systems that are the problem," said Fleet FAM Commander Rich Menard. "People might just need additional training, and then our goal becomes helping them get what they need to do their jobs." So far, Menard and his team of contractors and civilians have boarded 29 ships. The team also has an additional 10 ships lined up in Pearl Harbor before the end of the fiscal year.

Fixing troubled software issues can actually make a Sailor's life much easier while shipboard. "It's very difficult when they constantly need to find work-arounds for



problems, or when they've given up using an application altogether," said Menard.

The team is Fleet-focused and is conducting FAST survey visits on all classes of ships and submarines, and FAST members definitely don't like to be looked at as inspectors. "Our role is not that of inspectors, but of a group focused on meeting the needs of our Sailors one-on-one rather than through an impersonal survey."

He emphasized that their mission isn't accomplished alone though. "We always utilize the subject matter experts on board each ship – our Sailors," said Menard. "When we meet them face-to-face, it lets them know that we are actually held to helping them and fixing their problems."

FAST also employs the help of the Space and Naval Warfare Systems Command (SPAWAR) Fleet Readiness Division, a group of reservists, Communications Assistance Teams, and Fleet System Engineering Teams (FSET) to help them conduct the FAST and work with the ships to clearly identify issues and concerns. "Their added help allows us to bring a much bigger footprint onboard the ship," Menard said.

Part of the entire process includes asking the critical question at the end, "Bottom line, did we actually solve your problems?" Menard added, "I was once a young Sailor, and we all want to know that we have a voice, and one that is listened to." ✕



# CRYPTOLOGIC COMMUNITY CONTINUES FOCUS ON TIME

By LCDR Charles H. Hall, Naval War College

# SPACE FOR TIME



Graphic Illustration by Michael J. Morris

Last summer brought the release of the Cryptologic Community Foundational Principles. The document's self-described purpose is to "unify the efforts of the Cryptologic Community," and it outlines the community's beliefs, mission and values. The document boldly states: "Time is our most precious resource. We will make time for what is most important and we will create time for Operational Commanders." The community's mission statement echoes this theme of creating time, declaring that we will "apply our core skills of Signal Intelligence (SIGINT), Computer Network Operations (CNO), and Electronic Warfare (EW) to create time and effects for and as operational commanders..."

The idea of creating time in warfare is not new. Employing operational art, a Western concept dating back to the time of Napoleon Bonaparte, commanders have sought to balance the operational factors of time, space and force to their advantage. Of these three operational factors, time is unique in that lost time can never be regained. Time, however, can be created by successfully balancing it with another operational factor, such as force. In this case, the application of the cryptologic community's core skills represents the operational factor of force. A review of an historical example, in this case the efforts of Station Hypo during World War II, best serves to illustrate the idea of creating time.

Station Hypo, headed by CDR Joseph John Rochefort and located in Pearl Harbor, collected and decrypted the Japanese naval code, known as JN-25. The code consisted of approximately 45,000 five-digit numbers, of which each represented a word or phrase.<sup>1</sup> Decrypting such an extensive code, without the aid of computers, took a great amount of time, effort and ingenuity. Successfully exploiting Japanese naval communications, however, would prove critical to the Navy's victory in the Pacific.

By May 1942 Station Hypo's exploitation of Japanese naval communications was sufficient to provide daily intelligence reports and assessments of Japanese force dispositions and intentions. These reports were provided to Naval operational commanders, to include ADM Chester W. Nimitz, Commander in Chief, U.S. Pacific Fleet and Commander in Chief Pacific Ocean Areas. It was around this time that Station Hypo detected an impending Japanese naval operation.

On May 13, 1942, Navy operators intercepted a Japanese message directing a logistics ship to load cargo and join an operation headed to "Affirm Fox" or "AF." Rochefort almost immediately recognized the significance of the message and the importance of the codeword "AF." Station Hypo linguists had equated "AF" to Midway in March after the Japanese seaplane attack on Hawaii.<sup>3</sup> While Nimitz was satisfied with Rochefort's analysis, the staff of the Chief of Naval Operations ADM Ernest King suspected a follow-on Japanese attack on Hawaii and

was not convinced. Rochefort had to determine a way to confirm his suspicions and convince Naval leadership in Washington. On May 19, following orders from Hypo Station, Midway's radio station broadcast in the clear that the island's desalinization plant had broken down. Just one day later, a Japanese message, including the objective's codeword, reported that a water ship should accompany the occupation.<sup>2</sup> Station Hypo, employing communications deception, was thus able to confirm Midway as the objective of the upcoming Japanese naval operation.

According to Parshall, "Just as American cryptographic prowess had allowed the Navy to thwart Inoue's thrust into the Coral Sea, so too it had revealed Yamamoto's intentions concerning Midway."<sup>2</sup> Station Hypo's efforts would prove critical to the Navy's victory at Midway. The efforts of Station Hypo created the time necessary for Nimitz to prepare for an impending attack on Midway, estimated to take place as early as June 2, 1942.

King had directed Nimitz to keep Halsey and his carriers in the Southwest Pacific, but armed with new information, Nimitz was able to convince King that USS Enterprise (CV 6) and USS Hornet (CV 8) should be brought back to the Hawaiian area. With Enterprise and Hornet available to thwart the Japanese attack,

Nimitz ordered that necessary repairs of USS Yorktown (CV 5), originally estimated to take three months, be completed in just three short days.<sup>2</sup>

Following a valiant effort at Pearl Harbor Shipyard, Yorktown headed back to sea on May 30, 1942, joining Enterprise and Hornet already en route to Midway. Station Hypo was also able to give Nimitz the time and location of the Japanese attack point: 315 degrees, 50 nautical miles from Midway, and that attacks would commence at 7 a.m.<sup>3</sup> This allowed Nimitz to position his forces at the right place, designated Point Luck, northeast of Midway, placing the U.S. fleet on the flank of the Japanese.<sup>3</sup> According to Parshall, "... Admiral Chester W. Nimitz was given enough warning, just barely, to assemble his forces in time to defend the island."<sup>3</sup> Had Station Hypo's efforts failed, Nimitz would not have had enough time to thwart what might have been a surprise Japanese attack.

Station Hypo set the standard for Naval Cryptology, and the proud history of the community continues to this day. While the efforts of Station Hypo are the most visible, Naval cryptologists, cloaked in necessary secrecy, continued to provide operational commanders with enemy intentions, allowing them to make informed decisions and giving U.S. forces the advantage.

In the words of RADM Ned Deets at the Cryptologic Community's 76th Anniversary Ball, "For 62 years our cryptologists have been in the back of airplanes going in harm's way. For 76 years our cryptologists have been in

***"Time is our most precious resource. We will make time for what is most important and we will create time for Operational Commanders ... by applying our core skills of SIGINT, CNO and EW."***

**Cryptologic Community Foundational Principles**

... continued on Page 32

ships and later in submarines, and on foreign soil risking their lives for all we hold dear.”

In a similar vein, the response of the cryptologic community to the terrorist attacks on Sept. 11 was laudable as well. Members of our community deployed in large numbers to the Middle East, flying airborne reconnaissance missions over Afghanistan and Iraq or serving at sea in the Arabian Gulf and the Indian Ocean. Many applied their skills from remote sites in a manner unheard of during the days of Station Hypo. Others served on the ground in Afghanistan and Iraq, augmenting the Army as Electronic Warfare officers. A select few participated in high-risk, Naval Special Warfare operations, some making the ultimate sacrifice. All of them “created time” for the operational commanders conducting operations Enduring Freedom and Iraqi

**Works cited:**

- 1 Ballard, Robert. *“Return to Midway”*. Washington, DC: National Geographic, 1999.
- 2 Parshall, Jonathan. *“Shattered Sword: The Japanese Story of the Battle of Midway”*. Dulles, VA Poole: Potomac Chris Lloyd distributor, 2007.
- 3 Carlson, Elliot. *“Joe Rochefort’s War: The Odyssey of the Codebreaker Who Outwitted Yamamoto at Midway”*. Annapolis, MD: Naval Institute, 2011.

Freedom. While we often look to our success at Midway as a defining moment in our community’s history, we must not forget the present and future legacy we continue to write.

Today, while technology has evolved, the essence of applying the core skills of SIGINT, CNO and EW is the same and the goal has not changed. In the information age, applying our core skills has never been more important. And in the rapid-fire environment of modern warfare, time is of the essence.

Whether operating ashore or afloat, in the air or under the sea, Cryptologic Technicians follow in the footsteps of those who preceded them. In the spirit of Station Hypo, the efforts of the cryptologic community continue to focus, first and foremost, on creating time for the operational commander. ✎

The table below cites examples of insiders listed in the IPT tasking memorandum.

Employee	Network Connected User	IT Providers
Civilian or Military Contractors (e.g., outsourcing) Full-time, part-time, and temporary	Other Federal (Executive, Legislative) Contractors (e.g., acquisition systems) Colleges/Universities Foreign partners, State and local, other (EC/EDI)	Vendors and Suppliers (e.g., software development maintenance)

Insiders with security clearances know that they are obligated to protect the nation’s secrets and sensitive information.

Insider can mean system components or computer software code intended to carry out a malicious act.

**Threat**

The threat refers to the ability of an individual or organizational entity to exceed or abuse authorized access to exploit, attack or otherwise misuse DoD information systems. The insider is different from an outsider because he or she is granted certain authorities and trust, whether as a normal user or someone with elevated, privileged access.

The insider has the capability to disrupt interconnected DoD information systems, to deny the use of information systems and data to other insiders and to remove, alter or destroy information. Consequently, for the insider who betrays the authorities, trust and privileges granted to them may be aided in their malicious activity by the very information systems upon which the Navy depends. Aided by a team of highly sophisticated and well-resourced outsiders, the severity of insider malicious activity may be significantly amplified. However, regardless of motivation, the malicious insider (disgruntled employee, agent provocateur), can potentially reduce or compromise our military effectiveness and place in jeopardy the lives of our men and women.

**There is a light at the end of every tunnel ... just pray it’s not a train!**

So, what can you do to mitigate the insider threat? The first thing my dear old mom and dad taught me is to be aware of your surroundings -- always look both ways before crossing the street. It may seem like common sense now but let’s apply that in the same context of mitigating the insider threat and the 2009 incident.

Vigilance is paramount in mitigating the impact of the insider threat. We should be vigilant by monitoring and reporting any suspected threat whether it is from inside or outside the network. We must promote a culture of Awareness through security awareness training, personnel management/security and deploy technology as proactive countermeasures; [Prevention](#), applied through existing, deployed technology; and [Deterrence](#)

by publicizing the consequences of misuse, abuse and malicious activity and the operational use of measures to detect these behaviors.

Was there a lapse in personnel security that led to this threat? It would certainly seem so. It is essential that we remain vigilant and work to mitigate/prevent the threats through training, policies and procedures.

Was there a lapse in training and education? Maybe – the individual signed a Navy standard SAAR-N form, did annual IA Awareness training, etc. He knew what he was doing, including using unauthorized devices like a thumb drive, was wrong.

Was there a lapse in his supervisor and command leadership? No system is perfect and we need to trust our people and give them tools they need to do their jobs. But you have to wonder – did the chain of command do its part to prevent and recognize malicious behavior, especially for someone with privileged access?

