

# InfoDOMAIN

DECISION SUPERIORITY FOR THE WARFIGHTER

WINTER 2011 / 2012





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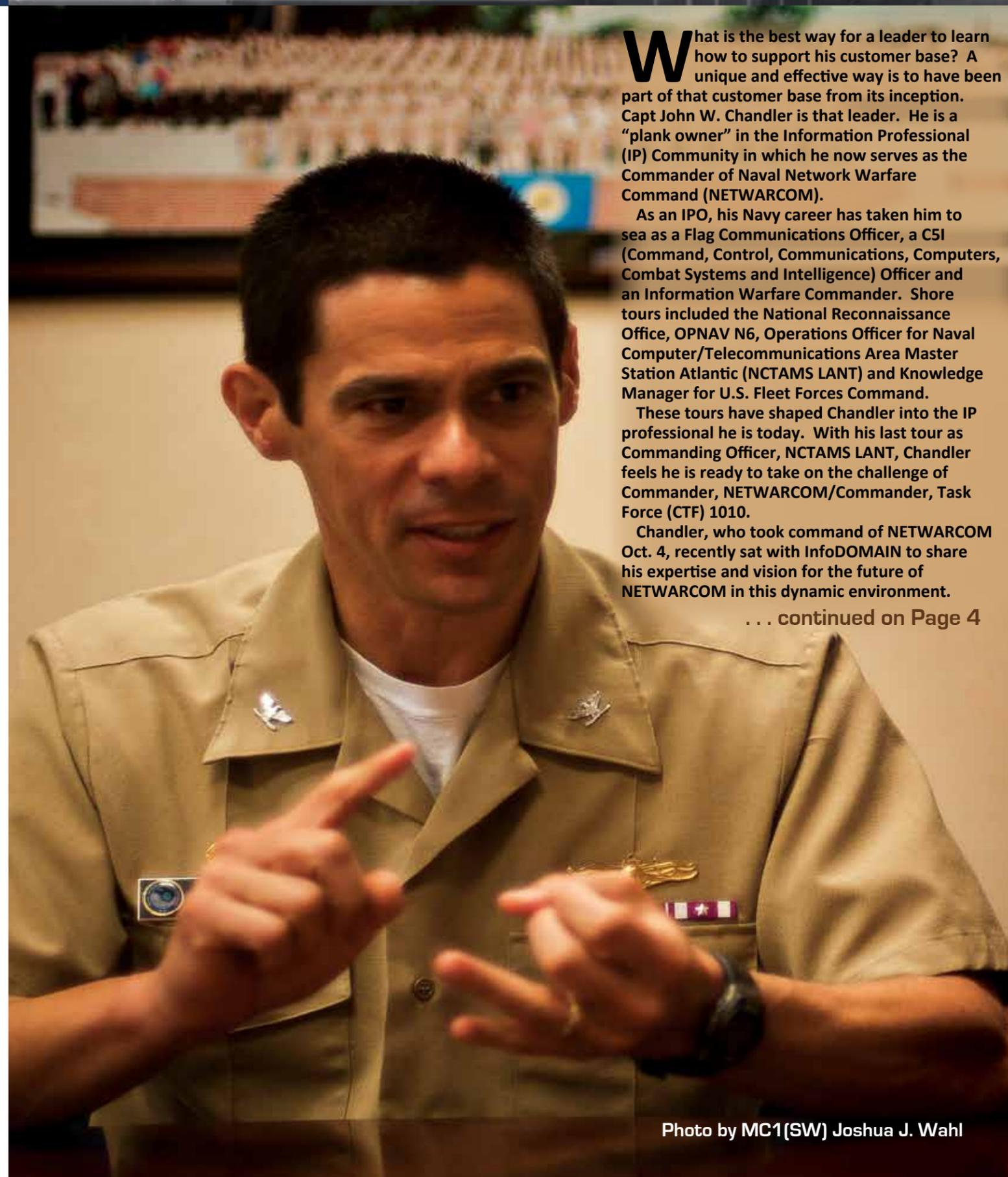
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**FRONT COVER:** *An astronaut's view of the international space station. (Photo Illustration by MC1 Joshua J. Wahl)*

**BACK COVER:** *InfoDOMAIN's format changes as a digital version comes of age. (Photo Illustration by MC1 Joshua J. Wahl)*

**EDITOR'S NOTE:** *On Page 39 of our summer edition the NCTS Far East photo at the top of the page was taken by ET2(SW) Denis Sullivan, NCTS FE's N6 Department. Also on Page 39 of our fall edition the article's author is CTR1(SW/AW) Bonnie McCammond, not McCammon.*



**W**hat is the best way for a leader to learn how to support his customer base? A unique and effective way is to have been part of that customer base from its inception. Capt John W. Chandler is that leader. He is a "plank owner" in the Information Professional (IP) Community in which he now serves as the Commander of Naval Network Warfare Command (NETWARCOM).

As an IPO, his Navy career has taken him to sea as a Flag Communications Officer, a C5I (Command, Control, Communications, Computers, Combat Systems and Intelligence) Officer and an Information Warfare Commander. Shore tours included the National Reconnaissance Office, OPNAV N6, Operations Officer for Naval Computer/Telecommunications Area Master Station Atlantic (NCTAMS LANT) and Knowledge Manager for U.S. Fleet Forces Command.

These tours have shaped Chandler into the IP professional he is today. With his last tour as Commanding Officer, NCTAMS LANT, Chandler feels he is ready to take on the challenge of Commander, NETWARCOM/Commander, Task Force (CTF) 1010.

Chandler, who took command of NETWARCOM Oct. 4, recently sat with InfoDOMAIN to share his expertise and vision for the future of NETWARCOM in this dynamic environment.

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Photo by MC1(SW) Joshua J. Wahl

**InfoDOMAIN:** Understanding there are changes in the works, can you give us a capsule summary of where NETWARCOM fits in the big picture today?

**CAPT Chandler:** Today NETWARCOM has been given the mission to execute, under Commander 10th Fleet (C10F), operational control (OPCON) – that is, tactical level Command and Control (C2) – of Navy networks and to leverage space capabilities, or the “space effect” package that concerns any degradation to satellite communications, for Navy and Joint operations.

C10F exercises its OPCON for the tactical level through a CTF structure and NETWARCOM is designated as the TF 1010 commander. CTF 1010 is the Network Operations (NETOPS) command for C10F and is responsible for the DGO, which is U.S. Cyber Command terminology for the DOD GIG (Global Information Grid) Operations. (see sidebar, page 6, for more information on DGO)

Our mission generally aligns to the following three areas:

- Exercising global tactical level C2 of Navy networks including One-Net, IT21 and the Navy Marine Corps Intranet (NMCI).
- Enhancing NETOPS and security, and
- Delivering enhanced space products (the ability to communicate ground to ground, air to ground and ground to air) to operating forces around the world.

*“When we talk cyber, we talk a team sport. It’s all of us operating as a team to defend the country in cyberspace, with the right legal authorities.”*

**GEN Keith Alexander, COMUSCYBERCOM**

today differ from when you first became associated with the IP community as a plank owner?

**CAPT Chandler:**

focus solely on Global Tactical NETOPS. It is consistent with the other CTF Commanders in the domain. The unique synergies created by having CTF 1010, the network operators, and CTF 1020 (Navy Cyber Defense Operations Command (NCDOC)), the network defenders, on the same watch floor is a huge asset for the Navy.

**InfoDOMAIN:** With cyber security so prevalent in national news, how do you see NETWARCOM’s mission increasing or changing?

**CAPT Chandler:** While I don’t draw a direct connection to the amount of coverage cyber security is getting in the news to our mission growth, we do see our role in the Fleet’s Cyber Security growing.

Defending the network is the primary mission of CTF 1020/NCDOC - the protection of the network through technical employment of Information Assurance (IA) best practices such as scanning, patching and maintaining updated virus signatures are central to our CTF 1010 mission.

**InfoDOMAIN:** With the Information Dominance Warfare program & the Information Systems Technician of the Future (ITOF) training both online, how do ITs

The IP community is in a great place now with our Sailors in high demand for their recognized critical skill sets. I believe that it is very important that we continue to shape the community and brand ourselves as a professional, technical and credentialed workforce.

The IDC warfare designation, the ITOF training, the IP Basic, Intermediate & Advanced Officer Qualifications, and our membership in the Information Assurance Workforce (IAWF) have all been added since I became associated with the community and are exactly the right way to continue to build that competence. (see sidebar, page 6, for more information on IAWF).

**InfoDOMAIN:** Do you see or want to see a more Joint environment for real world operations?

**CAPT Chandler:** CTF 1010’s immediate operational boss is Fleet Cyber Command, the Naval Component Commander to U.S. Cyber Command. The Commander of U.S. Cyber Command, GEN Keith Alexander recently said in a public speech, “When we talk cyber, we talk a team sport. It’s all of us operating as a team to defend the country in cyberspace, with the right legal authorities.”

So you can see that we are already aligned in a joint manner and the joint commander intends to use all of his assigned forces in cyber operations. So yes, I think we will continue to see more of a joint environment.

**InfoDOMAIN:** What would you like to accomplish professionally at NETWARCOM before you detach? Is the

... continued on Page 6

## AT A GLANCE

**CAPT Chandler** was commissioned as an Ensign after graduating from the U.S. Naval Academy in 1987.

His afloat assignments include: Combat Information Center Officer in USS Aubrey Fitch (FFG 34); Assistant Operations Officer with Destroyer Squadron 7, which participated in Operation Desert Storm embarked in USS Ranger (CV 61); and Operations Officer in USS McInerney (FFG 8). At the completion of his Surface Warfare Department Head job in McInerney, he was approved for a lateral transfer and became a “plank owner” in the Information Professional Community.

As an Information Professional Officer, he has served At Sea Milestone jobs as: Flag Communications Officer in Cruiser Destroyer Group 12 embarked aboard the USS Enterprise (CVN 65); Command, Control, Communications, Computers, Combat Systems and Intelligence (C5I) Officer in USS Nassau (LHA 4); and as Information Warfare Commander for the Theodore Roosevelt Strike Group.

Ashore Chandler completed a Master’s of Science Degree in Applied Physics in 1994. He has completed tours at the National Reconnaissance Office, OPNAV N6, Operations Officer at NCTAMS LANT, and Knowledge Manager for U.S. Fleet Forces Command and Commanding Officer, NCTAMS LANT from August 2009 to August 2011. He assumed command of Naval Network Warfare Command/CTF 1010 in October 2011.

Chandler’s decorations include the Legion of Merit, Defense Meritorious Service Medal, Meritorious Service Medal (6), and Navy Commendation Medal (2) including the combat distinguishing device. 🏆



## CHAPLAIN’S THOUGHTS

### The Season of Giving

The holiday season is about giving and there are many opportunities to put flesh to the spirit of giving. One of the most memorable for me occurred during my first ministry in rural Kansas. The small country church determined to reach out to the rural poor in the area. They also decided they did not want the right hand to know what the left hand was doing. They came up with a plan to deliver boxes of gifts and groceries to doorsteps of homes after dark, knock loudly and run! There would be a “get away” car waiting. The hope was that at the most the recipient might see would be a set of tail lights through a cloud of dust.

Those involved had so much fun it became one of the most popular ministries of the church and was practiced year round as needs arose. The book of Proverbs in Hebrew scripture says that “the person who gives to the poor lends to God” and in another verse “... honors God.” Proverbs also says “... a generous man will himself be blessed.”

This holiday season, and throughout the new year, look for opportunities to perform random acts of kindness without hope of any type of repayment. Remember the poor. Remember generosity is not measured by the size or cost of the gift but by your ability to give. Giving should not be limited to a specific time of the year. In this new year, exercise the spirit of giving all year around. Happy 2012! Grace and peace. 🙏

Chaplain Mac

**EDITOR’S NOTE:** Chaplain Mac is Fleet Cyber Command/10th Fleet’s Chaplain. However, he continues to support all cyber warriors throughout the Hampton Roads area, as well as the commands located at Fort Meade, MD.

## My DOMAIN continued...

current operating environment ripe for achieving that goal or do you anticipate a long haul?

**CAPT Chandler:** I want to continue to improve the quality of NETOPS and Space support provided to the fleet and to continue to improve the availability and security of that service.

I also want to enable my workforce to set and meet high goals with respect to advancing their technical knowledge, expertise and certification levels. I am well supported to meet those goals.

**InfoDOMAIN:** Anything you would like to say to

the command?

**CAPT Chandler:** The NETWARCOM employees across the domain have greatly impressed me with their ability to accomplish our mission. We are a professional, credentialed and experienced workforce critical to the Tactical NETOPS and Space mission.

I will continue to challenge them to advance their education and level of expertise. True experts in their field are able to observe more in their environment and react quicker to subtle changes that lesser trained individuals might not notice. That is where we want to be." ✎

## What is IAWF?

Information Assurance Workforce (IAWF) Management Oversight and Compliance Council (MOCC) is a Department of the Navy (DON) charter that provides DON-wide oversight of, and ensures compliance with, Information Assurance (IA) Workforce Improvement Programs policy and operates under the Department of Defense Directive 8570.1, IA Training, Certification and Workforce Management.

The MOCC oversees the development of IAWF education, training and certification standards, which in turn governs the development and validation of career path guidance for the professional workforce; competencies

and skills development and validation; and education, training and certification requirements.

One becomes an IAWF member in one of two ways, what you do and/or who you are.

ITOFs and IPOs are core members by virtue of their jobs. Civilians and officers of other designators, depending on their job, are also IAWF members.

The IAWF is a workforce that requires credentialing and certification and maintaining those credentials.

"It's a professional workforce and recognized as such," said Chandler. "The Navy is paying for and investing in you to become a certified professional at your job, providing a valuable civilian certification."

## Department of Defense Global Information Grid (GIG) Operations (DGO)

DGO are actions taken by U.S. Cyber Command to direct, and provide guidance and unity of effort to support efforts to design, build, configure, secure, operate, maintain and sustain DOD networks to create and preserve availability, integrity, authentication, confidentiality and non-repudiation of information. Proactive Network Operations is the major operational method by which U.S. Cyber Command will conduct this line of operations.

(From U.S. Cyber Command Concept of Operations, Version 1.0 (dated Sept 21, 2010).

# Senior Enlisted Conference Showcases Local Navy Cyber Commands

Compiled by CYBERFOR Public Affairs

**VIRGINIA BEACH, VA** –Ten Senior Enlisted Leaders from the Army, Air Force and Navy Cyber Domains met in the Hampton Roads area, Nov. 1-3 to examine Cyber operations around the Department

of Defense (DoD).

This is the second time that the Command Master Chief of U.S. Cyber Command has called together the top enlisted leaders in Cyber. The group met during 2010 at the Air

Force Institute of Technology at Wright-Patterson Air Force Base, Ohio.

The leaders came from U.S. Strategic Command (STRATCOM); U.S. Cyber Command; Army



Cyber Command; Marine Forces Cyber Command; U.S. Intelligence Command; Air Force Intelligence, Surveillance and Reconnaissance Agency (ISRA); 24th Air Force; Fleet Cyber Command and Navy Cyber Forces.

During the conference, they conducted meetings and toured the local cyber commands: Navy Cyber Defense Operations Command, Navy Cyber Forces, Navy Information Operations Command and Naval Network Warfare Command.

They also spent a day pierside at Naval Station Norfolk where they visited Command Direction Centers aboard USS Enterprise (CVN 65), USS Churchill (DDG 81) and USS Boise (SSN 764).

"This conference is all about how each service adds to information superiority on land, sea and air," said Cyber Command's Command Master Chief, CMDCM Danny Miller.

"Getting the top enlisted cyber leaders together gave us an opportunity to compare how we do business," said Navy Cyber Forces' FORCM Jay Powers. "This conference was a real eye-opener for all the services. We found out some ways



(Above) Senior Enlisted Leaders from the Army, Air Force and Navy Cyber Domains gather for a group photo in front of the USS Enterprise (CVN 65). (Left) CYBERFOR's FORCM Jay Powers discusses Navy operations with Army CSM Michael Howard, Army Cyber Command. (Photos by MCC(SW/AW) Aaron Strickland).

we can operate our domains more effectively."

According to Powers, all the participants left the conference recognizing the need for enhancing joint network defensive capabilities and for an increased awareness of the Navy's offensive cyber capabilities.

"This conference gave me new respect for what each service brings to the table," said STRATCOM's Command Sergeant Major, Army SGM Patrick Alston.

"The pride in the details is evident

in these people. You can really pick up on the camaraderie," said ISRA's Command Chief Master Sergeant, Air Force CMSGT Terrence Alexander.

The next Cyber Senior Enlisted Leader Conference will be hosted by 2nd Army at Fort Belvoir, VA, at a date to be determined.

Fleet Cyber Command's Command Master Chief, CMDCM Chris Welch summed up the conference: "This has been an excellent opportunity to discuss the ability of the Navy to showcase intelligence gathering to our sister services." ✎

## Fleet Cyber Command/10<sup>th</sup> Fleet Holds Change of Command Ceremony

From 10th Fleet Public Affairs

**BALTIMORE, MD** – VADM Michael S. Rogers relieved VADM Bernard J. "Barry" McCullough, III, as Commander, Fleet Cyber Command (FLTCYBERCOM) and 10th Fleet during a change of command ceremony Sept. 30 at Fort McHenry National Monument and Shrine.

The ceremony, presided over by Chief of Naval Operations ADM Jonathan W. Greenert, served to showcase the numerous accomplishments of the command as a whole while paying tribute to the individuals who have maintained the organization's success over the past two years.

Greenert said McCullough's experience and operational expertise had made him the perfect candidate in 2010 to lead the Navy's newest echelon II command and newest numbered Fleet and raise cyber warfare to the forefront of the Navy's 21st century arsenal.

"[Cyber warfare is] a new challenge. The next major conflict, we are absolutely convinced, will start virtually. It won't be a kinetic strike. The first strike will be somebody trying to paralyze information, weapons, sensors or our command and control systems. We have got to be able to command and control our command and control, and that's what Barry started with these great people at Fleet Cyber Command," Greenert said. "This command is our defense and our offense. Their mission is to operationalize cyber. That is what we asked Barry to do in this command and he has done it brilliantly."

Greenert named McCullough's numerous accomplishments during his address, citing the outgoing admiral's drive for excellence during his 36-year career.

"If you know Barry McCullough, you know he likes to take charge and set the high bar of excellence. He has done it his entire career. Who else could lead Fleet Cyber Command? We needed someone who was ready to go forward take on a new command and do it right," Greenert said. "When ADM Roughead as the CNO came here in January 2010, he said 'you are responsible to set the bar of excellence high in this command, so high that it will always stand out as a model.' And as we like to say, mission complete."

Since taking the helm of U.S. Fleet Cyber Command and U.S. 10th Fleet as their first commander in June 2010, one of McCullough's highest priorities has been the development of cyber situational awareness similar to the common operational picture used for air, surface and undersea. During his tenure, he oversaw the activation of the 10th Fleet Maritime Operations Center (MOC) that for the first time consolidated operational information across the cyber, cryptologic, electronic warfare, information operations and space lines of operation. Through aggressive pursuit of technical and data feed options, the MOC provides immediate situational



VADM Michael S. Rogers

awareness of network health, defensive actions, intelligence capability status and global fleet operations.

"In two years what he has done is marvelous. It looks exactly like the USS Blue Ridge that I commanded back in 2006. He has turned his maritime operations center to look exactly like what we have in our maritime command centers," Greenert said.

Providing environmental element awareness of network health, defensive actions, intelligence capability status and global Fleet operations kept McCullough's team focused to impede the millions of attempts made daily to penetrate network systems afloat and ashore.

"We have to be able to have situational awareness of these assaults in real time to prevent the exfiltration of our intellectual capital that is expensive, technically challenging to create and engineer, and requires a large amount of time, that one resource that can never be

replaced, to develop," said McCullough. "This work is long and hard and crosses a myriad of statutes, regulations, directives and lines of authority. That said, it must be pursued."

McCullough also developed and executed a Unified Cryptologic Operations Strategy that significantly enhanced the access for Fleet units to national information databases and the cloud computing environment. This effort dramatically evolved how Navy cryptologic information is shared, the coordination processes and capabilities analysts ashore and afloat use, and the speed in which tactically relevant information is provided to operational decision makers. These actions revolutionized cyber warfighting tactics, techniques and procedures.

McCullough expressed at the ceremony great reverence to the men and women at 10th Fleet who worked diligently to set the operational focus for the Navy's new cyber domain.

"The efforts of the Sailors at Fleet Cyber Command and in our subordinate command structure have put the Navy well in the vanguard of this huge undertaking, setting an example for all who work and operate in this new domain," said McCullough. "I can never thank them enough for their significant effort and accomplishments of the last 20 months."

At the heart of the ceremony, the formal reading of the official orders brought Rogers to the front where he expressed his admiration and appreciation for McCullough's numerous accomplishments.

"We live in challenging times that will call for the best in all of us. And there is no doubt based on what I have seen and what Vice Admiral McCullough has done in the last two years, we will meet that challenge. Admiral McCullough, I thank you for what you have done, not just for the last two years but over the course of your career," Rogers said.

*"(Cyber warfare is) a new challenge. The next major conflict, we are absolutely convinced, will start virtually. It won't be a kinetic strike."*

ADM Jonathan W. Greenert, CNO

In his speech, Rogers said that it is a privilege to take command from a superb leader and pledged to keep 10th Fleet focused on future challenges and opportunities.

"You've heard Vice Admiral McCullough and the CNO outline the challenges that face us today. For some it might be daunting, and there are many challenges ahead of us. But I would tell you in my experience that where there is challenge, there is opportunity. And we are going to exploit that opportunity," Rogers said.

Rogers, who previously served as Joint Chiefs of Staff Director for Intelligence, said the mission of 10th Fleet is to operationalize the cyber, networks, electronic

warfare, information operations and space domains to ensure the Navy maintains its operational advantage.