We have a responsibility and duty to protect our national security, our men and women and our enterprise resources. If you see, hear or suspect anyone attempting to cause any harm to our networks and/or systems, please report it immediately. It’s simple -- shipmates don’t let shipmates abuse the network.

For more information on the reports, Navy network discipline and Insider Threat Mitigation IPT visit these links: ✎

- [DON CIO Insider Threat Report](#)
- [Verizon Data Breach Investigations Report](#)
- [GAO Cyber Security Report](#)
- [DoD Insider Threat Mitigation](#)
- [Navy Network Discipline TriFold](#)



# New Mission, New Name

## Changes for National Maritime Intelligence Center

By Jared Jalbert, Office of Naval Intelligence, Washington DC

Rear Admiral (Select) Robert V. Hoppa, director, National Maritime Intelligence Center, today announced the renaming of the National Maritime Intelligence Center (NMIC) to the National Maritime Intelligence-Integration Office (NMIO).

“The name change better reflects our mission to integrate maritime intelligence by leveraging partnerships at all levels of government, the private sector and with our foreign partners,” said Hoppa. “I look forward to continuing our efforts as an Intelligence Community service of common concern and to serving as a principal advisor to the Director of National Intelligence.”

“Since its establishment three years ago, the National Maritime Intelligence-Integration Office has recorded many successes leading the integration of maritime intelligence with domestic and international partners,” said James R. Clapper, director of National Intelligence.

Clapper said NMIO has created a culture of information sharing to thwart those who would exploit the open seas for illegal and illicit activities.

“This change in name reflects simply what the National Maritime Intelligence-Integration Office has done and continues to do every day to protect our quality of life and economic well-being,” he said.

Established in January 2009 by Intelligence Community

Directive 902, Global Maritime and Air Intelligence Integration, NMIO was created to advance governmental collaboration and unity of effort as outlined in the 9/11 Commission Report and the Intelligence Reform and Terrorism Prevention Act of 2004. The NMIO performs a national-level, cross-departmental mission to facilitate the proactive integration of intelligence within the maritime domain; provides direct support to the National Security staff; and facilitates information sharing and collaboration across the Global Maritime Community of Interest, which consists of federal, state, local, tribal and territorial governments; the maritime industry; academia; and our foreign partners. NMIO will remain located at the National Maritime Intelligence Center facility in Suitland, MD.

Some of NMIO’s accomplishments to date include: coordinating nationally unified maritime intelligence through a Maritime Intelligence Council; developing and building participation in a Single Integrated Look-Out (SILO) list for vessels of domestic and international interest; joint development with the U.S. Maritime Administration (MARAD) of a Maritime Domain Awareness (MDA) Information Portal; and, as part of the National Counter-Piracy Collaborative Engagement, NMIC/NMIO was awarded a National Intelligence Meritorious Unit Citation for exceptional service from January to December 2009. ✎

# SPAWAR

ONE PLAN



# Systems Center ATLANTIC

Graphic Illustration by Michael J. Morris

## SPAWAR ... at a Glance

**EDITOR'S NOTE:** In coming months, InfoDOMAIN will take a look at each lab, see how each operates, identify the customer base, outline the services/support each offers and establish how and who you, the deckplate forward deployed Sailor, can contact them for assistance.

**O**ne Team. One Plan. One Future. This is the mission statement that empowers SPAWAR Systems Center Atlantic (SSC) Atlantic. One Team with a shared purpose. One Plan with shared priorities. And One Future with shared successes that make Information Technology (IT) count for the warfighter and the nation. It's an unbeatable combination and what keeps the warfighter in the fight.

SPAWAR's team includes 120 military personnel, 3,600 civilians and 13,000 industry partners. The agencies SSC Atlantic support are numerous and include all branches of the uniformed services, unified combatant commanders, the Departments of Defense, State, Veterans Affairs, Justice, Treasury and Homeland Security, and the Federal Aviation Administration, just to name a few.

SSC Atlantic's mission is simple: provide a means for warfighting forces and their supporting organizations to be interconnected in a networked, collaborative environment. In short, Information Dominance - making IT count for both the warfighter and the nation. Keeping pace with the dynamic field of global technologies may be difficult to do, but achieving "speed to capability" - transforming ships, aircraft and vehicles from individual platforms into integrated battle forces - is what SSC Atlantic does on a daily basis.

"As part of the Chief of Naval Operations' vision for the Navy to evolve and remain the preeminent maritime force, we strive to deliver connected systems, from shore to sea, that are current, interoperable, and reliable, providing our warfighters with the strategic advantage," SSC Atlantic Executive Officer CDR Mike Trovato said.

If SSC Atlantic accomplishes its mission, then every shooter can shoot, every decider can decide, every supporter can support, and those standing on the front line of defense can then accomplish their mission.

"The easiest part of anything is the technology. It's when you try to integrate that technology into any environment, that's where the fun begins," said Arnel Castillo, Satellite Communications supervisor. "And that's when we're there to help."

Unlike most other Navy commands, SSC Atlantic's mission and existence is dependent on the revenue generated from working with industry partners and the high-end technology products and services delivered to the Fleet and other Defense Department stakeholders, called Navy Working Capital Fund (NWCF). Mission success is critical to ensure the Department of the Navy can afford both the ongoing support costs of Fleet operations and the necessary reinvestment in new platforms and weapons systems.

St. Juliens Creek Annex, one of six SSC Atlantic sites in Hampton Roads, is pivotal in providing warfighters a means to achieve information dominance. Four labs, each offering technical and administrative support, are the crux of how SSC Atlantic employees at St. Juliens Creek provide service to their extensive and demanding customer base:

- Voice Interior Communications Lab

By Jacky Fisher, CYBERFOR Public Affairs

- Tactical Communications Lab
- Naval Voice Lab
- Wideband Satellite Communications & Communication/Network Transport Lab

The most important asset enabling SSC Atlantic to accomplish its mission is people. Currently more than 90 professionals are pursuing an advanced degree. Of the civil service personnel on board, more than half are engineers. Awarded the Workforce Development Silver Award in 2011 for career-long development, working at SSC Atlantic has proven itself to be a career, not just a job.

SSC Atlantic does not wait for people with resume in hand to show up looking for a job. A robust K - 12 STEM (Science, Technology, Engineering & Mathematics) program sponsored by SSC Atlantic enabled the Royal Robotics, a group of 20 students from I.C. Norcom, Woodrow Wilson and Churchland High Schools, to place 29th out of 60 competitors in a robotics competition in Richmond, VA, earlier this year.

This is one of various outreach activities designed to inspire, develop and attract the science, technology, engineering and math talent needed to deliver innovative solutions for the nation's and SSC Atlantic's current and future challenges. STEM students today will enter the engineering workforce of tomorrow. Cyber security, Information Assurance, Engineering are all critical elements for fighting in the 5th dimension of warfare - cyber, which recently joined the other fighting dimensions of land, air, sea and space ✂

### St. Juliens Creek - in the beginning

**S**t. Juliens Creek Annex (SJCA) began operations as a naval facility in 1849. In the past, operations at SJCA have included general ordnance operations involving wartime transfer of ammunitions to various naval facilities throughout the United States and abroad. In addition, SJCA has been involved in specific ordnance operations and processes including those involving black powder operations, smokeless powder operations, projectile loading operations, mine loading, tracer mixing, testing operations, and decontamination operations. All ordnance related activities at SJCA were discontinued in the mid 1970's.

St. Juliens Creek Annex has also been involved in non-ordnance services, including degreasing; operation of paint shops, machine shops, vehicle and locomotive maintenance shops, pest control shops, battery shops, print shops, electrical shops, boiler plants, wash racks, and potable water and salt water fire-protection systems; fire-fighter training; and storage of oil and chemicals.

1978 - 1993: Naval Electronic Systems Command

1993 - 1995: Naval Command, Control and Ocean Surveillance Center, In-Service Engineering, East Coast Division

1995 - 2008: Space and Naval Warfare System Center Charleston

2008 - Present: Space and Naval Warfare Systems Center Atlantic ✂

## Burnett Named NMOC Technical Director

**D**r. Bill Burnett has joined the Naval Meteorology and Oceanography Command (NMOC) as the Deputy Commander and Technical Director, the command's top civilian.

The new position was formalized in January with his promotion to Senior Executive Service. Burnett will serve as the primary technical contact to the command with responsibility for managing, planning and directing all phases of the Naval Oceanography program.

Before joining NMOC, he served as the Branch Chief with the National Buoy Data Center (NBDC) and he has also worked in different NMOC commands, capacities and jobs, at the Naval Oceanographic Office (NAVOCEANO), at the Naval European Meteorology and Oceanography Center in Rota, Spain, and on the NMOC headquarters staff.

Burnett earned a Bachelor of Science degree in meteorology at the University of Oklahoma. He earned a Ph.D. and a master's degree in marine science from the University of Southern Mississippi.



Dr. Bill Burnett

## Information Dominance Interim Assistant DCNO – Titley Appointed

**V**ADM Kendall Card, Deputy Chief of Naval Operations for Information Dominance (N2/N6), has selected RADM Dave Titley to serve as the Assistant DCNO for Information Dominance. Titley started his assignment Jan. 30.

Titley's position as Oceanographer and Navigator of the Navy, Director, Oceanography, Space and Maritime Domain Awareness (MDA) (N2/N6E), and Director, Office of the DoD Executive Agent for MDA, was filled by Robert Winokur, the Deputy Oceanographer and Technical Director. Titley will continue to hold the title of Naval Deputy to National Oceanic & Atmospheric Association (NOAA) and Director Task Force Climate Change.

## POW/MIA Survey in Korea

**A** five-person crew from Fleet Survey Team (FST) returned from South Korea on Nov. 20, after a 33-day survey of the Han River, looking for unaccounted-for U.S. servicemen from the Korean War.

FST conducted the surveys in support of the Joint POW/MIA Accounting Command (JPAC). The five-person survey team included both military and civilian

surveyors as well as a 9-meter survey vessel. The mission included the collection of sounding data, tidal information and geodetics

FST employed multibeam and sidescan sonar, while JPAC employed a magnetometer to search a 10-km (6 miles) section of the river for aircraft wreckage. Data from all three sources was analyzed, and contacts of interest were checked by a six-person dive team from Underwater Construction Team (UCT) TWO.

No aircraft remains were positively identified, but FST will provide JPAC with detailed bathymetry and sidescan imagery of the area surveyed for further analysis.

## Environmental Conditions Helps Warfighters

**T**he Naval Meteorology and Oceanography Command (NMOC) Chief of Staff, CAPT James C. Pettigrew, speaking at the American Meteorological Society (AMS) annual meeting in New Orleans, Jan. 24, said new atmospheric and ocean satellite systems and their data are helping the Navy provide new and better tools for warfighters.

NMOC, he said, is focused on providing U.S. and allied forces with a tactical advantage by making certain they know how to exploit environmental conditions better and faster than opposing forces. With additional environmental data, forecasters have

a better picture of environmental conditions and are able to predict further into the future.

Using a sports metaphor, Pettigrew said, "The purpose is to ensure our operating forces have the home field advantage, even in away games."