"Our job is to maintain dominance

in those areas at the time and place of our choosing and to forestall other's ability to do the same," Rogers said. "I am confident in our ability to do that, and I look forward to the challenges ahead."

In closing his speech, Rogers said he only demands and expects one thing of 10th Fleet.

"I promise you my best. You deserve nothing less, and I promise I will be there for you. I ask the same of each of you and I thank you in advance for that hard work and I also thank you for the hard work that has brought us to where we are today.

10th Fleet serves as the Number Fleet for FLTCYBERCOM and exercises operational control of assigned naval forces. The command coordinates with other naval, coalition and Joint Task Forces to execute the full spectrum of cyber, electronic warfare, information operations and signal intelligence capabilities and missions across the cyber, electromagnetic and space domains.

For more information on FLTCYBERCOM go to: <http://www.fcc.navy.mil/>

## NPS Offers MS Degree in Cyber Systems Operations

From Naval Postgraduate School

The Naval Postgraduate School recently approved a Master of Science (MS) degree in Cyber Systems Operations (CSO) and the first students started classes in fall 2011. The degree was established in response to U.S. Cyber Command, Commander 10th Fleet and Fleet Cyber Command, and a calling by postgraduates for a Cyber degree program that would provide military officers and select civilians with the critical skills necessary to support national and fleet requirements.

The objective of the MS CSO degree is to educate a cadre of officers to address a broad range of cyberspace operations – including Computer Network Attack/Defense/Exploitation, Information Assurance,

Planning, and more.

This is an 18-month program and requires an average grade point average of 3.44 out of 4.0. The curriculum is meant for 1810 officers (Information Warfare Officers), but is also approved for 1820s (Information Professional Officers) and 1830s (Intelligence Officers) 1800 as well. Junior officers interested in applying for the program should contact their respective detailers.

For more information contact CDR Owen Schoolsky, NPS Program Officer for Electrical and Computer Engineering, Applied Mathematics, and Cyber Systems Operations at: [omschool@nps.edu](mailto:omschool@nps.edu) or call (work) 831-656-2678, DSN 756-2678, (cell) 619-916-6292 or fax: 831-656-2760.

## Use of Taglines Prohibited in Email

By LT Rob Singer, NAS Oceana Staff Judge Advocate

We all have seen them. Some of us use them. Those witty, motivating, inspirational messages, quotes or personal creeds used as taglines on the end of a signature block in official government email. Some of us swear by them and may have been offended when someone said, "Shipmate, remove that tagline from your email. It is not authorized."

Well, if you have a shore-based navy.mil account through NMCI, that direction is spot-on.

Per guidance issued by Commander, Navy Installations Command (CNIC) last year, use of such taglines, regardless of content, is not permitted in official government emails. This policy is based on Joint Ethics Regulation 2-301, which requires Government electronic mail and internet systems to be used for "official" and "authorized purposes" only.

In other words, while you may properly use on a *de minimis* (minimal, lacking in significance)

basis, if you include a personal tagline in every email, you step beyond the *de minimis* level of use you are permitted under regulations. The Air Force and the Army have a similar policy. Formalization of this policy, within the CNIC enterprise, is forthcoming via a CNIC directive.

Finally, if you are a commanding officer of a ship, you are responsible for the IT system on that ship and, thus, set the policy when it comes to use of taglines unless higher authority directs otherwise. ✎

## Nominations for the FY2013 Director, NSA/Chief, CSS Fellowship Program

From the Director, National Security Agency

The National Security Agency/Central Security Service (NSA/CSS) is accepting nominations of intelligence/cryptologic officers in grades O-4 and O-5 for the FY2013 Director's Fellowship Program. The FY2013 fellowship program will run Aug. 15, 2012 - Aug. 15, 2013. The program offers participants an opportunity to work at the NSA/CSS corporate level and to gain a strategic perspective on NSA/CSS' core missions and support functions, leadership and the management of the global cryptologic enterprise.

The goal of the program is to provide the participants with high-level exposure to directorate leadership and management, overview of operations and mission watch centers, current issues affecting NSA/CSS enterprise and opportunities to observe decision-making processes at the highest levels. The objectives of the program are to:

- Enhance the professional development of high-potential, career military officers, so they are better able to serve in senior positions at NSA/CSS global cryptologic enterprise, joint or Service Cryptologic Component (SCC) operational commands, SCC headquarters, or to command one of the major cryptologic centers in the future;
- Provide an opportunity to make contributions to NSA/CSS and SCC goals via the direction of, or participation in an on-going program, project, or initiative;
- Promote a strong working relationship among NSA/CSS major resource authorities, the SCC and the intelligence and information assurance customers.

Eligibility criteria: career military intelligence/cryptologic officers in grades O-4 and O-5 who possess a record of sustained superior performance, demonstrated

high potential and outstanding leadership. Candidates must also possess a Top Secret SCI clearance and a current counterintelligence scope polygraph. The director's fellows will require access to very sensitive national security programs; accordingly, nominees should be pre-screened by the SCC's special security office for any potential issues (e.g. foreign national association, foreign national spouse). Any situations that required an assessment of mission impact statement should be coordinated with NSA/CSS associate directorate for security and counterintelligence office -- prior to a candidate's nomination. Candidates already serving at NSA/CSS Washington must have at least one year of their tour remaining at the beginning of the fellowship program.

Nomination and selection process: SCC commanders must submit nomination packages to the NSA/CSS office of military personnel. The nomination package will include the following items:

1. Memorandum of endorsement from the SCC commander,
2. Nominee's last three performance evaluation reports,
3. A standard biography, and
4. Consideration memorandum from the nominee (not longer than two pages) stating why they wish to participate in the director's fellowship program and outline their future career goals. Commanders should submit only one nomination.

The Director's Fellowship Program coordinator will consolidate the packages and forward the SCC commander's recommendations to the director for

final approval. SCC commanders will be notified of the selections via message traffic. The NSA/CSS office of military personnel will also be advised of the selections to ensure appropriate personnel actions are initiated through the service personnel commands.

The fellows will be assigned to the director's staff and will receive day-to-day guidance from a senior NSA civilian or their delegated representative. This senior civilian or representative will mentor the fellows, providing guidance and support in carrying out their projects and individual development plans. The fellows will be encouraged to take formal national cryptologic school training courses, participate in an on-going program, project or initiative in NSA/CSS directorate's mission and operations centers, attend senior-level meetings, briefings, conferences and discussions with senior leadership on key issues facing the cryptologic enterprise.

Once the fellows are selected, the NSA/CSS office of military personnel will coordinate with each candidate's parent service to ensure administrative matters have been completed and all NSA/CSS security requirements are met prior to the start of the fellowship program.

In order to take advantage of the summer rotation pattern, and allow time for in-processing prior to the start of the fellowship, selectees from outside the NSA/

CSS Washington area should report for duty no later than July 31, 2012.

The director's fellowship program manager will assume responsibility for the fellowship in-brief, planning/execution of the program schedule and scheduling meetings with director and deputy director.

Upon completion of the fellowship program, fellows will coordinate with the NSA/CSS office of military personnel and their sponsoring SCC to determine their post program assignment. For those fellows remaining at NSA/CSS, Fort Meade, MD at the conclusion of the fellowship program, assignments will be coordinated through NSA/CSS office of military personnel and local SCC unit command for assimilation into the NSA/CSS mission areas.

**NOMINATION DEADLINE:** Nomination packages must be received by the NSA/CSS office of military personnel no later than April 15, 2012. Nomination packages may be faxed (301) 688-2074 or emailed to Ms. Lorrie Fish, Director's Fellowship Program manager, SCI: [lpfish@nsa.gov](mailto:lpfish@nsa.gov), NIPR: [lpfish@nsa.gov](mailto:lpfish@nsa.gov), COMM: (301) 688-3080, NSTS: 963-7480; and LtCol. Michaela Greene, chief, MJ1 joint military personnel programs, SCI: [magree4@nsa.gov](mailto:magree4@nsa.gov), NIPR: [magree4@nsa.gov](mailto:magree4@nsa.gov), NSTS: 966-2095, COMM: (443) 479-4092. ✎

## 2011 Navy Now Forum Focuses on Information Dominance, Cyber Security

By MC3(SW) Mikelle D. Smith, Defense Media Activity

WASHINGTON, DC -- The fall 2011 Navy Now forum networking luncheon, at the Ronald Reagan Building and International Trade Center in Washington, D.C., Nov. 17, keyed on how Sailors defend, use and dominate the Navy's cyber domain.

Director of Program Integration for Information Dominance, RDML William E. Leigher, the guest speaker for the event, focused on the Navy's current and future endeavors in information dominance and cyber security, and usage of cyberspace as an operational tool.

"We are currently seeing a lot of conversions because handheld devices are allowing for easy access to cyberspace from almost anywhere on the planet," said Leigher. "The challenge for us right now is trying to secure that so we can use these smart devices in our environment, but also look for ways to attack it in a continual way."

During a question and answer portion of the luncheon, Leigher touched on many key topics to

include increasing awareness of integration of domains, as well as providing Naval forces with the ability for command control and freedom of navigation in cyberspace.

"When you look across cyberspace there are a few things that make it unique," said Leigher. "We attack and defend on exactly the same platform that our adversaries attack and defend on. You have to understand what that thin line is and make sure that we can assure security 24 hours a day, 365 days a year because without that we cannot operate effectively."

The event, sponsored by the Association of the United States Navy (AUSN), gives senior Navy officials and business leaders the opportunity to enhance and develop relationships that will strengthen current and future functions of the Navy.

"This is always a great opportunity for Navy and business leaders to gather together and chart out the future," said AUSN National President and retired RDML Timothy Moon. "Things like internet security



RDML William Leigher

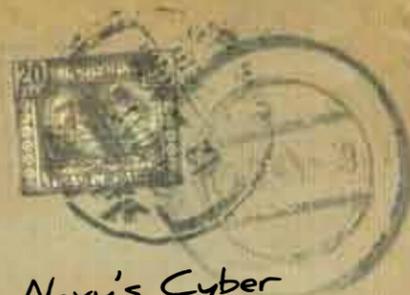
and Sailors benefits are under attack every day. We get our strength from the number of members we have advocating to protect the rights and benefits of the Navy and its personnel."

This was the fourth Navy Now forum. AUSN has been active since 1957, and their mission is to advance interests of all members of the Navy community by supporting personal and professional needs of Sailors. ✎

Official U.S. Navy Photo

# LETTERS FROM THE GROUND

Greetings from the Kingdom of Bahrain,



If you want to make a difference in the Navy's Cyber world, then come to Bahrain. Each and every day, information technology-skilled Sailors make a significant and visible difference to the operations of the U.S. Fifth Fleet, the Combined Maritime Forces, and other naval component elements throughout the Middle East theater.

If you've not served in Bahrain or have not been here in years, you're missing out some amazing progress in the Information Technology arena to support the "tip of the spear." Let me give you a few examples of how our dedicated and tech-savvy Sailors are making a difference.