NMOC uses a strategy called Battlespace on Demand that consists of four tiers, which starts with environmental data collection and ends with recommendations on force allocation and force employment, all based on predicted environmental conditions. Forecasts are mapped with other intelligence data to operational theaters to provide operational recommendations.

With additional satellites providing higher resolution environmental data, NMOC forecasters can provide better recommendations to keep the fleet safe and effective. Pettigrew said the command processes the data in its atmospheric and ocean production centers, Fleet Numerical Meteorology and Oceanography Center (FNMOC) and the Naval Oceanographic Office (NAVO) respectively.

FNMOC recently added more than 14,000 square feet to its new and upgraded computer operations center to help accommodate the additional



data. NAVO uses the Department of Defense Supercomputing Resource Center at Stennis Space Center, MS, one of five Defense Department supercomputer centers. NMOC uses the data for complex atmospheric and ocean models that run on those supercomputers.

The future includes model ensembles that quantify and forecast uncertainty, improved forecast accuracy, and advancements in coupled atmospheric and ocean models. These all will be further enabled by this new satellite data. NMOC partnerships with the National Weather Service and the Air Force serve as force multipliers to help move closer to that future.

So for the Navy, Pettigrew said, the additional satellite data is being used and is both welcomed and important.

## Thomas Jefferson Book Finds Way to Library of Congress

**O**n Jan. 20, the U.S. Naval Observatory's James M. Gilliss Library donated a copy of a rare book to the Thomas Jefferson Collection at the Library of Congress.

RDML Jonathan White, commander of the Naval Meteorology and Oceanography Command (NMOC), presented a Latin version of *Sur la Figure de la Terre*, written by the 18th century French mathematician and philosopher Pierre-Louis Moreau de Maupertuis, to Dr. James H. Billington, the Librarian of Congress, in order to help the library recreate its collection of books once owned by Thomas Jefferson.

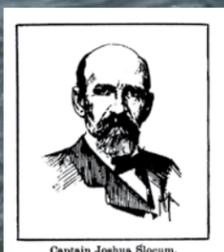
While serving as the American ambassador in Paris in 1789, Jefferson ordered a copy of Maupertuis' Latin version, *Figura Telluris de Maupertuis*, which was published in Leipzig, Germany in 1742.

In 1815, Jefferson sold his books to the Library of Congress to re-start its collection after the burning of the original library in the War of 1812. Over the years the Library of Congress' copy of *Figura Telluris de Maupertuis* was lost. The USNO library has two copies of the work, the original French edition printed in 1738, and the Latin version from 1742.



Pierre-Louis Moreau de Maupertuis, 18th century French Mathematician

# NMOC DEPLOYS SLOCUM GLIDER IN BOLD ALLIGATOR 12



Captain Josiah Slocum.

The Naval Meteorology and Oceanography Command (NMOC) deployed a Slocum glider in an amphibious warfare exercise for the first time during Bold Alligator (BA12), the Navy's largest amphibious exercise in a decade, Jan. 30 - Feb. 12.

The Slocum glider was deployed from USS Iwo Jima (LHD 7) on the East Coast in advance of the landing to provide additional data for the ocean and wave models that are being run daily in support of the operation, to assess water clarity and to provide interpretation of satellite water clarity data. The Naval Oceanographic Office (NAVO) Glider Operations Center is tracking the glider, sending instructions and downloading the data.

"The Slocum was designed to operate and provide critical oceanographic volume measurements — real time — in the littoral battle-space," said LCDR Tim Uncapher, the Iwo Jima Amphibious Readiness Group (ARG)/24th Marine Expeditionary Unit (MEU) Oceanographer. "It is uniquely suited in characterizing the ocean environment where ARG/MEU expeditionary and mine countermeasures operations take place from the sea base."

In addition to the Slocum glider operations, NMOC had people and assets from five of its commands forecasting weather and oceanographic conditions to support beach landings, conduct mine hunting, and anti-submarine warfare operations in the exercise, serving on this ship and shore-based installations.

The glider data helped the model performance as the seas built during the weekend. Sea state has a huge impact on ship-to-shore movement. Amphibious operations and the greater model accuracy, thanks to the glider data, helped. He said the Slocum contributed more than 1,000 water column profiles.

For the overall METOC BA12 support, Fleet Weather Center Norfolk (FWC-N) served as the Meteorology and Oceanography (METOC) Fleet Coordination Cell, and provided the official Combined Operations Area Forecast for the duration of the exercise. FWC-N deployed 43 Sailors to four ships, USS Enterprise (CVN 65), USS Bataan (LHD 5), USS Kearsarge (LHD 3) and USS Wasp (LHD 1), and one Sailor to U.S. Submarine Force (SUBFOR). FWC-N also hosted coordination chats twice daily for METOC support personnel. FWC-N is one of two subordinate fleet weather centers under NMOC.

The Naval Oceanography Mine Warfare Command (NOMWC) sent its unmanned underwater vehicle platoon

to NAMWC in San Diego with three civilians from the Naval Oceanographic Office (NAVO) to support BA12 mine warfare at a distance.

NAVO ran tailored high resolution ocean models and analyzed imagery and environmental support products to enable Intelligence Preparation of the Environment (IPOE). Fleet Numerical Meteorology and Oceanography Center (FNMOC) created specialized high resolution atmospheric models in direct support of forecasting. The Naval Oceanography Anti-submarine Warfare Center supported anti-submarine warfare in a reach-back cell.



(Above, right) Sailors deploy the Slocum glider, a type of unmanned underwater vehicle, to collect data that will be used to improve the atmospheric and ocean forecast models being used to support the exercise. (Above, center) RADM Kurt W. Tidd discusses the Slocum glider with fellow naval officers. (Official U.S. Navy Photos)

# INFORMATION FLOW

- STEM Exhibits, Students & CYBERFOR Sailors

Story & Photos by Jacky Fisher, CYBERFOR Public Affairs



**PORTSMOUTH, VA** - Navy Cyber Forces (CYBERFOR) volunteers staffed a command exhibit at the 4th Annual STEM (Science, Technology, Engineering and Mathematics) Expo at Wilson High School in Portsmouth, VA, March 31. Students and parents stopped by the exhibit to see what the Navy had to offer for jobs in the computer and technology fields and to learn about NCF's mission.

Along with military and civilian information booths, STEM featured hands-on robotics demonstrations, science experiments and even a rocket launch. This hands-on innovative exhibit was more than just fun and games.

Laura Nelson, Director of Science of Education for Portsmouth Public Schools said, "Science, Technology, Engineering and Mathematics presented in the STEM arena collectively inspires children to stay off the streets, out of jail and they don't get killed." Nelson added, "Children in Portsmouth are urban children and they come and play with robots and they don't even know they're learning math and science. I think STEM and the help we get from the Navy has been profound."

STEM classes are designed to get children 10 to 14 years old interested in science, technology, engineering and mathematics fields

so they'll have an opportunity to join the workforce with a solid educational base. According to Nelson, the Portsmouth Public School system has the only high school team competing at the college level.

"Their pathway beings in 4th grade and it is powerful," Nelson said. "It validates why they're in school."

The Royal Robotics, a team of 20 students

from I.C. Norcom, Woodrow Wilson and Churchland High Schools, recently placed 29th out of 60th in a robotics competition held earlier this year in Richmond. Sponsored by the Space and Naval Warfare Systems Command (SPAWAR), this group of students put together a basketball tossing robot with parts provided by FRC (FIRST Robotics Competition) and supplemented with parts paid out-of-pocket.

"Some people stayed until 9 o'clock at night on the weekends, and we meet every single day when school got out at 2, we'd stay until 5," said Chelsea, spokesperson for the team.

"This is a culminating event of all of our science programs. We do it as a showcase, especially for the people who support our programs," according to Brena Daniels, Science specialist for the Portsmouth School District. "A lot of these vendors have given us grant money and volunteer with our program. This is an event to say thank you and to show parents and the community exactly what we're doing."



(Clockwise) CYBERFOR volunteers educate students on the command's mission. (Above) Classroom made rockets were launched in the Wilson High School parking lot. (Left) A young visitor got some hands-on time with The Royal Robotics Team's exhibit.

## Serving Up Hospitality at Air Show

Story & Photo by ITSA William Gongas, NCMS Washington, DC

**WASHINGTON, DC** -- Naval Communications Security Material System (NCMS) military and civilian personnel volunteered to operate one of the many booths at the Joint Base Andrews 2012 Air Show, May 19 and 20, serving food and drinks to customers throughout the day.

Food items for sale included chicken and rib sandwiches they also served soda or water. Everyone who participated needed to work together to keep up with the rush of customers. However, the volunteers came together as a team and business ran smoothly. ITSN Shelbi Wielfaert, one of the chefs in the booth, said the booth was "pretty organized."

The volunteers also took in the many sights the two-day event had to offer. Retired UFC star Chuck Liddell was at the event signing autographs on Sunday.

In addition to the booths, many aircraft lined the runway, such as an EA-6B Prowler, a NASA Super Guppy, a HC-144A Ocean Sentry and

a B-52 Stratofortress. The weather allowed many aircraft to perform in front of the thousands in attendance.

The audience saw performances by an F-22 Raptor, an AV-8B Harrier, an MV-22 Osprey and the Blue Angels. ✂



(Left to right) IT3 Jessica Soto, ITSA Andre Watkins, IT3 Matthew Middleton, IT3 Robert Day and ITSA Gongas prepare ribs for the afternoon rush. (Photo by YN1(SW/AW) Alejandro Ramos)

## NICE Teamwork Navy!

Story & Photo by LTJG Adam Sinsel, NETWARCOM NETOPS 3

**M**essage traffic has long played a vital role in Naval communications, but over time the maintenance and administration of legacy messaging systems has become time consuming and expensive. By the early 21st century, DoD leadership began to recognize the need to move to a more efficient model. In 2005 DoD's Chief Information Officer announced a Joint Staff initiative to transition from the Defense Messaging System (DMS), and the Navy's Information Dominance Corps (IDC) got to work.

In May 2009, developers at Space and Naval Warfare Systems Command (SPAWAR) Atlantic, Washington, DC, began had begun work on a system designed to replace DMS in the delivery of unclassified Naval messages, and by spring of 2010 Navy Cyber Forces had announced the Navy would totally eliminate DMS in the delivery of unclassified message traffic and transition to the web and email based Command Email system by FY 2011. The heart and soul of this new system would be the Navy Interface for Command Email (NICE), which provides users with web and Simple Mail Transfer Protocol (SMTP)

based unclassified message processing capabilities.

The transition to NICE required enormous effort and even more teamwork. Subject matter experts from throughout the naval messaging community came together to identify requirements and coordinate the implementation of Command Email throughout the Fleet. Jim McCarty, Fleet Cyber Command, provided Program Management; Frank Reid, SPAWAR and his team provided application development and programming support, and Randy Sorenson, Naval Network Warfare Command and the NETOPS-321 team provided operational planning and direct support for thousands of affected commands. Once development was complete, Joint Interoperability Test Command performed independent testing and evaluation, and Navy Computer and Telecommunications Area Master Station Atlantic was responsible for system administration functions throughout the process. With so many organizations and experts involved, one might expect red tape and confusion to complicate the process and strain the team's relationship, but according to Sorenson, "We

all worked very well together, and our teamwork was integral in making Command Email a reality."

"That teamwork paid off in making NICE an easy to use system," McCarty said, "NICE is a Common Access Card based system which provides advantages to virtually everyone."

For the first time, thanks to streamlined access control mechanisms, NICE enabled the Navy to consolidate its unclassified messaging user base onto a single system. Users at shore stations, sea commands and expeditionary assignments utilize the same system, simplifying system architecture and reducing interoperability issues. Although users share the same underlying NICE system, there is flexibility in which interface users may select.

Commands can choose between the web based NICE interface and SMTP via their MS Exchange Server. Shore based commands tend to prefer the web interface, but deployed users with bandwidth constraints tend to use the SMTP option. Additionally, NICE provides, according to McCarty "A method for alternate path delivery, which ensures we meet one of the most critical requirements of operating in an IP denied environment."

Ultimately, more than 3,000 Navy commands were successfully migrated to NICE, and the transition was virtually seamless. For the Navy, NICE has been a resounding success and garnered a great deal of interest across the DoD. In addition to reducing the Navy's unclassified messaging footprint, NICE has also been adopted by Defense Finance and Accounting Service and United States Pacific Command. Even the Air Force



(Left to right) Kervin Sydnor, Agnes Booth, Mario Washington, Virginia Lundy and Randy Sorenson -- NETOPS 3's NICE team.

is showing serious interest in adopting the Navy's Command Email system for its own message processing.

Perhaps the greatest benefit of NICE is that it serves as a testing platform, providing critical data points and performance based metrics on which the DoD can build and implement a similar solution for classified messaging.

"Thanks to forward leaning leadership within the IDC and the superb teamwork of experts across the Naval messaging community, the Navy is leading the way in streamlining messaging technology and meeting the unending demands of the Fleet and the Joint community," said McCarty. ✂

## "Service to Others" U.S. Sailors Support Project in Canada

By CTN1(IDW) Robert Jones, USN PEP OTTAWA Canada

**OTTAWA, CANADA** -- Sailors from U.S. Navy Personnel Exchange Command (USN PEP) Ottawa recently spent a weekend helping a family rebuild their lives one nail at a time.

USN PEP Ottawa Sailors devoted time, sweat and a lot of shared smiles to support Habitat for Humanity within the National Capital Region of Ottawa. The Sailors hung sheetrock, sanded and did various tasks supporting the re-construction of a 100- year-old home damaged by fire.

Many of the volunteers on hand were unaware of a United States Navy presence in Ottawa, but welcomed the help and the chance to swap stories. A large number of volunteers were former Canadian service members and enjoyed the

opportunity to talk with the U.S. Sailors. One common theme arose, "service to others".

"This is part of who we are as sailors and servicemen," said CTN1

Ronald Judy. "Giving back to our community and showing that the U.S. Navy is dedicated to helping, are goals that every Sailor should have." ✂



(Left to right) CTN1(IDW) Robert Jones and CTN1 Ronald Judy measure drywall during repair work of a 100-year-old home. (Photo by CTN1 Brannon Howard)

# Reenlistment of a Lifetime

NCMS Sailor Reenlisted by MCPON

By ITSN Jessica Soto, NCSMS

**WASHINGTON, DC** -- Master Chief Petty Officer of the Navy (MCPON) Rick D. West reenlisted one lucky Sailor at the Pentagon, April 8.

IT3 Oliver Bunn reenlisted while members of his command and his shipmates looked on.

Just moments after finishing the last Physical Readiness Test of his 32-year Navy career, West greeted Bunn and seven other members from Naval Communications Security Material System (NCMS), including CDR Mark Kester, commanding officer, and LCDR Erica Dobbs, executive officer and presiding officer for the reenlistment.

Bunn, who spent nine months temporarily assigned to the MCPON's office as his driver, said he knows what a great opportunity this was.

"It was exciting," said Bunn. "I was afforded the opportunity to see a lot more of the D.C. area. It helped me practice safer driving habits."

West who just returned from a Fleet visit to Japan, expressed his approval of Bunn's next orders to USS Bonhomme Richard (LHD 6) in Sasebo, Japan. He also thanked him for his dedication to our country and made it known that he envies those who are at the beginning of their careers.

"I'd keep my paycheck, but I'd trade places with you," said West.



MCPON Rick D. West congratulates IT3 Oliver Bunn after reenlisting him.

the largest and most complex theater-wide communications shifts in Navy history.

The team successfully achieved Full Operational Capability (FOC) at this new center, now known as the Regional Network Operations and Security Center (RNOSC) West, which provides automated real-time

situational awareness and dynamic, agile management of Pacific Command's Control, Computer, Communications and Intelligence (C4I) networks.

"This is absolutely a NCTAMS PAC, PMW-790 and SSC Pacific/SSC Hawaii success!" said Dave McDonald, NCTAMS PAC CIO/N5/N8. "Our

partnership and teamwork continues to produce tremendous results for the Navy and I must say that in terms of professional relationships and just the experience itself, we've really enjoyed the close day-to-day working partnerships with your respective teams."

## Doors Officially Open at Healy Center

From NCTAMSPAC Public Affairs

A new era in naval communications was officially introduced by CAPT John MacMichael, Jr., Commanding Officer, Naval Computer and Telecommunications Area Master Station (NCTAMS PAC), Jan. 6, during a ribbon-cutting ceremony marking full operation of the Healy Communications Center at NCTAMS PAC, Wahiawa, HI.

The P-173 military construction (MILCON) project had been a decade in the making and the ceremony acknowledged the formal handover of the state-of-the-art communications center from Space and Naval Warfare Command (SPAWAR) Systems Center (SSC) Pacific, Pearl City to NCTAMS PAC. Many thanks were given to all those involved in the project over the last 10 years.

CAPT Patricia Cole, previous commanding officer of NCTAMS PAC, added some words of praise and thanks to MacMichael's opening comments. Both recognized the efforts and expertise of the civilian and military personnel who helped bring the project and



vision to fruition.

Ruth Youngs-Lew, representing Program Executive Officer/Command, Control, Computer, Communications and Intelligence (PEO/C4I) and CDR John Sprague, representing SPAWAR, were also present; two commands involved in the P-173 MILCON.

## Smooth Transition for New Comm Center

By Neal Miyake, Code H003

Eighteen Space and Naval Warfare Systems Center Pacific (SSC Pacific) employees were part of a team honored with the Department of the Navy (DON) Chief Information Officer (CIO) 2012 Information Management/Information Technology (IM/IT) Excellence Award for their outstanding work on the Naval Computers and Telecommunications Area Master Station Pacific (NCTAMS PAC) Naval Network Enterprise Pacific (NNE Pacific) ITCS(SEAL) Dan Healy Communications Center.

The team was cited for executing the successful transition of Pacific Region Naval and Joint Telecommunications and



Information Technology services to the ITCS(SEAL) Dan Healy

Communications Center. The project team completed one of

## Commitment Goes Both Ways for Sailor

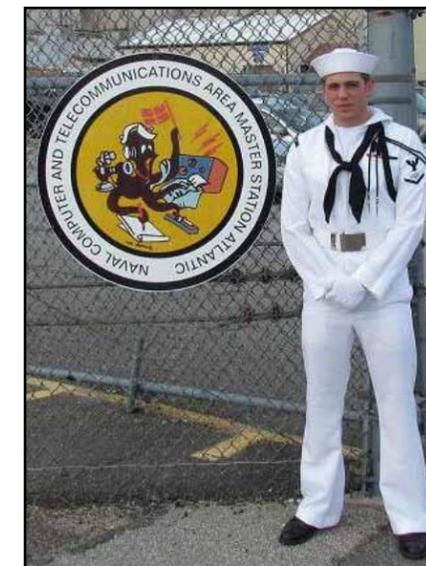
Story & photo by Lori Blann, NCTAMS LANT Public Affairs

IT3 Bradley Alspaugh of Naval Computer and Telecommunications Area Master Station Atlantic (NCTAMS LANT) took time away from his normal duties to join the Commander Navy Region Mid-Atlantic Honor Guard.

The honor guard performs ceremonial duties including funeral honors for active duty, veterans and retired Navy personnel. The duties of honor guard members include playing "Taps," performing rifle salutes, and presenting the U.S. flag to the next of kin.

Over five months, Alspaugh traveled throughout the Navy's Mid-Atlantic region, rendering honors from southeast Pennsylvania to central North Carolina. In all, honors were rendered to 38 retirees, 14 veterans, and two active duty Sailors during Alspaugh's tenure with the unit.

"It was rewarding to be able to do it, to be able to carry out those honors for past service members," said Alspaugh. "They showed commitment to the Navy with their lives, it was good to be able to show to families that commitment goes both ways."



IT3 Bradley Alspaugh



## LEGION OF MERIT

CAPT Kevin Hooley, CYBERFOR, VA Beach



## DEFENSE MERITORIOUS SERVICE MEDAL

YNC Vicky Adams, NIOCTexas  
ITC David Burgoyne, NIOC Sugar Grove  
CWO4 Mark Hurst, NIOC Maryland  
CWO3 Denise Fletcher, NIOC Menwith Hill  
YNC Steve Henderson, NIOC Maryland  
CTRCM Raymond Wick, NIOC Marylan



## MERITORIOUS SERVICE MEDAL

CDR Joseph Acosta, NR NCDOC  
CDR Albert Angel, NAVIOCOM Texas  
CMDM Ernest Ayers, NIOC Texas  
CTRCM Armond Banks, NNWG Fort Meade  
CTRCM Joseph Bass, NAVCYBERWARDEVGRU  
CDR Ruth Bates, CYBERFOR VA Beach  
CWO4 Arthur Buckley, NAVSOC DET Delta  
CDR Daniel Copeland, NR NIOC Texas  
LCDR Travis Dawson, NETWARCOM  
CDR James Ellis, FCC Fort Meade  
CWO5 Fred Eshleman, NCTAMS LANT Norfolk  
CAPT Raymond Gaw, NNWG Fort Meade  
LCDR Ronald Gorby, NIOC Georgia  
CDR Carrie Gray, CYBERFOR VA Beach  
CMDM Cheri Inverso, NCTAMS LANT Norfolk  
CAPT Donald Harder, SPAWARSSYSCENPAC  
LCDR Brian Harding, COMSEVENTHFLT  
ITCS Daniel Heeter, NCDOC Virginia Beach  
CDR John Hibbs, NCDOC Virginia Beach  
LCDR Lucas Hodgkins, FLTCYBERCOM Fort Meade  
LCDR Lance Kalleberg, NETWARCOM VA Beach  
CAPT Clayton Kemmerer, CYBERFOR VA Beach  
LCDR James Lecounte, NCTS Guam  
CDR Anne Lockhart, NR NIOC Norfolk  
CDR Mark Lokay, NR CYBERFOR  
CTRCM William Lovejoy, FLTCYBERCOM Fort Meade  
CAPT William Mager, NR NIOC Norfolk  
CDR Eric McCartney, NCTS Jacksonville  
LCDR Andrea McLemore, NCWDG Suitland  
LCDR Scott Mullins, NIOC Georgia  
LCDR Benjamin Oakes, FCC Fort Meade  
CTICM Jason Reeb, NIOC Maryland  
CMDM Stephen Roberts, NIOCGeorgia  
CDR Samuel Sanchez, NR NETWARCOM GNOSC  
CDR Melissa Short, NIOC Norfolk  
CDR Julia Slattery, NAVCYBERWARDEVGRU  
CDR Mark Smith, NR NIOC GA-Greensboro  
CDR Miriam Smyth, FCC Fort Meade  
CAPT Linnea Sommer-Weddington, NR NIOC Texas  
CWO4 Daniel Swanstrom, NIOC Colorado  
LCDR Michael Tiefel, TENTHFLT Fort Meade  
CAPT Jean Vacura, NR NIOC Hawaii