One thing you'll notice about the Fifth Fleet area is that combined operations with coalition and partner nations are paramount to mission success. In addition to supporting the missions in Afghanistan and Iraq, there are several significant missions critical to forward presence, maintaining security for international commerce, counter piracy and

Graphic Illustration by MC1(SW) Joshua J. Wahl

maritime interdiction of narcotics and other illicit trafficking that are intended to prevent erosion of the global economy and regional security. It's no small task and the global community is counting on us.

Coordination of these missions among coalition and partner nations is both required and essential. The foundation for coalition and partner information sharing is the Combined Enterprise Regional Information Exchange System (CENTRIXS) that is operated and maintained by the U.S. Naval Forces Central Command (NAVCENT) Coalition Communications Division.

However, CENTRIXS is not something you can just go buy online or at a local electronics store. Based on the coalition partnerships and mutual operational interests, different enclaves of CENTRIXS are established to support information sharing for the cooperative mission and its partner nation membership. CENTRIXS is the network that enables Command and Control (C2) among coalition task forces. CENTRIXS' mover and shaker is the Combined Maritime Forces (CMF). While present on U.S. ships operating in theater, often it isn't a standard installation for most navies supporting the CMF but must be installed upon entry in theater.

If you like travel and want to work with your peers from over 25 international navies, then you need to be a CENTRIXS tech in Fifth Fleet. The team that keeps CMF humming in theater is led by LT Ehab Makhlof, a Navy information professional officer. Splitting time between technical issues and what is essentially described as being a part-time diplomat, Makhlof and his team have expertly supported Task Force 150, 151 and 152 operations through system installations and by NAVCENT Sailors maintaining the CENTRIXS equipment aboard coalition ships for four to six month deployments. Additionally, his team travels far and wide across the theater to deploy and maintain regional CENTRIXS capabilities with partner nation naval headquarters within the Gulf Cooperation Council (GCC) nations and Pakistan.

IT1 Anthony Williams and his compatriots not only expertly demonstrate their innovative skills conducting systems installations on partner nation vessels, but they also serve as U.S. Navy ambassadors while riding partner nation ships in support of regional exercises and Combined Task Force operations, such as counter piracy, maritime interdiction and exercises like Unified Shield. In 2011, 17 NAVCENT Sailors rode 12 partner nation ships and conducted 28 system installs, providing critical technical support in maintaining CMF capabilities. Their work connected the 26 navies, to include recent ship riding operations, with Thai and Japanese navies.

For Sailors here, there are no small tasks. Take for example, the 19 ITs and ETs assigned to work Information Technology for deployed aviation assets operating in the CENTCOM theater. They, and those before them, have been instrumental in designing and deploying a modern communications infrastructure to support vital air operations. All Communications Integrator projects for these deployed units fall under Navy LT Vianny Lambert-Santana, a Surface Warfare Officer who is "secretly" a Navy IP Officer, and Navy civilian Jim Dickerson. In conjunction with the Navy Region and NCTS Bahrain, the team is delivering ONE-Net, quality of life Internet and WiFi and other critical C2 capabilities.

ITC Sandra Shannon serves as the senior communicator



Two IT support team members adjust a communications receiver. (Official U.S. Navy Photo)

and N6 assisting the deployed units. She and her dedicated team of experts keep the information highway flowing. No phone rings, no email arrives, no logistics transaction takes place or Facebook posting happens without the tireless efforts of an IT support team.

Here you get to work with cutting edge technology, such as the latest PACSTAR telephone system — the first of its kind in the Navy — which delivers a low cost Voice Over Internet Protocol (VOIP) to meet emergent telephone needs. The IT team works with leading experts from Space and Naval Warfare Systems Command and Fleet Cyber Command to integrate robust IT solutions. If you want to see results and make a difference, taking an assignment to the NAVCENT communications engineering team or IT support team will certainly deliver beyond expectations.

When you absolutely have to have robust communications, even in the most remote location, who do you call? Well, of course, you call the Joint Mobile Ashore Support Terminal (JMAST) team of NAVCENT. CWO4 Reggie Pryor and his team of 16 ITs, ETs, OSs, LSs, CEs and CMs bring a tremendous amount of communications and networking capability for the command wherever ashore the mission calls.

JMAST provides robust satellite communications, unclassified and classified networking and a mobile command post for the Maritime Commander in theater.

Working in JMAST provides many unique opportunities. It could be responding to a natural disaster in theater like the earthquake in Pakistan or serving as the command post for a Fifth Fleet exercise.

What does the future hold for the JMAST team? For one, they'll soon be working with even more cutting-edge technology as the new Deployable Joint C2 (DJC2) capability comes into theater to replace JMAST. They'll also be looking forward to honing their networking and communications skills in support of Joint Task Force Crisis Response and many future Fifth Fleet exercises.

This is a sample of what the Navy's networking and information technology cadre does for NAVCENT, Fifth Fleet and CMF missions. Hard technical problems are no match for our Sailors here. It's a can-do group that delivers the "voice of command" each and every day for our commanders. If you think you've got what it takes, come join the Bahrain team.

# CIO's Network Tips

By LCDR Paul Dreher, FLTCYBERCOM

**EDITOR'S NOTE** – *Mild Mannered Mike (M3) has many years' experience from the early days of computers and is a recognized leader in the field of Information Technology and Cyber Security. M3 is known for practical IT solutions when it comes to dealing with the daily problems experienced in today's high tech environment. When confronted with inexperience, apathy or bad practices, he transforms into his alter-ego 'Network Man' who lives by the philosophy that if you give a person a fish you can feed him for a day, but if you teach him to fish you feed him for a lifetime.*

Mild Mannered Mike (M3) was sitting down to lunch at the food court. It had been a slow day with few calls from his Sailors for computer issues. As he was sitting at his table, he spotted a blue folder sitting on the chair next to him.

"What's this?" he thought as he picked it up to take a look. Inside the folder he saw evaluation reports for several Sailors. They were completely filled out, including signatures.

"This isn't right," he said looking around to see if anyone was returning for the folder. Looking further, he noticed that the Sailors were assigned to his ship!

"Who left all this Personally Identifiable Information (PII) here at the food court?"

Quickly finishing his lunch, he returned to the ship and went directly to the Admin Officer.

"I found this folder on a chair at the food court today" he said.

"What?" said the Admin Officer, opening the folder. "I was told these evals hadn't returned from the division yet. I'm so glad you found these so we can get them sent up to BUPERS for their records. Thanks for dropping them off."

"Wait a minute," said M3 as he transformed into his alter-ego, Network Man. "This is a very serious incident. This needs to

be reported and an investigation needs to be done to determine how these evals got to the food court. Our Sailors' identities could have been stolen, and that could have serious consequences for them. Just because I found these evals doesn't mean that someone didn't make copies and put the originals somewhere they would be found. Also, it is possible that their personal information could be used to make counterfeit ID cards or access badges."

"I hadn't thought of that," said the Admin Officer. "I was worried that we'd have to do them over, and then they'd be late getting to BUPERS. I remember the training that we had to do on NKO, but I really don't think about that while I'm working."

"Most people don't consider the consequences of losing PII," said Network Man. "We also need to be



concerned with PII on our computers and that our shared drive folders with documents containing PII are properly secured by removing read access to other users. PII should not be on Web Portals and other places that are visible to users who don't have a need to know. Don't leave documents with PII on your computer desktop or hard copies on your printer or fax.

"Let me get a PII coversheet for

these evals," said the Admin Officer. "Where can I find more information on reporting this?"

"The reporting process described in the DON CIO Message date time group: 291652Z FEB 08 and is available at <http://privacy.navy.mil>," said Network Man. "Let's go talk to the Security Officer. A command investigation will need to be done. The DON CIO will determine if we need to inform these Sailors. We may have to send a Unit SITREP message as well."

"There sure is more to losing PII than just getting the paperwork back," said the Admin Officer. "I never knew...." ✂

**The Office of Management and Budget defines Personally Identifiable Information (PII) as: Any information about an individual maintained by an agency, including but not limited to: education, financial transactions, medical, criminal or employment history. PII is also information that can be used to distinguish or trace an individual's identity, such as name, SSN, date and place of birth, mother's maiden name, biometric records, etc., including any other personal information that is linked or linkable to an individual. It is important to note that when most business-related PII is lost, stolen or compromised is not cause for submission of a PII breach report, nor is it normally the trigger for completing a privacy impact assessment.**

The DON CIO webpage at <http://privacy.navy.mil> is an excellent information source regarding PII and reporting procedures. It also contains helpful information on conducting compliance spot checks. Additional training is available on Navy Knowledge Online in the Information Assurance Awareness course and Personally Identifiable Information course.

If you have questions or suggestions for Network Man, please contact Toni Turbide at:

"NETWARCOM\_LTLC\_CIO\_NETWORK\_INTEGRATION@navy.mil"

# IA Sailor Applies Training & Bravery to a Shooter Situation in Kabul

By Jacky Fisher, CYBERFOR Public Affairs

Like many before him, IS3 Otto McNaughton's name came up in rotation for Individual Augmentee (IA) orders. Stationed in Norfolk, VA, at Fleet Intelligence Adaptive Force as an Operational Intelligence analyst, the IA ball started rolling in November 2010.

So like those before him, McNaughton underwent the usual training, a 45-day expanded combat skills training course at Fort Dix, NJ, to prepare for his nine-month stint in Afghanistan. Those undergoing this required IA training would consider it par for the course – small firearms, responding to riots/unrest and other weapons qualifications, just to name a few aspects. McNaughton had no idea how important this training would be during his IA tour.

Upon completion, McNaughton reported to Afghanistan as a member of a four-man Air Intelligence Officer Advisors team for the 438th AEAG (Air Expeditionary Advisory Group) at the Kabul International Airport.

Standard operating procedures called for McNaughton to carry a sidearm at all times while on duty, even though his normal course of duty didn't require using it. As an Air Intelligence Advisor, McNaughton would meet with a group of Afghan servicemen for mentoring on such topics as reading and speaking English as well as assisting in preparing a weekly Aircrew Threat Brief.

That changed on April 27.

That morning, McNaughton reported to KSPAN 1 for duty where more than 100 coalition forces, local nationals and contractors also worked. KSPAN 1 lies about 100 meters southwest from where the incident took place.

Open source media reported nine Americans, eight active duty Air Force personnel and one contractor died that day when an Afghan officer opened fire during a meeting at the Kabul airport.

"I heard gun shots that sounded close so I donned my gear and secured the door to the building," McNaughton said, recalling how he first became aware that something was wrong. "I eventually ended up outside and Major Hester ordered me not to let anyone get close to the buildings."

Air Force Maj. Che S. Hester, Officer in Charge, NATO Air Training Command-Afghanistan (NATC-A)/AEAG-J2 (Joint Intelligence) Advisor, gave the order to set a defensive perimeter in front of KSPAN 1. McNaughton then identified security gaps around two other buildings, KSPAN 2 and KSPAN 3.

"I placed the E-3 in a defendable fighting position with a good field of fire and proceeded to clear KSPAN-2," said McNaughton.