CDR Tyrone Ward, NIOC Misawa  
CDR John Watkins, NCTS San Diego  
CDR Jeffrey Williams, NAVCYBERWARDEVGRU  
CAPT David Wirth, NETWARCOM VA Beach



## JOINT SERVICE COMMENDATION MEDAL

NCC Mike Adams, NCTS Far East  
YNC Adesina Akinleye, GNOC Det Norfolk  
YNC Tython Barnes, NCTS San Diego  
LCDR Laquida Barnett, NCTAMS LANT Norfolk  
IT1 Amberly Bates, NCTAMS LANT Det Guantanamo Bay  
ITC Andrew Beaderman, NCMS Washington DC  
CTR1 Lucas Bedard, NAVCYBERWARDEVGRU  
CTNCS Robert Brashear, NCDOD VA Beach  
CTNC Wendy Brooks, NR NIOC GA-Greensboro  
CTI2 Theresa Buitron, NIOC Hawaii  
CDR Rodney Burley, NCTAMS LANT Norfolk  
ITCM Anthony Cade, NCTS Bahrain  
LT Michael Castillo, NAVSOC Point Mugu  
CTRC Jeremy Crandall, CYBERFOR VA Beach  
ITCS James Crewse, NCTAMS PAC Wahiawa  
NCC Wan Embrey, NCTS Naples  
LT Tanya Evans, CYBERFOR VA Beach  
YNC Dianna Frazier, NIOC Bahrain  
IS1 Tracy Frost, NCF FID Fallon NV  
CTRC Mark Gerwig, NAVCYBERWARDEVGRU  
CWO4 Charles Grady, NIOC Georgia  
LTJG Cedric Hardnett, NCTAMS PAC Wahiawa  
CTRC Alan Hardrick, NIOC Georgia  
LCDR Michael Herlands, NIOC Norfolk  
LCDR Tullio Hofstad, NR NIOC GA-Orlando  
LCDR Dennis Holden, NCTAMS LANT Norfolk  
CTIC Kelsy Holle, NIOC Bahrain  
ITC Christopher Hughes, NCTS Sicily  
CTR1 Herbert James, NIOC Maryland  
Maj David Klaverkamp, USMC, NIOC Norfolk  
LCDR Eric Krause, NAVSOC Point Mugu  
LCDR Ira Lambeth, NIOC Hawaii  
LCDR Patrick Lancaster, Jr., NCTAMS PAC Wahiawa  
YNC Lisa Lawson, NIOC San Diego  
CTT1 William McLean, CYBERFOR VA Beach  
ITC Darlene Melton, NCTAMS PAC Wahiawa  
CTRC Michael Messer, NIOC Pensacola  
CTR1 Jared Mollette, NIOC Pensacola  
CTN2 Mark Montgomery, NCDOD VA Beach  
CTRC Philip Navone, NR NIOC GA – Fort Dix  
ITC Tanya Near, NCTAMS PAC Wahiawa  
CTTCS Vaughn Okuna, NIOC San Diego  
CTI1 Jonathan Perkins, NIOC Bahrain  
IT1 Bernard Pitchford, NIOC Maryland  
IT1 Michele Pittard, NCTS Jacksonville  
ITC Daniel Ramsey, NCTS Far East Yokosuka  
CTMC Shane Raulerson, FLTCYBERCOM Fort Meade  
ITCM Kirk Ray, NETWARCOM VA Beach  
ITC Antonio Ray, Sr., NCTS Far East  
ET1 Samuel Rodriguez, NCTS Jacksonville  
CTN1 Jeffrey Rose, NIOC Maryland  
CDR Martin Sable, NCTS Sicily  
CTN1 George Sattelmayer, NAVCYBERWARDEVGRU  
CTI3 Robert Schneider, NIOC Texas  
IT1 Jason Schouweiler, NETWARCOM VA Beach  
CTN2 Jeremy Simpson, NAVCYBERWARDEVGRU  
ITCS Matthew Skaggs, FLTCYBERCOM Fort Meade

YNC Christopher Smith, NCTS Jacksonville  
LT Tony Tran, NIOC Yokosuka  
CTR1 Timothy Voight, NIOC Maryland  
YNC Eulala White, NIOC Georgia  
IT1 Trevor Wilmer, NCTAMS LANT Det Souda Bay  
CMDM Daniel Wilson, NCTS Bahrain  
LT Cornell Woods, NIOC San Diego



## NAVY AND MARINE CORPS COMMENDATION MEDAL

NCC Mike Adams, NCTS Far East  
CDR Jamie Achee, NIOC Hawaii  
YNC Adesina Akinleye, GNOC Det Norfolk  
CTRC Michael Aldridge, NIOC Georgia  
CTI1 John Allen, NIOC Hawaii  
ITC Christopher Andresen, NCTAMS PAC Wahiawa  
CTI1 Ross Ballard, NIOC Maryland  
LT Christopher Bannon, NETWARCOM VA Beach  
YNC Tython Barnes, NCTS San Diego  
LCDR Laquida Barnett, NCTAMS LANT Norfolk  
IT1 Amberly Bates, NCTAMS LANT Det Guantanamo Bay  
ITC Andrew Beaderman, NCMS Washington DC  
CTR1 Lucas Bedard, NAVCYBERWARDEVGRU  
LT Brent Benlien, NETWARCOM VA Beach  
ETCS Brett Bergeron, NIOC Norfolk  
LCDR Mary Berrian, NETWARCOM GNOC Det  
CTNCS Rodrick Betts, NIOC Texas  
CTICM Scott Bond, NIOC Texas  
ITC Wymon Bonner, NIOD Groton  
CTNCS Diana Boudreau, NCWDG Suitland  
CTNCS Robert Brashear, NCDOD VA Beach  
CTNC Wendy Brooks, NR NIOC GA-Greensboro  
LT Kenneth Brown, NIOC Norfolk  
CTN1 James Bryant, NCWDG Suitland  
CDR Rodney Burley, NCTAMS LANT Norfolk  
CTR1 Jennifer Burroughs, NCWDG Suitland  
IT1 Tito Butcher, NETWARCOM VA Beach  
CDR James Butler, NR NIOC Devens  
LT William Byers, NCTS Bahrain  
ITCM Anthony Cade, NCTS Bahrain  
LTJG Terry Carper, CYBERFOR VA Beach  
LT Michael Castillo, NAVSOC Point Mugu  
CTTC Shane Childers, NIOC Georgia  
CTI1 Alyssa Chubbuck, NIOC Hawaii  
LTJG Brandon Clare, NIOC Georgia  
CTN1 Keith Clinkscales, NIOC Georgia  
ITCS Darcella Cooper-Sanders, NCTAMS PAC Wahiawa  
CTRC Jeremy Crandall, CYBERFOR VA Beach  
ITCS James Crewse, NCTAMS PAC Wahiawa  
CTIC Daniel Crooks, NR NIOC Hawaii, Tacoma  
LT Dennis Cruz, NCTS Guam  
CTIC Matthew Culbertson, NIOC Texas  
CDR John Cupschalk, NR NIOC Norfolk  
NCC Anthony Darby, NCTAMS LANT Norfolk  
LTJG LeAnn Darland, NIOC Hawaii  
CTT1 Juan Davila, NIOC Norfolk  
LT Jerold Davis, NCMS Washington DC  
CTIC Jody Davis, NIOC Georgia  
LCDR Kristine De Soto, SPAWAR PAC San Diego  
CTN2 Amandio Decoito, NCDOD VA Beach  
ETC Dereck DeShazo, NCTS Far East Yokosuka  
LCDR Paul Dreher, NETWARCOM VA Beach  
CTRC Dominic Ellis, NIOD Jacksonville  
CSCS Brian Eltringham, NIOC Hawaii  
NCC Wan Embrey, NCTS Naples

CTMC John Erskine, NIOC Whidbey Island  
LT Tanya Evans, CYBERFOR VA Beach  
CTI1 Trevor Fells, NIOC Maryland  
CTICS John Fisher, NIOC Georgia  
YNC Dianna Frazier, NIOC Bahrain  
LT Raymond Fredricks, Jr., NIOC San Diego  
IS1 Tracy Frost, NCF FID Fallon NV  
ITC Nicole Fulton, NMCI Det Norfolk  
ETC Jose Garcia III, NCTAMS LANT Norfolk  
CTN2 Jacob Garner, NCDOD VA Beach  
CTI1 Mindy Gates, CYBERFOR AIR INTEL Patuxent River  
CTRC Mark Gerwig, NAVCYBERWARDEVGRU  
CWO4 Gary Gordon, NIOC San Diego  
CWO4 Charles Grady, NIOC Georgia  
LT Brandy Grossi, NIOC Misawa  
ITCS Allan Grove, NCTAMS PAC Wahiawa  
ETC Richard Grube, NR NIOC Norfolk  
CWO4 Charles Gunter, Jr., NETWARCOM VA Beach  
CWO3 David Gutierrez, NCTS San Diego  
CTTC Cornell Ham, NIOC Norfolk  
LT Brian Harbin, NCTS Jacksonville  
LTJG Cedric Hardnett, NCTAMS PAC Wahiawa  
CTRC Alan Hardrick, NIOC Georgia  
CTI1 Malcolm Heflin, NIOC Maryland  
LCDR Frederick Hesel, NCWDG Suitland  
HM1 Edward Henderson, Jr., NIOC Georgia  
LCDR Michael Herlands, NIOC Norfolk  
CDR Joseph Herzig, NCTAMS LANT Norfolk  
LCDR Tullio Hofstad, NR NIOC GA-Orlando  
LCDR James Holland, NNWG Corry Station  
LCDR Dennis Holden, NCTAMS LANT Norfolk  
CTIC Kelsy Holle, NIOC Bahrain  
CTIC Hugh Hooper III, NIOC Georgia  
ETC Kelly Howard, NCTAMS LANT Det Rota  
ITC Christopher Hughes, NCTS Sicily  
CTMC David Hultberg, NCMS Washington DC  
CWO4 Kevin Jenkins, NCTAMS LANT Det Hampton Roads  
LT Nicholas Jensen, NIOC Texas  
YN2 Steven Jerralds, NIOD Chesapeake  
LT Robert Johnson, NCTS FE Yokosuka  
LT William Johnson, NCTS FE Det Okinawa  
CTN2 Robert Jones, NCDOD VA Beach  
LTJG Jason Joo, NCTS FE Det Chinhae  
ITC Joseph Joyner, NCDOD  
LT James Joyner, Jr., NETWARCOM VA Beach  
CTM1 Vincent Kandian, NIOD Chesapeake  
CTI1 Jason Kappel, NIOC Georgia  
HM1 Constance Kettner, NIOC Georgia  
Maj David Klaverkamp, USMC, NIOC Norfolk  
CTRC Marion Knowles, NIOD San Antonio  
CTRC Thomas Kobzda, NCWDG Suitland  
CTIC Robert Krampitz, Jr., NIOC Maryland  
LCDR Eric Krause, NAVSOC Point Mugu  
LTJG Ralph Laffey, NCTAMS PAC Wahiawa  
CTMC Raymond LaFleur, Jr., NIOC Norfolk  
LCDR Ira Lambeth, NIOC Hawaii  
LCDR Patrick Lancaster, Jr., NCTAMS PAC Wahiawa  
ETC Eric Lang, NCTAMS PAC Wahiawa  
CDR George Laskey, NIOC Georgia  
CTMC Gary Lattimore, NIOC Yokosuka  
YNC Lisa Lawson, NIOC San Diego  
ITC Kamisha Lemon, NIOC Hawaii  
CTI1 Jason Lenn, NIOC Maryland  
ITCS Mary Lester, CMS TRA TEAM Norfolk VA  
ITC Ronald Lewis II, NIOC Maryland  
ETC James Lewis, NCTAMS LANT Det Hampton Roads  
IT1 Bradley Libbey, NIOC Maryland  
CTTC Erik Liedig, NIOC Texas