Armed with only an M-9 Beretta, McNaughton escorted three contract local nationals from KSPAN 2 to



(Left ) IS3 Otto McNaughton discusses a map of Afghanistan with airmen from the Afghan Air Force at Kabul International Airport, Kabul, Afghanistan. (Official U.S. Air Force Photo by Senior Airman Amber Williams)

the safety of a nearby bunker. Returning to KSPAN-2, McNaughton single-handedly cleared the common areas, the communication trailers and then moved on to the exterior of KSPAN-3. All that accomplished, he returned to the rear of KSPAN-1 and resumed his previously established defensive position alongside two other Sailors.

Security perimeters were set initially by six members of the U.S. Army, Navy and Air Force as well as an Airman from the Greek Air Force. Other coalition personnel soon joined the effort. For four hours McNaughton and the others stood their ground until directed to relinquish security operations to a Belgian Quick Reaction Force.

Falling back on the combat skills training he received at Fort Dix, McNaughton knew how to use his weapon and was comfortable with the fit and use of his gear.

"The pre-IA training was critical," said McNaughton. "It definitely reduced my anxiety level and reaction time and increased my confidence in being able to accomplish the mission I was assigned."

Hester described McNaughton's performance during this crisis as phenomenal.

"IS3 McNaughton has consistently proven his ability to assess a situation and decide on the right course of action. His actions that day are a testament to his courage under stress and dedication to his teammates," he said, "It's been an honor to have been his supervisor during these past nine months. He will definitely be missed when he rotates out."

"Thinking back on that day, I almost can't believe

... continued on Page 16



IS3 Otto McNaughton on patrol in the NATO Air Training Command-Afghanistan. (Official U.S. Air Force Photo by Senior Airman Amber Williams)

everything I saw," McNaughton said about standing guard in a real-world shooter situation for a sustained period of time. "The major instilled order in the midst of chaos with a snap of his fingers. Two Air Force technical sergeants (E6s) stood up a command post where almost 300 people were accounted for. And an Air Force master sergeant (E7), with weapons at the ready, ran into danger as others ran away. Every time I think about it, I wonder how they knew what to do."

This shooting incident, marked as the deadliest episode to date of an Afghan turning against his coalition partners, was later addressed by Army Lt. Gen. William Caldwell, IV, commander, NATO Training Mission/ Combined Security Transition Command-Afghanistan (NTM-A/CSTC-A).

Caldwell drew on a quote from President John F. Kennedy – "The path we have chosen for the present is full of hazards, as all paths are. The cost of freedom is always high, but Americans have always paid it. And one path we shall never choose, and that is the path of surrender or submission."

"The way to honor our fallen comrades is to continue with our mission here in Afghanistan," Caldwell said. "Their loss will only serve to make us more resolute in continuing to serve our respective nations with the same pride, commitment and zeal as each of our fallen warriors. This is what they would have wanted."

McNaughton's brave actions and rapid response were included in a recommendation for (CSTC-A) Blue Jacket Sailor of the Quarter, for which he was selected in July 2011. He was also recognized as Warrior of the Month for April and May 2011.

McNaughton's time in theater was scheduled to conclude in October. He will not soon forget the men and women of the 438th AEW (Air Expeditionary Wing) and how their performance on that April day was, in McNaughton's opinion, "above and beyond."

"Combat is not the mission, but they met and engaged the enemy without hesitation. They lost friends and coped with that loss and then returned to their jobs a few days later," said McNaughton. "I've learned so much from them and I consider myself fortunate and honored to be part of the 438th AEW." ✂



(Center) FORCM(AW/SW) Jay Powers, Navy Cyber Forces, and ISC Jesse Harrahill prepare to cut a cake at an awards ceremony aboard aircraft carrier USS Dwight D. Eisenhower (CVN 69) after the first Sailors in an information dominance rating qualified for their Enlisted Information Dominance Warfare Specialist (EIDWS) pin at a sea-based command. Eisenhower is currently in port in Naval Station Norfolk continuing preparations for an upcoming deployment.

Jan. 29, 2010, as part of the reactivation of the U.S. 10th Fleet at Fort Meade, MD.

"This has been a Herculean effort on the part of everyone involved, and will serve to benefit our afloat IDC Sailors both operationally and professionally for the long haul," said FORCM (IDW/AW) Jay Powers, Force Master Chief, Navy Cyber Forces.

After the program was established, there was a high level of interest in sea-based commands, said ISC (IDW/SW) Jesse Harrahill, coordinator of the Information Dominance Warfare (IDW) program aboard Ike.

"The EIDWS program is fairly new itself, but was initially developed for IDC concentration areas that were shore-based. After its introduction, they found there was also a large demand for the program out in the Fleet. So, they decided to bring it to the LHDs and CVNs first, as they are the largest at-sea platforms," said Harrahill.

When approached about developing a program for sea commands, the IDC leadership on IKE consulted with other shore commands and mirrored their program. Then, they put together a program using what the shore commands had and developed what was unique to the big deck platforms.

"One of the biggest challenges is the broad scope of the material,

which encompasses every facet of intelligence, cryptology and weather," said Harrahill. "Also, we wanted to make sure that we coordinated with other ships throughout the Fleet to develop a cohesive curriculum that can be utilized at many sea-based commands. The key takeaway for the program is that the Sailor will have a broader understanding of how all of the disciplines tie together to accomplish the mission, as well as realizing the value and importance of another rate's job and impact."

CT1(IDW/SW) Charles Kauwell, one of five Sailors to qualify for the pin aboard Ike, summarized what he learned while qualifying for the pin. "It definitely has broadened my sphere of influence," said Kauwell. "Though I have always known individuals from other areas in the IDC community, in the past I may not have known how we can work together. After completing this program, I will be able to seek out other people to assist in daily tasks. It has been eye-opening, and it is great that they are bringing it to the Fleet."

Kauwell said that he is excited to have his professional knowledge and expertise put to the test with the new qualification. "It is very exciting. Being inside the community for many years, we have put a lot of technical expertise into

supporting the warfare community but it hasn't been recognized to this point. Being able to bring that out to sea, much in the same way as the air and surface communities have done is phenomenal," said Kauwell.

Sailors who initially qualified for the pin aboard Ike showed a lot of initiative in studying and helping develop the program.

"Seventeen Sailors on this ship, with the support of other commands across the Fleet, helped to develop this program that will benefit the Fleet and greater Navy," said Harrahill. "The sheer amount of material for this program has led our Sailors to work on it whenever they can afford: during working hours, and after. A large majority of their studies have been conducted in their personal time."

Harrahill said it would not have been possible to bring the EIDWS program to sea commands without the support of everyone involved.

"It has been a tremendous honor to get this program up and running, and I couldn't have done it without the cornerstones of the program: the dedication and hard work of every one associated, and the tremendous interest and support from the Fleet," said Harrahill. For more news from USS Dwight D. Eisenhower (CVN 69), visit [www.navy.mil/local/cvn69/](http://www.navy.mil/local/cvn69/). ✂

# 'Ike' Qualifies Sailors in First Afloat EIDWS Program

Story & Photo by MC3 Nathan Parde, USS Dwight D. Eisenhower Public Affairs

**NORFOLK, VA** -- USS Dwight D. Eisenhower (CVN 69) (Ike) became the first large deck ship to qualify Sailors for the Enlisted Information Dominance Warfare Specialist (EIDWS) pin, awarded in an on board ceremony Nov. 7.

The first afloat pinning occurred in July, when Sailors from the U.S. 7th Fleet and USS Blue Ridge (LLC 19) earned their EIDWS pins as part of the 7th Fleet program.

The EIDWS and Information Dominance Warfare Officer (IDWO)

pins are the first new devices to be approved for the Navy since it rolled out the Expeditionary Warfare Specialty pin four years earlier. The warfare designation is an integral part of the Information Dominance Corps (IDC), which was established

Stories & Photos by George Lammons, NMOC Public Affairs

## FNMOC Re-Caps Multiple Leadership Changes

The last three months have been change of command season in Naval Oceanography; five commands changed leadership. Fleet Numerical Meteorology and Oceanography Center and the U.S. Naval Observatory are Echelon IV commands under the Naval Meteorology and Oceanography Command. Naval Oceanography Anti-submarine Warfare Center and Naval Oceanography Mine Warfare Center are Echelon V commands under Naval Oceanography Operations Command, which is an Echelon IV command under Naval Meteorology and Oceanography Command.

## Naval Oceanography Mine Warfare Center

CDR Chris Gabriel relieved CDR Matthew Borbash as commanding officer of the Naval Oceanography Mine Warfare Center (NOMWC). CAPT Van Gurley, Naval Oceanography Operations Command commanding officer, was the guest speaker.

Gabriel comes to NOMWC after serving on the staff of U.S. Africa Command.

## U.S. Naval Observatory

CAPT Tim Gallaudet relieved CAPT Scott Steadley as Superintendent of the U.S. Naval Observatory

(USNO). RDML Jonathan White, commander of the Naval Meteorology and Oceanography Command, was the guest speaker.

Gallaudet is the 53rd USNO Superintendent and is the first with a Ph.D. He came to the observatory from the staff of the Oceanographer of the Navy.

## Naval Observatory Anti-Submarine Center, Yokosuka, Japan

CDR Dominick A. Vincent relieved CDR John A. Okon as commanding officer of the Naval Oceanography Anti-submarine Warfare Center (NOAC) in Yokosuka, Japan. CAPT Van Gurley, Naval Oceanography Operations Command commanding officer, was the guest speaker.

Vincent arrived at Yokosuka after serving on the staff of the Naval Oceanography Operations Command as the Director of Oceanographic Operations for Expeditionary Warfare.

## Fleet Numerical Meteorology & Oceanography Center

CAPT Erika Sauer assumed command of Fleet Numerical Meteorology and Oceanography Center (FNMOC) from CAPT James Pettigrew. RDML Jonathan White, commander of the Naval Meteorology and Oceanography Command, was the guest speaker at a ceremony that also was attended by Rep. Sam Farr, RADM David Titley, Oceanographer and Navigator of the Navy, and Simon Chang, Superintendent of the Marine Meteorology Division of the Naval Research Lab.

Sauer assumed command after serving as FNMOC's executive officer.

## Miller Relieves Gaullaudet as Deputy Director of TFCC

CDR Tony Miller has relieved CAPT Tim Gallaudet as deputy director of the Navy's Task Force Climate Change (TFCC), under the direction of RADM David Titley, Oceanographer and Navigator of the Navy.

TFCC was established by the CNO in 2009 to assess the national security implications of the changing climate and to recommend policy, strategy, roadmaps, force structure and investments for the Navy. Since then, the task force has created an Arctic Roadmap and a Climate Change Roadmap that serve as five-year plans for the way ahead.

## Fleet Survey Team Works Joint Mission in Australia

A Fleet Survey Team expeditionary detachment consisting of Royal Navy and U.S. Navy Sailors worked with elements of the Royal Australian Navy Defense Geospatial Survey Team to survey landing beaches in Shoalwater Bay Training Area, Australia, in support of Talisman Sabre 2011, the biannual U.S.-Australian exercise.

The data and products generated from the survey were used to support the amphibious landing phase of the exercise, allowing U.S. and Australian planners to make informed decisions and improve the situational awareness and navigational safety for landing craft commanders. The two teams surveyed more than 4.5 km (2.7 miles) of beachfront.