ITC Dwane Light, NCTAMS LANT Norfolk  
ITC Adrienne Lloyd, CYBERFOR VA Beach  
CAPT Thomas Lopez, NR NIOC Norfolk  
LCDR Lauro Luna, NCTAMS LANT Norfolk  
LT Theresa Mainuli, NIOC Maryland  
LT Peter Manzoli, NIOC Hawaii  
LT Robert Marnell, NR NIOC GA Orlando  
CDR Curtis Massey, NAVNETCENWARGRU  
LSCS Carlene Maxie, NIOC Misawa  
LCDR James McCartney, CYBERFOR VA Beach  
CDR Jacqueline Mcelhannon, NCTAMS LANT Norfolk  
CTT1 William McLean, CYBERFOR VA Beach  
YN1 Matthew Medina, NIOC Georgia  
CTIC Felix Medina, Jr., NIOC Georgia  
YN1 Classie Mejia, CYBERFOR VA Beach  
ITC Darlene Melton, NCTAMS PAC Wahiawa  
CTRC Michael Messer, NIOC Pensacola  
CAPT Scott Miller, NNWG Fort Meade  
IT1 Angela Moffett, NCDOD VA Beach  
CTR1 Jared Mollette, NIOC Pensacola  
CTN2 Mark Montgomery, NCDOD VA Beach  
CTRC Philip Navone, NR NIOC GA – Fort Dix  
ITC Tanya Near, NCTAMS PAC Wahiawa  
LT Daniel Nelson, NIOC Norfolk  
LT Ryan Nickell, NIOC Georgia  
ITC Freddie O'Brien II, NCTS Sicily  
LT John Odle, NETWARCOM VA Beach  
CTTCS Vaughn Okuna, NIOC San Diego  
ITC Erik Olson, NCMS Det Groton  
CTT1 Mack Osborne, Jr., NIOC Georgia  
CTIC Christopher Oshlo, NIOC Maryland  
IT1 LaShawn Patterson, NIOC Maryland  
CTI1 Jonathan Perkins, NIOC Bahrain  
IT1 Michele Pittard, NCTS Jacksonville  
CTR1 Alphonso Price, NIOD Chesapeake  
CTRC John Pritchett, NIOC Texas  
CTN1 Njeri Purvis, NIOC Georgia  
LT Nathan Putzier, NCWDG Suitland  
CDR Ingrid Rader, NR NIOC Pensacola  
LCDR Joseph Raetano, NCDOD  
ITC Daniel Ramsey, NCTS Far East Yokosuka  
CDR Travis Rauch, NETWARCOM VA Beach  
CTMC Shane Raulerson, FLTCYBERCOM Fort Meade  
ITCM Kirk Ray, NETWARCOM VA Beach  
ITC Antonio Ray, Sr., NCTS Far East  
ITC Thomas Rebecchi, NCTS FE DET Sasebo  
ITCM Wayne Reu, NCTAMS PAC Wahiawa  
CTICS Anthony Rice, NIOC Georgia  
ITCS Theodora Richardson, NCTS Bahrain  
CTICM Gina Rivera, NIOC Maryland  
ITCS Oscar Robaina, NCTAMS LANT Norfolk  
LT Steven Robinson, NIOC Georgia  
CTRC Jeremiah Rodriguez, NIOC Hawaii  
ET1 Samuel Rodriguez, NCTS Jacksonville  
YN2 Thomas Rognon, NIOC Texas  
CWO3 Gregory Rose, NIOC San Diego  
ITC Curtis Rutledge, NCTS Sicily  
CDR Martin Sable, NCTS Sicily  
LT Joseph Sabol, NAVCOMTELSTA Naples  
CTN1 George Sattelmayer, NAVCYBERWARDEVGRU  
CTTC Derek Scheil, NIOC Hawaii  
IT1 Jason Schouweiler, NETWARCOM VA Beach  
LT Jonathan Sholtis, NIOC Maryland  
CTN2 Jeremy Simpson, NAVCYBERWARDEVGRU  
ITCS Matthew Skaggs, FLTCYBERCOM Fort Meade  
ITCM Gail Smiley, NMCI Det Norfolk  
NC1 Ann Smith, NIOC Colorado  
YNC Christopher Smith, NCTS Jacksonville  
LTJG Eric Smith, NIOC Georgia  
IT1 Lamart Smith, NIOC Maryland

CTRC Shane Smith, NIOC Texas  
LCDR Michael South II, NCTS Naples  
CTIC Lisa Spadavecchia, NIOC Texas  
CTNCS Jeremy Stahl, NIOC Maryland  
NCC Gerald Steagall, NIOC Maryland  
CTRC David Steed, NIOC Texas  
LCDR Malcolm Strutchan, GNOC Det Norfolk  
LT Shawn Teasley, CYBERFOR VA Beach  
CWO3 Joann Thompson, NIOC Georgia  
CWO3 R Thrower, NIOC Bahrain  
LT Eamonn Tigani, NIOC Yokosuka  
LT Tony Tran, NIOC Yokosuka  
CTRCs Jeffrey Tucker, NIOC Maryland  
CTRC Jeremy Turnbull, NIOC Norfolk  
CTIC Carol Twerberg, NIOC Maryland  
CTIC David Ure, NIOC Georgia  
YN2 Monje Walker, NIOC Georgia  
LTJG Leslie Ward, NIOC Hawaii  
ETCS Keith Weathers, NCTS Bahrain  
ITCS Jeffrey Welch, NETWARCOM VA Beach  
CTI1 Christian Wertman, NIOC Bahrain  
YNC Eulala White, NIOC Georgia  
CTI1 Brad Wilkof, NIOC Georgia  
IT1 Trevor Wilmer, NCTAMS LANT Det Souda Bay  
CMDM Daniel Wilson, NCTS Bahrain  
YNC Delman Woodrum, Jr., CYBERFOR VA Beach  
LT Cornell Woods, NIOC San Diego  
LCDR Durke Wright, CYBERFOR VA Beach  
CEC Abner Yandoc, NCTS Bahrain  
CTRC Carol Yoakum, NIOD Digby  
LT Chelsey Zwicker, NIOC Bahrain



## JOINT SERVICE ACHIEVEMENT MEDAL

CTR2 Adam Banahan, NIOC Sugar Grove  
EO1 Joshua Bulfer, NIOC Hawaii  
CTR1 Lance Burney, NIOC Sugar Grove  
IT3 Chelsea Clippinger, NIOC Sugar Grove  
CTI2 Christopher Coffin, NIOC Georgia  
CTR2 Matthew Davis, NIOC Misawa  
CTI2 Jennifer Densmore, NIOC Georgia  
CTM2 Pascual DiCarlo, NIOC Sugar Grove  
LTJG Amanda Donato, NIOC Georgia  
LT Marc Gonzalez, NIOC Menwith Hill  
CTN2 Richard Hausdorfer, NIOC Georgia  
CTR2 Alexander Hicks, NIOC Sugar Grove  
CTI3 Kathryn Hill, NIOC Texas  
CTR3 Alexander Hishmeh, NIOC Misawa  
CTI1 Johannes Hubenthal, NIOC Georgia  
CTI2 Karlena Johnston, NIOC Georgia  
CTR1 Michael Jones, NIOC Texas  
CTR3 John T. Larimer, NIOC Colorado  
CTR2 Mark Lewis, NIOC Sugar Grove  
CTR1 Arturo Livingston, NIOC Georgia  
CTR3 Tammy McClure, NIOC Georgia  
CTR3 Kyron McQueen, NIOC Texas  
CTR2 Scott Mikkelsen, NIOC Sugar Grove  
CTR2 Timothy O'Connell, NIOC Sugar Grove  
CTR1 Lydia Olivier, NIOC Georgia  
CTN1 Michael Olivier, NIOC Georgia  
CTRSN Bradley Neveu, NIOC Sugar Grove  
CTR3 Jareth Peets, NIOC Sugar Grove  
CTR3 Jordan Richardson, NIOC Sugar Grove  
CTI2 Preston Rodriguez, NIOC Georgia  
CTI2 Michael Rundgren, NIOC Georgia

CTR2 Shane Sandberg, NIOC Sugar Grove  
 CTR1 David Saras, NIOC Sugar Grove  
 CTR3 Alyssa Savedra, NIOC Georgia  
 CTR3 Nichole Snow, NIOC Georgia  
 IT2 Andrew Thomer, NIOC Sugar Grove  
 CTI2 Sarah Toohill, NIOC Georgia  
 IT2 Emmitt Topping, NIOC Sugar Grove  
 IT3 Kelsey Topping, NIOC Sugar Grove  
 CTR2 Ezekiel Troutman, NIOC Misawa