## Fleet Survey Team Working in Albania

Fleet Survey Team (FST) conducted a hydrographic survey in the harbor of Durres, Albania, its approaches and anchorages in a cooperative survey with the Albanian government.

FST deployed a seven-person survey team and a 9-meter survey vessel for the mission, which included the collection of sounding data, tidal information and geodetics.

Durres, located on the Adriatic Sea, is one of Albania's major commercial ports and is home to the Albanian Hydrographic Service. Albanian hydrographers worked alongside U.S. Navy hydrographers.

The Albanian port was last surveyed in the early '90s by the Naval Oceanographic Office's HYCOOP survey branch, before Fleet Survey Team was established. The newly collected data will be used by the National Geospatial-Intelligence Agency (NGA), the U.S. charting authority, to update nautical charts to support U.S. vessels on port visits to Durres. The Albanian Hydrographic Service will use the data to update the Albanian charts.

## NAVOCEANO's Navigation Dept. Teams Up with Mexico

Elliot N. Arroyo of the Naval Oceanographic Office (NAVOCEANO) worked a month-long deployment with the Mexican Hydrographic Office (DIGAOHM) to provide training in all aspects of military hydrographic survey operations with portable multi-beam systems, fixed mount multi-beam and high-resolution digital



CAPT Jim Pettigrew, Naval Meteorology and Oceanography Command chief of staff (NMOC), negotiates the NMOC hallways as a blind man as part of National Disability Awareness Month at Stennis Space Center. Pettigrew was one of four NMOC staff members who spent four hours of a regular work day living with a disability. His was blindness.

side-scan sonar systems, including sensor mounting, system integration and survey operations, up to data deliverables.

The NAVOC Mobile Training Team program supervised the activity. The Office of Defense Cooperation at the U.S. Embassy in Mexico provided security assistance funding, supporting USNORTHCOM strategic objectives and Theater Security Cooperation goals in support of Counter-Illicit Trafficking and Safety of Navigation.



AG3 Dustin Brashears and AGAA Mike Owen of Stennis Space Center explain NOMWC's REMUS unmanned underwater vehicle to visitors during the center's 50th Anniversary celebration picnic. NOMWC uses the REMUS vehicles in its mine warfare operations.

## Center for Information Dominance Stands Up 2 New Commands

By CID Public Affairs

**PENSACOLA, FL** – In a move to make Navy Information Dominance training more effective, the Center for Information Dominance (CID) officially stood up two new commands Nov. 14.

The request for the new commands – the Center for Information Dominance Unit (CIDU) Corry Station and CIDU Monterey – was approved by the Secretary of the Navy (SECNAV) Ray Mabus Oct. 31 and announced by CNO, ADM Jonathan W. Greenert the same day.

According to the message from the CNO, the reason for the establishment of the new commands was in response to the “expanded size of the detachment and assigned cyber training mission.”

This action disestablishes the two largest detachments within the CID Domain: CID Detachment (DET) Corry Station and CID DET Monterey.

Annually, CID Unit Corry Station, based at Corry Station in Pensacola, FL, is responsible for training approximately 9,000 Navy and Joint Cryptologists, Information Systems Technicians and Information Warfare and Information Professional officers while CID Unit Monterey, based at the Presidio in Monterey, CA, is responsible for the training of approximately 1,200 Cryptologic Technicians (Interpretive) and Foreign Language Officers.

CID Commanding Officer CAPT Susan K. Cerovsky, during her remarks at the stand up ceremony for CID Unit Corry Station, compared the shore-based commands to that of a newly-commissioned ship.

“The plank owners here at CID Unit Corry Station and at CID Unit Monterey can be justifiably proud to be part of the fine unit that we’re about to establish,” she said.

Cerovsky then quoted former CNO ADM Gary Roughead, who codified his philosophy on the personal attributes that prospective Navy commanding officers must possess: “All commanding officers and others in authority in the naval service are



(Left to right) CID Commanding Officer CAPT Susan K. Cerovsky congratulates CDR Luciana Sung on being named commanding officer of CID Unit Corry Station. (Photo by Gary Nichols)

required to show in themselves a good example of virtue, honor, patriotism and subordination; to be vigilant in inspecting the conduct of all persons who are placed under their command; to guard against and suppress all dissolute and immoral practices, and to correct, according to the laws and regulations of the Navy, all persons who are guilty of them; and to take all necessary and proper measures, under the laws, regulations and customs of the naval service, to promote and safeguard the morale, the physical well-being, and the general welfare of the officers and enlisted persons under their command or charge.”

“These words have true meaning. We all need to believe in them. We all need to practice them,” Cerovsky

said. “You are definitely in capable hands and I am most humble today to be able to pin CDR Luciana Sung as one of my commanding officers within the Center for Information Dominance domain.”

In June 2011 Sung reported to Cerovsky as her executive officer and officer in charge of CID DET Corry Station.

“Today is a historical day and all of us are part of it,” Sung said. “We are now a command and you should be very proud. Thank you for all of your hard work and dedication.”

In January 2010 LCDR Thor Martinsen assumed duties as officer in charge of CID DET Monterey.

Like his instructors and their linguists-in-training, he is fluent in a second language. He has also seen

several name changes at CID.

As the newly-appointed commanding officer of CID Unit Monterey, he welcomed friends and guests to the stand up ceremony at the Presidio. He also noted the command’s metamorphosis as both its name and focus has changed to adapt to its evolving mission.

“Our Navy presence at the Defense Language Institute dates back to February 1976, and while our name has changed multiple times during our 35 year history, our mission of training the very best Navy

linguist and fleet-ready Sailors has remained consistent throughout. I am confident that this proud legacy of excellence will continue with our new command,” Martinsen said. “It has been a privilege to serve as the CID Detachment Monterey Officer-in-Charge, and it’s a great honor to be able to continue to serve as the first Commanding Officer of Center for Information Dominance Unit Monterey.”

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 Corry Station 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 Corry Station provides training for approximately 24,000 members of the U.S. Armed Services and allied forces each year. ✎

## Area Students Learn Skills, Self Respect Through Saturday Scholars

By ENS Lauren Mintz, CID Public Affairs

**PENSACOLA, FL** – A group of 56 students from Ferry Pass Elementary School in Pensacola, FL graduated from the 53rd Saturday Scholars session at the Center for Information Dominance Unit (CIDU) Corry Station Oct. 15.

In 1985, Corry Station was one of the first commands involved in the pilot program for Saturday Scholars.

Today, Corry Station continues to host what has become the longest continuously running Saturday Scholars program in the Navy.

This ongoing program provides an incredible opportunity for military personnel to directly impact the community’s youth.

Twice a year, joint service members from CID Unit Corry Station participate in six-week long sessions, with each session targeting a different elementary school in the Escambia County School District. Then the service members are paired with 3rd through 5th grade students they will mentor for the remainder of the session.

This mentoring relationship is the foundation and heart of why the Saturday Scholars program is so successful. The military personnel are not only able to help the elementary students with their academic goals, but they also act as role models for these young students.

“The students often come from homes with poverty and instability,” Debbie King, Escambia County School District Coordinator for Community Involvement Programs, said. “When a group of children walk into a room to meet their mentor, they are in awe of the uniform and presence of the military service members.”

The military volunteers help the students with several core subjects, which include math, reading and computer lab skills.

The five Saturday Scholars sessions are 4 to 5 hours each, and conclude with a graduation ceremony on board Corry Station: that’s 24 hours of one-on-one tutoring that can help the children succeed later in school.

Ferry Pass Vice Principal Kathy Ray said the greatest contribution of the Saturday Scholars program was the difference she noticed in the self-esteem of the students who participated in the program.

“Kids who barely spoke before didn’t stop talking the whole time they were with the mentors,” Ray said. Saturday Scholar Mentor ITSN Stephanie da Silva said the impact the program had on the children was impressive.

“I noticed a huge difference in the way a lot of the children interacted with each other,” da Silva said.

“Now they are more open to receive help and become

friends with people outside of their age group.” CID Unit Corry Station’s Saturday Scholars Program

Coordinator CTTC Jacob Wilson said that it just wasn’t the elementary students who benefited from the

program, either. “I believe it does just as

much good, or more good, for our military members than it does for the students,” Wilson said. “Participating as a mentor in Saturday Scholars gave me a chance to brush up on my leadership skills,” da Silva said. “Plus, I learned how to work with a younger group of people.”

The community has recognized CID Unit Corry Station for its valuable contributions through this program.

The command was the recipient of the 2010 Annual Commissioner’s Business Recognition Award. The Florida Department of Education bestows this prestigious award to only two businesses per county each year.

“I expected the program to be good, but not as good as it was. It is an awesome program. I was blown away by it,” Ray said. ✎



# Corry Station Run Honors Slain Sailor

## 800 participate in Tyler Jefferson Memorial 5K Run

By Gary Nichols, CID Public Affairs

**PENSACOLA, FL** – The Center for Information Dominance (CID) Corry Station hosted a 5K memorial run Nov. 5 at Naval Air Station Pensacola Corry Station to honor Seaman Tyler Jefferson.

Jefferson, an Information Systems Technician “A” school student at CID, was shot several times while jogging through a residential neighborhood not far from Corry Station in November 2009.

Tragically, she was killed just one week before her scheduled graduation.

More than 800 runners and walkers, both civilian and military, arrived early Nov. 5 to participate in the first-ever Tyler Jefferson Memorial 5K Run.

The participants ranged in age from 5 to 65, and they all turned out for a day of camaraderie and to honor the memory of the slain Sailor.

“What happened to Tyler was a tragedy,” CID Commanding Officer CAPT Susan K. Cerovsky said. “It’s our hope that this run will help raise awareness about this horrific act and the proceeds will aid in the resolution of this unsolved case.”

Jefferson, a native of Tyler, TX, was 18 when she joined the Navy.

“She loved being in the Navy,” Jefferson’s mother, Dachel St. Mary said. “She didn’t deserve to be shot down in the street.”

A simple wooden cross now marks the spot at the corner of Beech and 49th streets where Jefferson died, alone on that cold November night two years ago.

Halfway through the run, participants dropped flowers in front of the two-year-old shrine.

Some service members stopped, knelt and prayed for a few moments before rejoining the crowd of runners. Others stopped to hug St. Mary, who with tears streaming down her cheeks, waved and cheered the passing runners.

“When I hug these recruits it’s like I’m hugging her over and over again,” St. Mary said, while wiping



(Inset) ITSN Tyler Jefferson. (Left) ITSN Kevin Young, an “A” school student, and Robert Snyder, 15 of Milton, FL sprint for the finish line during the first-ever Tyler Jefferson Memorial 5K Run at Corry Station. (Photo by CTR1(SW) Joshua Pugh)

tears from her face.

Race coordinator AOC Peter VanNimwegen said he was grateful to the Navy for allowing the race to start and finish at the base. However, he said the real credit for the success of the race went to all the volunteers from the Corry Station Chief Petty Officers Association (CPOA) who put in many long hours to help make the race a success, and the sponsors who contributed money for the reward fund.

VanNimwegen said the original sponsors – Gulf Winds Federal Credit Union (FCU), Pen Air FCU, Harvesters FCU, Retired CT CPOA, Navy Federal Credit Union, ATS Coffee Mess, Karen Wallace, Pensacola CPOA and Corry CPOA – raised more than \$20,000 in reward money shortly after Tyler’s death two years ago.

Since then, some funds have trickled in to Crime Stoppers. But the proceeds from the Tyler Jefferson Memorial 5K Run added a much hoped-for boost.

“Everybody worked together for

a common purpose and everything went really well,” VanNimwegen said. “We don’t have a final number yet, but our estimation is that we raised nearly \$11,000 from our run, which will increase the reward fund to around \$35,000.”

The Tyler Jefferson Memorial 5K was sanctioned by USA Track and Field. It was sponsored by the Pen Air FCU, Corry Station CPOA, Navy Recruiting Orientation Unit, Pensacola Runners Association, Escambia County Sheriff’s Office, Navy League, Buffalo Rock, Wings N Things, The Coffee House, Bagel Heads, Pete Moore Chevrolet, A & K, Running Wild and Gulf Coast Trophys.

The overall winner was Aviation Electronics Technician Intermediate Strand “A” school student Airman Sean Steale, 19, of St. Thomas, U.S. Virgin Islands, who crossed the finish line with a time of 18:30. The first female to finish the race was Information Systems Technician “A” school student Seaman Erika Bortree,

20, of Pensacola, with a time of 21:23.

The entire CID command suite – the command master chief, executive director, executive officer and commanding officer – ran in the

race. Two of the four won in their age group: CID Commanding Officer CAPT Susan K. Cerovsky ran the 5K with a time of 24:37, while CID Executive Director and retired Navy CAPT Mike Fair ran his 5K in 32:31.



More than 800 runners and walkers took off on Nov. 5 at the start of the first-ever Tyler Jefferson Memorial 5K Run in front of the CID headquarters building on board Corry Station. The 5K race was sponsored by the Corry Station CPOA. (Photo by Gary Nichols)



CTR1 Charles Bradford, an instructor at CID Corry Station, drops a flower at a shrine at the corner of 49th and Beech, where Jefferson was shot and killed. (Photo by Gary Nichols)

# MCPON Visits Monterey Sailors

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

**MONTEREY, CA** – Master Chief Petty Officer of the Navy (MCPON) visited with Sailors assigned to Center for Information Dominance Unit (CIDU) Monterey during an All Hands Call Nov. 8.

“I was very impressed as I walked out this morning to see a sea of blue,” MCPON (SS/SW) Rick D. West said. “You’re looking good, you’re looking sharp, and I appreciate that.”

Nearly 650 Sailors from CIDU and Naval Postgraduate School attended the event.

“There’s a lot of movement within our Navy,” West said. “Our presence is forward deployed and our Sailors are out there doing the J-O-B. We’re out there, we’re engaged, and we’re doing what we need to do as a Navy.”

West spoke to the Sailors about the Navy’s engagements around the world, the magnitude of commitment that is required of all Sailors, and his expectations of them.

“I expect all of you to be a little bit sharper, to walk with a little more spring in your step, to stay out of trouble, to stay focused, and don’t lose this opportunity by getting yourself in trouble doing the wrong thing,” West said.

After the All Hands Call, Sailors expressed their appreciation for West taking the time to visit them.

“I deeply appreciate him leading the call to visit the Defense Language Institute,” SN Oneka Borders said. “I believe this is a training command with unique challenges



MCPON Rick D. West talks with Sailors stationed at the CID Unit Monterey and Naval Postgraduate School.

that the MCPON was able to directly address.”

“MCPON West was an amazing speaker,” SN Randy Cortes said. “He was approachable, gave great advice, and brought the command together as a whole.”

“The biggest thing I took away is how important my job is to the fleet,” SN Gheorge Cormos said. “It made me realize that the mission of CIDU is of such great importance that the MCPON himself came to visit and observe our training here.”

# THROUGH THE LOOKING GLASS

## CROSS DETAILING IN THE INFORMATION DOMINANCE CORPS

Photo Illustration by Michael J. Morris

would play a key role in the future of warfare, but the future is here.

Today, the IDC is cross detailing officers in senior leadership positions to create better understanding across the communities and build stronger leadership skill sets for exploitation of the electromagnetic spectrum and networked warfare. IDC is able to capitalize on its strengths by making the connection between our community-specific, real-time, knowledge-based services.

The combination of potential synergies between the operational intelligence cycle and the value of accurate weather prediction on radio frequency wave propagation characteristics can exponentially increase the value of our counter Intelligence, Surveillance and Reconnaissance (ISR) operations and electronic warfare non-kinetic effects. Defensive Computer Operations and Defense of the Global Information Grid Operations are meaningless without a better understanding of the threat environment from Counter Intelligence to the STUXNET worm.

Cross detailed IDC officers are critical warfighters in any position. In partnership with our best and brightest IDC community leaders, we are preparing today's cross detailed leadership for tomorrow's challenges. Experienced IDC officers are working with cross detailed officers to develop new skill sets. This isn't about fighting with your best weapon. It's about fighting with all of your weapons.

The Commanding Officer of Naval Computer and Telecommunications Station (NCTS) Jacksonville, CDR Rick McCartney, should know. His executive officer (XO) is a cross detailed Information Warfare officer.

"LCDR Kuzniewski has done a fantastic job as our executive officer," McCartney. "He brings both high-level staff and recent operational fleet experience to our command. NCTS JAX is reaping the benefits of his unique background."

Being the first cross detailed officer at a command hasn't been easy. Each IDC community has developed its own way of doing things. It's a lot like wearing brown shoes to a black shoe party. There will always be a few traditionalists who want to resist change, but the train has already left the station.

Oddly enough, these are exactly the kind of assignments that senior Unrestricted Line (URL) officers have been filling all along. For instance, when one look is at Naval Personnel Command have you ever thought, "What makes an aviator or a ship driver better equipped to lead a human resources organization?"

If you said that it's more important to have naval leadership experience, then you would be on the path to understanding what cross detailing brings to your

command. Every cross detailed IDC officer has been hand-selected by a Flag panel with admirals from all of the IDC communities getting a vote.

New opportunities are opening up for the IDC every day. IDC Flag officers are currently serving on the Navy staff and commanding a numbered fleet. For the first time our cyber communities have a seat at the table along with the traditional URL warfare commanders. By merging our individual information communities into the IDC, we now have substantial operational significance and increased leadership opportunities.

Some have suggested that it may be possible to cross detail Senior Enlisted Leaders. This seems like a no brainer. One thing is for certain – we need to start the beta test now.

"The primary duty of a senior enlisted leader is taking care of Sailors," according to ITCM(SW) Frank Cannizzaro. "I can represent Sailors in any community, but cross detailing me to another IDC community would provide me with insights into the needs and issues that matter most to those Sailors."

The IDC is going to need talented Master Chiefs to provide leadership and experience for Fleet Cyber Command, 10th Fleet and Navy Cyber Forces. The more exposure our Senior Enlisted Leaders have had across our

communities, the better prepared they will be to meet the IDC challenge.

Not all of our personnel are being recognized as members of the IDC. Every NCTS and Naval Computer Telecommunications Area Master Station (NCTAMS) has an Electronic Maintenance Officer department head. These valuable LDOs are not being recognized for their contribution and neither are the huge support teams of enlisted ETs that keep the hardware running.

Whether you're serving out of your element as a Communications Officer, an Information Warfare Commander or Fleet Intelligence Watch Officer, cross detailing can energize your career and equip you with the tools to succeed in any situation.

An XO job is an XO job at any command. A cross detailed assignment does not have to be a stand-alone milestone tour. It can be combined with community-specific career tracks to get two birds with one stone.

At the end of the day, every commanding officer hopes for an executive officer who is hard working and dedicated to taking care of Sailors and the command," said CDR McCartney, "That's what I was hoping for and that's exactly what I got."

For more information on cross detailing opportunities, visit your detailer at [www.public.navy.mil/bupers-npc](http://www.public.navy.mil/bupers-npc).

By LCDR Jeff Kuzniewski,  
Executive Officer NCTS Jacksonville

**JACKSONVILLE, FL** – Providing leadership for the 44,000 Sailors of the Information Dominance Corps means you have to be ready to step outside of your comfort zone.

The Information Dominance Corps (IDC) includes the enlisted rates AG, CTI, CTM, CTN, CTR, CTT, IS and IT; the officers from the Meteorological, Information Warfare, Information Professional, Intelligence and Cyber Warfare Engineer communities; Limited Duty Officers (LDO) and Warrant Officers; and certain designated civilians. Collectively, IDC represents the Navy's preeminent warfighting capability for information superiority. It used to be fashionable to say that information dominance



(Left to right) IT2(SW/AW) Kivia Hammock and ET3 Andrea Hostetter demonstrate technical capabilities to LCDR Jeff Kuzniewski. (Photo by ET2(SW) Tyler Kirkland)

# Program Continues to Focus on ID in War & Peace

Compiled by **CYBERFOR Public Affairs**

The essence of 19th and 20th century naval warfare was firepower and maneuver – Naval victories over the years at Trafalgar, Jutland, Yankee Station and Desert Storm demonstrate the use of firepower and maneuvering against the opponent.

But, in the 21st century, the Navy must also be able to apply force, deter piracy or deliver humanitarian assistance rapidly and across the globe. To achieve this, the Navy relies on services delivered with a host of satellites it operates or uses in Earth orbit, and Naval Network Warfare Command (NETWARCOM) is responsible for ensuring this system works.

“Ships will perpetually maneuver on the seas, but Sailors continue to, and are increasingly adept at, maneuvering through the information domain,” said CDR Ken Bates, Navy Cyber Forces (CYBERFOR) assistant space cadre officer. “The Space mission and the Navy Space Cadre are key players in

the Navy of tomorrow.”

The Navy’s first satellite was the second U.S. satellite in space, Vanguard 1, launched in March 1958. The first U.S. satellite, Explorer 1, flew in January 1958, three months after Sputnik 1. Vanguard I, launched with a civilian rocket under the guidance of the Navy Research Lab (NRL), is dormant and still sails around the earth as the oldest artificial object in orbit.<sup>1</sup>

NASA, formed a few months later, oversees the vast majority of scientific research in orbit, but the Navy’s Space Cadre continues to explore how the military can benefit from space.

The Navy Space Cadre is 1,300 officers, enlisted and civilians. The Cadre includes personnel who either serve or have served in Space-related billets. Some are or have been Navy astronauts who earned advanced degrees in Space Systems Engineering or Operations from the Naval

Postgraduate School, or have attended specific training from joint or national Space activities. Most recently, CAPT Mark Kelly, commander of STS-134, and CAPT Steve Bowen, STS-133, who both administratively answer to CYBERFOR, are members of the Navy Space Cadre.

There are approximately 300 Space-related billets across the Navy in the four main pillars of Navy Space: Requirements, Science and Technology/Research and Development, Acquisition and Operations. Every echelon of command, Numbered Fleet staff and various other activities are represented among these billets.