**NAVY AND MARINE CORPS  
 ACHIEVEMENT MEDAL**

CTI1 John-Mark Allen, NIOD Kaneohe Bay  
 IT1 Tiffany Ambrose, NCF DET San Diego  
 CTN2 Sean Anthony, NIOC Norfolk  
 IT1 Reggie Avelino, NIOC Bahrain  
 ITCS Joshua Bangert, NCTAMS PAC Wahiawa  
 IT1 Clynton Banks, CYBERFOR VA Beach  
 IT3 Matthew Barnes, NCTAMS LANT Norfolk  
 CTM1 Michael Barnes, NCF DET San Diego  
 IS1 Cassandra Bender, NAVCYBERWARDEVGRU  
 IT1 Eric Brantseg, NCTS FE Det Diego Garcia  
 IT1 Conrad Brekke, NCTAMS LANT Det Hampton Roads  
 CTN2 Justin Butler, NIOC Pensacola  
 CTN2 Joshua Butterfield, NIOC Pensacola  
 CTI2 Thomas Carter, NIOC Georgia  
 IT3 Christopher Casanova, NCTS Bahrain  
 ET2 Adam Chapman, NCTAMS LANT Norfolk  
 CTM1 Michael Cohen, NIOD Groton  
 CTT2 Beth Costa, NIOC Norfolk  
 CTN2 Walter Cottrell III, NIOC Pensacola  
 CTR2 Noah Creager, NIOC Hawaii  
 CTR1 Jeffrey Crisp, NCDOD VA Beach  
 ITSN Katie Dale, NCTS Sicily  
 IT2 Robert Davis, NCTAMS LANT Norfolk  
 CTN2 Angela Denisuik, NIOC Pensacola  
 LS2 Amber Denton, NCTS Sicily  
 IT2 Nathan Detandt, NCTAMS LANT Det Rota  
 IT1 Kyle Devries, NCF DET San Diego  
 IT1 Paul Dumler, NCDOD VA Beach  
 CTR2 Faith Easley, NIOC Norfolk  
 CTI1 Scott Edwards, NIOC Georgia  
 IS1 Jacob Egbert, NCF FID Wash  
 IT3 Bryan Ellis, NCTAMS LANT Det Hampton Roads  
 LN1 Lynn Farquhar, NCTAMS PAC Wahiawa  
 CTI1 Jared Fischer, NIOC Bahrain  
 IT1 Robert Flores, NCTS San Diego  
 CTN1 Christopher Floyd, NIOC Pensacola  
 IT1 Dennis Galbraith, NCTAMS PAC Wahiawa  
 CTN2 Monica Garcia, NCDOD VA Beach  
 ITSN Samuel Garcia, NCTS Sicily  
 IT1 Christian Garner, NCTAMS LANT Norfolk  
 CTR1 Vernelle Giles, NIOC Bahrain  
 CTR2 Sharon Giuffre, NIOC Norfolk  
 CTT1 Juliann Gonzales, NIOC San Diego  
 IT1 Reginald Grant, NR NCTAMS LANT Det Norfolk  
 IT1 Melanie Green, NCF DET San Diego  
 YN3 Benjamin Hall, NAVCYBERWARDEVGRU  
 ITC Raymond Hall, NCTS STRATCOMU Det Oklahoma City  
 IT1 Robert Hall, NCTAMS LANT Norfolk  
 IT1 Gina Heckert, NCTS Bahrain  
 CTN3 David Hennessy, NIOC Pensacola

IT2 William Higbea, Jr., NCTS Bahrain  
 LT Tyson Hill, NR NIOC GA – Greensboro  
 LTJG Melissa Holmes, NCMS Washington DC  
 ET2 Sedrick Hudgins, NCTS Bahrain  
 CE2 Quentin Huntley, NCTAMS LANT Det Guantanamo Bay  
 CTRSN Adrienne Hutchinson, NIOC Hawaii  
 LTJG Bryan Irish, NCF FID Wash  
 IT2 Pablo Jimeneztobal, NMCI Det Norfolk  
 LS2 Anthony Johnson, NIOC Whidbey Island  
 ITCS Antuam Johnson, NCTS Bahrain  
 IT1 Melvin Johnson, NCTS Sicily  
 CTM1 Wade Juby, NIOD Groton  
 CTN3 Michael Kacir, NIOC Pensacola  
 BM1 John Kerr, NIOC Norfolk  
 CTR3 John T. Larimer, NIOC Colorado  
 CTM1 Carl Lasley, NCTAMS LANT Det Hampton Roads  
 CTI1 Jamie Leal, NIOC Georgia  
 CTT1 Raymond Leblanc, NIOC Hawaii  
 IT2 Emmanuel Lee, NCTS Bahrain  
 CTN2 Michael Leshner, NIOC Pensacola  
 IT1 Sebran Logan, Jr., NCTS Bahrain  
 IT1 Marlin Malcolm, NCTS Bahrain  
 CTN2 Nichole Mallonee, NIOC Pensacola  
 ITC David Marez, NCTS San Diego  
 MA2 Morgan Martin, NIOC Sugar Grove  
 CTR1 Darnell McCain, NAVCYBERWARDEVGRU  
 ENS Justin McCarthy, NCTS San Diego  
 ET1 Patrick McCavitt, NCTAMS LANT Det Hampton Roads  
 CTN1 Brian McKinney, NIOC Georgia  
 IS2 Alexis McLaurin, NCF FID Wash  
 CTN2 Daniel Merwin, NIOC Pensacola  
 CTM3 Travis Mims, NIOD Groton  
 CE1 Lamont Mitchell, NCTS Bahrain  
 CTN3 Julia Mora, NIOC Pensacola  
 IT1 Thomas Morefield, NCTAMS PAC Wahiawa  
 CTRC Stephanie Moretz, NCDOD VA Beach  
 CTR2 William Mosier, NIOC Whidbey Island  
 IT1 Jose Murillobarba, NCTS Naples  
 CTN3 David Myers, NIOC Norfolk  
 CTN2 Michael Noblejas, NAVCYBERWARDEVGRU  
 ET2 Brian Ohara, NCTS Sicily  
 IT1 Jennifer Pate, NCMS Washington DC  
 IT3 Christopher Payne, NIOC Norfolk  
 IT2 Brittany Perry, NCTS San Diego  
 IT1 Michele Pittard, NCTS Jacksonville  
 IT1 Gerald Polite, NCTS Bahrain  
 CTR1 Alvaro Quesada, NIOC Georgia  
 CTT1 Sean Quigley, NIOC Norfolk  
 CTT1 Maria Reece, NIOC Norfolk  
 IT1 Sherry Rice, NMCSO LANT Norfolk  
 CTR1 Marisol Rivera, NIOC Menwith Hill  
 IT3 Tyler Robertson, NCTS Bahrain  
 CTI1 Kelli Rose, NIOC Georgia  
 ET2 Gregory Rouzeau, NCTS Jacksonville  
 IT1 Nuuausala Russell, NMCI Det Norfolk  
 LCDR Thomas Ryan, NCTAMS PAC Wahiawa  
 IT2 Shanae Saunders, NCMS Wash  
 ENS David Schroeder, NR NIOC GA – Great Lakes  
 CTN2 Chaquel Shiver, NIOC Norfolk  
 CTN1 Jason Skief, NAVCYBERWARDEVGRU  
 LT Sheldon Snyder, NETWARCOM VA Beach  
 MA3 Christopher Somma, NIOC Sugar Grove  
 ET2 Adrian Spiers, NCTS Sicily  
 LT Kenneth Stein, NCF FID Washington DC  
 IC1 Gerald Stone, Jr., NCTS Far East Yokosuka  
 ITSN Kara Swanson, NIOC Hawaii  
 CTN2 Christopher Taylor, NIOC Pensacola  
 MA2 Walter Terry, NIOC Sugar Grove

YN3 Terry Thomas, NCTS Sicily  
 ET3 Alicia Thompson, NCTS Bahrain  
 ET1 Brandon Thompson, NCTS Far East Det Okinawa  
 IT2 Kristopher Torres, NCF DET San Diego  
 IT1 Albert Tubs, NCTAMS LANT Det Hampton Roads  
 ITC Eugene Tyson, CYBERFOR Det San Diego  
 ITC Woodrow Waggoner, NCTS Bahrain  
 CTN2 Matthew Walker, NIOC Pensacola  
 ET1 Gibbs Walls, NCTS Bahrain  
 LTJG Candias Watson, NCTAMS LANT Norfolk  
 CTN2 Tiffany Weir, NIOC Pensacola  
 CTM1 Amanda Wendell, NIOC Norfolk  
 IT1 Calvin Wilds, Jr., NCTS Bahrain  
 LT Cody Wood, NIOC Norfolk  
 ITC Aja Wright, NCTS Bahrain  
 CTN2 Adam Zeanchock, NIOC Pensacola



**MILITARY OUTSTANDING  
 VOLUNTEER SERVICE MEDAL**

IS2 Alicia Cleveland, CYBERFOR VA Beach  
 CTI3 Miranda Crotts, NIOC Maryland  
 IT1 Kyle DeVries, NCF Det San Diego  
 ET3 Amy Miller, NCTAMS PAC Wahiawa  
 CTI1 Brandy Hensley, NIOC Menwith Hill  
 CTN2 Robert Jones, NCDOD VA Beach  
 CTR1 Tessa Jones, NIOC Maryland  
 LCDR Darin Marvin, NR NCTAMS PAC  
 ET1 Isaac Mayashiro, NCTAMS PAC Wahiawa  
 CTRC Nathan Mitchell, NIOC Maryland



**MERITORIOUS CIVILIAN  
 SERVICE MEDAL**

Joan Bruno-Syme, FLTCYBERCOM Fort Meade  
 Darlene Goodwin, CYBERFOR VA Beach  
 Kenyetta Rogers, NETWARCOM VA Beach  
 Susan Scott, FCC Fort Meade

**CIVILIAN LENGTH OF  
 SERVICE AWARDS**

Donald Webb, FCC Fort Meade - 48 Yrs  
 Joan Bruno-Syme, FCC Fort Meade - 40 Yrs  
 James Glasscock, FCC Fort Meade - 40 Yrs  
 John Donaldson, NETWARCOM VA Beach - 35 Yrs  
 Stephen LaRocque, FCC Fort Meade - 35 Yrs  
 Hazel Brown, FLTCYBERCOM Fort Meade - 30 Yrs  
 Raymond Gajan, Jr., NETWARCOM VA Beach - 30 Yrs  
 Shaunna Reesecooke, NETWARCOM VA Beach - 30 Yrs  
 Pamela Scott, FCC Fort Meade - 30 Yrs  
 Ridder Williams, NETWARCOM VA Beach - 30 Yrs  
 Christopher Chrosniak, FCC Fort Meade - 25 Yrs  
 Ramona Farrow, NETWARCOM VA Beach - 25 Yrs  
 Ralph Anderson, NETWARCOM VA Beach - 20 Yrs  
 Teresa Duvall, NETWARCOM VA Beach - 20 Yrs  
 Stephanie Allen, NETWARCOM VA Beach - 15 Yrs  
 Joshua Barnett, NETWARCOM VA Beach - 10 Yrs  
 Neal Miller, NETWARCOM V A Beach - 10 Yrs  
 Matthew Palumbo, NETWARCOM VA Beach - 10 Yrs  
 Danielle Wright, NETWARCOM VA Beach - 10 Yrs

Thomas Holloway, NETWARCOM VA Beach - 10 Yrs  
 Michael Dagney, NETWARCOM VA Beach - 5 Yrs

Jerry Morice, NETWARCOM VA Beach - 5 Yrs  
 Franklin Roberson, NETWARCOM VA Beach - 5 Yrs

Terrelle Bradshaw, NETWARCOM VA Beach - 5 Yrs  
 Larry Deering, NETWARCOM VA Beach - 5 Yrs

# Joint Sailors of the Year

## CTR and IT petty officers are surprised and humbled

By MCC(SW/AW) Aaron Strickland, CYBERFOR Public Affairs

**VIRGINIA BEACH, VA** -- U.S. Fleet Cyber Command (FLTCYBERCOM) and Navy Cyber Forces (CYBERFOR) named joint 2011 Sailors of the Year in a ceremony in Virginia Beach, VA, Jan. 26.

CTR1(IDW/SW) Christopher Cook, based at Navy Information Operations Command (NIOC) Georgia, is the FLTCYBERCOM/CYBERFOR Sea Sailor of the Year.

IT1(IDW/SW) Richard Skees, a computer specialist assigned to Navy Cyber Defense Operations Command (NCDOD) in Virginia Beach, VA, is the FLTCYBERCOM/CYBERFOR Shore Sailor of the Year.

Sea Junior Sailor of the Year is CTM2 (IDW/SW) Craig Pitcher from NIOC Norfolk, and Shore Junior Sailor of the Year is IT2(IDW/SW) James Boger, Navy Information Operations Command (NIOC) Colorado.

“Any of our 10 finalists could have been selected as the Sailor of the Year and would have performed equally as well at the U.S. Fleet Forces competition,” CYBERFOR FORCM (IDW/AW/SW) Jay Powers said. “Long after the master chiefs who sat on this board are piped ashore, these Sailors will be shaping our Navy and positively impacting our Information Dominance Corps, whether from the CPO Mess or the wardroom. I am extremely proud of them and their families.”

Skees said his selection was a surprise, and it humbled him.

“I’m honored to be chosen from such a great group of Sailors,” the Lexington, KY, native said. “Being picked as Sailor of the Year is a result of the great job the Sailors around me do to make NCDOD a success.”

Cook, who hails from Birmingham, AL, said he counts himself blessed to be chosen.

“My Sailors put me in a position to show what we’re about at NIOC,” he said. “When you put God first and have an awesome support team, and I mean my family and my command, anything is possible.”

FLTCYBERCOM/TENTHFLT Command Master Chief (IDW/SW) Christopher Welch said this is the first year FLTCYBERCOM and CYBERFOR conducted a joint Sailor of the Year program and that the

nominees demonstrate why Navy Cyber and the Navy as a whole remain strong.

“We had candidates from our subordinate communities representing their fellow Sailors from within the Information Dominance Corps and those from the myriad of other Navy ratings we depend on every day for mission success,” Welch said. “It is our ability to work together that is the foundation from which our accomplishments in this new warfare area will come. These Sailors will lead us in those achievements.”

The other nominees for Sailor of the Year were CTR1(IDW/NAC) Daniel Adkins, NIOC Whidbey Island, WA; IT1(IDW/SW) Jennifer Pate, Naval Communications Security Material System, Washington; CTM1(SS) Kelly Rixies, Jr., NIOC Norfolk; CTI1(IDW/NAC) Jason Snyder, NIOC Misawa, Japan; ET1(IDW/SW) Jerry Behimino, Naval Computer and Telecommunications Area Master Station (NACTAMS) Pacific, Hawaii; CTT1(IDW/SW) Kristalina Greene, NIOC Colorado; IT1(IDW/SW) Bryan Hamel, NCTAMS Atlantic, VA; and YN1(IDW/SW) Classie Mejia, Navy Cyber Forces Headquarters, VA.

While neither Sailor was selected at the U.S. Fleet Forces Command Sailor of the Year competition, Skees has been selected for commissioning as a Limited Duty Officer. ✈



IT1(IDW/SW) Richard Skees



CTR1(IDW/SW) Christopher Cook



### Enlisted Sailors 'Go Officer' Vice Ending Careers

By ENS Amber Lynn Daniel, Diversity & Inclusion Public Affairs

**WASHINGTON, DC** -- The 25th Annual Joint Women's Leadership Symposium (JWLS), was hosted by the Sea Service Leadership Association (SSLA) at the Gaylord National Hotel and Convention Center in National Harbor, MD, March 5 and 6.

"United in Service: Our Global Impact," was the theme for this year's two-day event that will spotlight the global impact of women military leaders.

For the past 25 years, the symposium has been an invaluable tool for women in all five branches of the military, providing service opportunities for networking, professional growth and leadership development.

Last year's symposium set the stage for a special mentoring connection for three individuals.

LCDR Christine Cochran, Navy Cyber Forces' Force diversity officer, attended the JWLS as a way to enhance her professional development and make more contacts within the sea services community. During one of the Navy breakout sessions, Cochran shared her experience in earning her commission through the Enlisted Commissioning Program (ECP) in 1999.

It was during this Navy breakout session that a young Sailor, AG2 Quinn Challinor, in the process of submitting a package for STA-21, asked Cochran for advice. Overhearing that conversation, AG1(AW/SW) Sarah E. Beemiller also approached Cochran for assistance with her package. Cochran agreed to mentor both women with their applications.

For Beemiller, the application ultimately became more than a potential commission. Denied



Army BGEN N. Lee S. Price (center), as part of the female general officer panel, responds to a question by an audience member at the 24th Annual Joint Women's Leadership Symposium in San Diego (Photo by MCSA Carla Ocampo)

through PTS, Beemiller was preparing to leave the Navy. The STA-21 application was a chance to keep her Navy career.

Beemiller was attending her farewell luncheon when the results for the STA-21 board were released.

"She was at her luncheon, walking out the door to turn her badge in," said Cochran. "She had already taken her house hunting and job hunting leave and came back, waiting on these results. She was going to be on terminal leave that day."

When the results were released, Beemiller and Challinor both were on the STA-21 selection list.

"LCDR Cochran's direct leadership and guidance inevitably led to my selection this year," said Beemiller. "There aren't enough words to express how grateful I am that our paths crossed at this amazing conference."

The results didn't just change the lives of the two selected. After

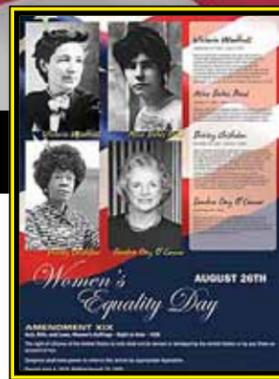
23 years in the Navy, Cochran was weighing the decision to retire or stay in for one last tour.

"I was very close to a decision to retire myself," said Cochran. "I really think she helped me make the decision to do one last tour myself, because it was so motivating for me to see that this worked for her."

Beemiller will have to wait until next year to connect with her mentor at the symposium - she recently departed for her STA-21 training.

"I would not still be in the Navy if I hadn't been selected and it would not have happened if it were not for the SSLA Joint Women's Leadership Symposium," said Beemiller.

Established in 1978, SSLA is the only non-profit organization in the United States dedicated to providing professional development through networking, education, and mentorship of women from the United States Navy, Marine Corps.



### Cyber Commander Shares Power of Social Media with WIDHR

By CDR Brenda Steele MacCrimmon, CYBERFOR Public Affairs

Take an admiral from the Cyber world, give her an audience and she'll tell you as much about the amazing power of social media as she will about her command's role in manning, training and equipping the cyber community of the U.S. Navy. Navy Cyber Forces Commander, RDML Gretchen Herbert, speaking to Women In Defense of Greater Hampton Roads in July, showed the power of social media with a video that recently went viral on YouTube called "Book Burning Party."

Herbert's message to her audience was one of forward-thinking about the future of the internet, the cyber domain and the way that we'll all be doing business in the future because of technological advances. She even joked that our refrigerators might soon be connected to the internet; some appliances already download updates and store data.

In the video, the Troy, MI, public library needed to pass a small tax increase to remain open, but anti-tax crusaders began dominating the conversation to get it voted down, posting signs throughout the town opposing the tax. Faced with dwindling hopes that anyone in the community would support the tax increase, the library staff chose an unusual approach - it worked with an

advertising agency to develop an award-winning video.

"Book Burning Party" used reverse psychology to make its point about the need for a tax increase to keep the library's doors open for business. After fooling many people in the community, the library revealed its real motive in the video and managed to get the tax increase it needed. The video has been seen by hundreds of thousands of people. [www.youtube.com/watch?v=nw3zNNO5gX0](http://www.youtube.com/watch?v=nw3zNNO5gX0).

Of course Herbert also shared plans, philosophies and doctrine affecting the cyber community today for Women in Defense, since many in the audience either support the military as a government employee or as a civilian contractor. Some of the group's members are active and/or reserve military as well.

(Right) RDML Gretchen Herbert was recently invited to speak to WIDHR. (Below) Members of Women In Defense of Hampton Roads learned more about plans, philosophies and doctrine affecting the Navy's cyber community today.



Photos by Corrie Corey

# Command Remembers Its Own in Midst of Tragedy

July 20 at a midnight movie premier, shots rang out in an Aurora, CO theater. Lives were forever changed and sadly, lives were lost. Twelve lives. The cyber community mourns the loss of one of its own, CTR3 John Larimer, assigned to Navy Information Operations Command (NIOC) Colorado located at Buckley Air Force Base. Larimer was 27 years old when he died shielding a friend from a barrage of bullets, saving her life. He is remembered as a hero.

Larimer, a native of Crystal Lake, IL, joined the Navy June 16, 2011, and reported to NIOC Colorado in October that same year. A fourth generation Sailor and a second generation cryptologist, Larimer's family is steeped in the tradition of honor and service to both the Navy and the nation. His great grandfather served on board transport ships in World War I. In World War II, his grandfather served aboard Patrol Torpedo (PT) boats. In the Vietnam War era, his father served as a Cryptologic Technician – Maintenance Sailor. And Larimer's only brother is a Navy veteran.

Shipmates with heavy hearts mixed with fond memories remember Larimer and the lasting impact he made during this short time at NIOC Colorado. Noted as an outstanding shipmate with ambitions of applying to Officer Candidate School, Larimer is also remembered as an even better friend.

"It's hard to put into words how much John meant to me and the other Sailors. He was destined for great things," said CTR3 Jace Cordier. "He was a huge supporter of me trying for officer. He was one of the best friends a person could ask for."

"I will never meet another man as loving, caring and as sweet as he was, not only to his friends, but everyone he met," said CTR2 Cory Raber. "Nobody was more genuine than John. He will be remembered as that goofy guy who would do anything to make someone smile."

On July 28 Larimer was laid to rest in his hometown of Crystal Lake, where family, friends and even people who did not personally know him paid their final respects. One hometown mourner who did not personally know Larimer compared him to a Soldier who would throw himself on a hand grenade to save his buddies. "I thought the least I could do, even though I don't personally know him, was pay my

respects," mourner Harry C. Nickelson said. "He was a hero in my mind."

NIOC Colorado Commanding Officer, CDR Jeffrey Jakuboski, attended the funeral, laying a command coin on Larimer's casket. "I am incredibly saddened by the loss of Petty Officer John Larimer – he was an outstanding shipmate," said Jakuboski. "A valued member of our Navy team, he will be missed by all who knew him. My heart goes out to John's family, friends and loved ones, as well as to all the victims of this horrible tragedy."

Larimer was posthumously awarded the following: Joint Service Achievement Medal from the Signals Intelligence Directorate of the National Security Agency /Central Security Service Colorado for outstanding leadership, professionalism and technical expertise supporting a 24-hour multiagency watch; Navy Achievement Medal from Navy Information Operations Command Colorado for exceptional rating knowledge and resourcefulness as crew leading mentorship coordinator for over 100 joint-service personnel; and the Enlisted Information Dominance Warfare Specialist pin. NIOC Colorado will hold a memorial service 10 a.m. on Aug. 6.

The Larimer family has created a memorial fund in the fallen Sailor's name: [X](#)

*John T. Larimer Memorial Fund  
Citibank, Crystal Lake, IL  
Account: 927266165*



*Navy Recruit John Larimer entered boot camp at Recruit Training Command Great Lakes, IL, June 2011.*

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