The Navy’s primary space responsibility is for satellites that communicate with narrow band (NB): eight UHF Follow On and two Fleet Satellites. The Space Cadre also operates two polar orbiting satellites. These satellites fall under the U.S. Strategic Command mission, but are operated by

the Navy.

Space Cadre personnel are primarily stationed at NETWARCOM and CYBERFOR on Joint Expeditionary Base Little Creek, VA, but portions of the cadre work at Naval Surface Warfare Center, Dahlgren, VA; National Reconnaissance Office, Chantilly, VA; Naval Special Warfare Command, Point Mugu, CA; Joint Functional Component Command for Space, Vandenberg AFB, CA; and U.S. Strategic Command, Omaha, NE.

The Navy Space Cadre includes:

- Fleet Cyber Command and U.S. 10th Fleet, the operational commander for the Navy’s space program.
- NETWARCOM is the operational arm of Navy Space. Part of NETWARCOM’s mission statement is to “leverage Joint Space capabilities to deliver Information Dominance for Navy and Joint operations.” NETWARCOM’s Space Cadre provides support information, coordinates future operations and training and Satellite

Data Products to all Carrier Strike Group and Amphibious Ready Group staffs.

- CYBERFOR, the Navy Type Commander for Space. Specific roles include Space Manpower, Space readiness, Space training and Space Equipping.
- Commander, Program Executive Office Space/ SPAWAR Space Field Activity, the acquisition community lead.
- Deputy Commander, U.S. Strategic Command’s Joint Functional Component Command Space, the senior Navy flag officer serving in joint duty.
- Deputy Chief of Naval Operations (DCNO) for Information Dominance (N2/N6) or his representative providing oversight and guidance to the Navy Space enterprise. The principal lead in the N2/N6 staff is the Director, Maritime Domain Awareness and Space (OPNAV N2/N6E). The Navy Space Cadre Advisor

also serves on the staff of the N2/N6.

The main missions of the Navy’s space program are Satellite Communications (SATCOM); Position, Navigation and Timing (PNT); Intelligence, Surveillance and Reconnaissance (ISR); Missile Warning (MW); and Environmental Monitoring (EM).

While SATCOM-delivered Internet Protocol services are the most abundant and generally most recognized, all five of the above missions are critical to the success of afloat maritime forces.

Specifically, PNT services – more commonly recognized through the Global Positioning Service constellation – are critical to navigation, timing and synchronization.

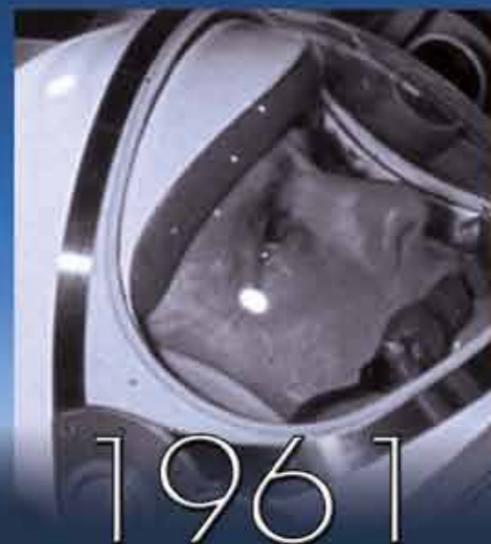
Overhead ISR systems provide critical, time sensitive information to afloat commanders as well as having filled disaster relief and humanitarian assistance applications for efforts in Haiti, Japan and Thailand.

MW information has become a critical enabler of the Navy’s evolving role in Ballistic Missile Defense (BMD).

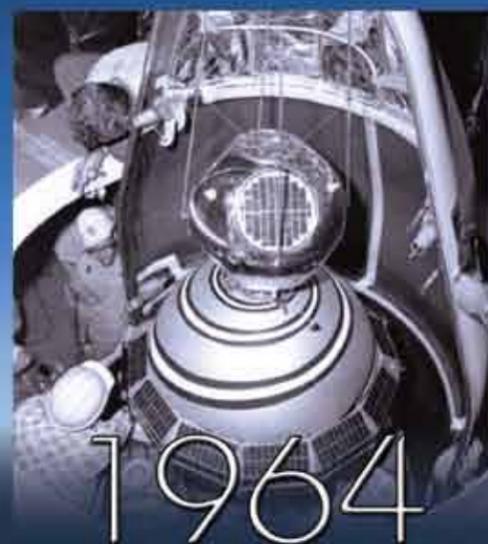
EM continues to provide highly accurate meteorological and weather data for sustained global operations.



1958



1961



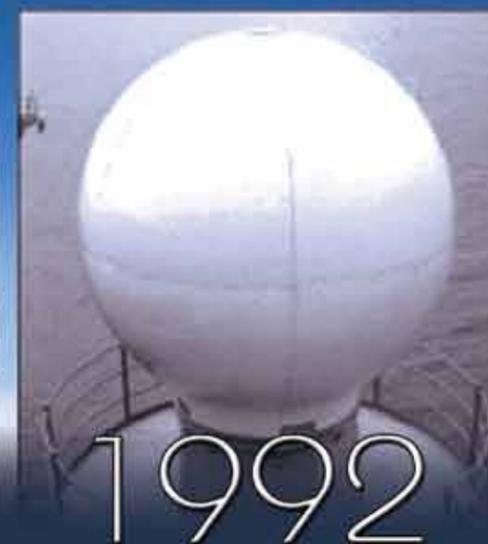
1964



1981



1983



1992

## Photo Illustrations by Michael J. Morris

Chief of Naval Operations (CNO), ADM Jonathan W. Greenert's charge to the Fleet – "Warfighting first, operate forward and be ready" – epitomizes the application of space effects to the maritime commander. Support from Space systems is required for daily operations – whether in conflict or in peace – and the global application of space drives the ability to operate forward in the highest state of readiness.

The Navy Space Strategy is a biannual issuance from the CNO's office directing the Navy's course in the application of space systems to the maritime warfighter. The 2011 Strategy reiterates the Navy's continued focus on Space and the enabling factors of Information Dominance achieved through Space.

Part of that strategy involves ballistic missile defense (BMD). Secretary of Defense Leon Panetta announced in October that four Aegis class cruisers and destroyers would be forward deployed to Naval Station Rota, Spain in a BMD role. They also will support the European Phased Adaptive Approach. The potential of the program was demonstrated Feb. 23, 2008, when USS Lake Erie (CG

70) destroyed a dormant U.S. satellite to prevent its potential for damage should it strike over a populated area.<sup>2</sup>

"With four Aegis ships at Rota, North Atlantic Treaty Organization (NATO) is significantly boosting combined naval capabilities in the Mediterranean, and enhancing our ability to ensure the security of this vital region," Panetta said. "The United States is fully committed to building a missile defense capability for the full coverage and protection of all our NATO European populations, their territory and their forces against the growing threat posed by ballistic missiles.

"These ships will also support NATO's critical efforts to build effective missile defense," Panetta said.

CYBERFOR and NETWARCOM's space programs are closely involved with BMD.

"The essence of the 21st century Navy's mission is to be flexible in providing commanders with Navy and Marine Corps assets to conduct any mission, anywhere on the globe," Bates said. "In order to achieve this, the Navy is critically reliant on space for information and intelligence as well as our connection to the

Global Information Grid through Navy satellites."

<sup>1</sup>On March 17, 1958, the program successfully launched the Vanguard satellite TV-4, which achieved a stable orbit with an apogee of 3,969 kilometers (2,466 mi) and a perigee of 650 kilometers (404 mi). It was estimated that it would remain in orbit for at least 240 years, and it was renamed Vanguard 1, which remains the oldest human-made satellite still in orbit. In late 1958, with responsibility for Project Vanguard having been transferred to NASA, the nucleus of the Goddard Space Flight Center was formed. (<http://www.nrl.navy.mil/pao/pressRelease.php?Y=2008&R=6-08r>).

<sup>2</sup>USS Lake Erie launched a Standard Missile-3 at a non-functioning National Reconnaissance Office satellite as it traveled in space at more than 17,000 mph over the Pacific Ocean, Feb. 23, 2008, according to an American Forces Press Service release (<http://www.defense.gov/news/newsarticle.aspx?id=49058>). ✂

# Navy Space Dateline

- 1958 - Naval Research Lab (NRL) launches Vanguard 1, the oldest artificial satellite still in orbit.**
- 1960 - GRAB (Galactic Radiation and Background) – world's first ELINT (electronic intelligence) satellite launched by NRL.**
- 1961 - Navy CDR Alan Shepard becomes first American (second human) in space aboard Freedom 7. Four of the first six Americans in space were Navy or Marine Corps pilots.**
- 1961 - Naval Space Surveillance System (NAVSPASUR) – "the Space Fence" - commissioned at Dahlgren, VA, a multistatic radar system that tracks objects in space as they pass across the southern U.S.**
- 1964 - TRANSIT satellite program established – first Navy satellite navigation system and forerunner of GPS.**
- 1970's - NRL develops the atomic clock.**
- 1977 - Navy TENCAP (Tactical Exploitation of National Capabilities) office established.**
- 1981 - First Space Shuttle flight, STS 1 (Columbia) launches, commanded by Navy CAPT John Young.**
- 1983 - NAVSPACECOM (NSC) established.**
- 1989 - Naval Observatory starts providing precise time measurements.**
- 1992-1994 - Challenge Athena program begins transmitting/receiving imagery and communications (telephone services) to Navy aircraft carriers.**
- 1993 - NSC & NAVSPASUR merged.**
- 1996 - Conclusion of the TRANSIT program.**
- 2001 - Space Commission chaired by SecDef Rumsfeld highlights critical needs and shortcomings in Space. Congress passes Title 10 USC 490 mandating Service Space Cadres.**
- 2002 - NSC merges into Naval Network and Space Operations Command (NNSOC).**
- 2003 - Dr. Bradford Parkinson (USNA '57) awarded Draper Prize as the "father of GPS".**
- 2004 - NAVSPASUR Fence transitioned to the USAF 20th Space Control Squadron.**
- 2006 - NNSOC merged into NETWARCOM.**
- 2008 - Operation Burnt Frost – USS Lake Erie (CG-70) destroys defunct U.S. satellite to prevent potential environmental damage.**
- 2011 - Final Space Shuttle flight, Atlantis, piloted by retired Navy CAPT Christopher Ferguson from the Space Cadre. Atlantis lands one day after the 42nd anniversary of man's first walk on the moon by former Navy pilot Neil Armstrong.**



# NEW TOOL FOR NCMO



## From Naval Circuit Management Office

The Naval Circuit Management Office (NCMO) has developed the Circuit Information Management Tool Set (CIMTS) to function as the central data repository for all naval circuits. This tool streamlines processes, complies with data center consolidation efforts, promotes efficient bandwidth usage, provides real time engineering and financial circuit data, and can continually be adapted to meet the ever changing needs of the telecommunications management community in support of the warfighter.

As the manager of the naval long-haul leased terrestrial connectivity program, the Naval Office of Record (OOR) for circuit inventory and the operational authority for the Navy Network Information Center (NNIC), the NCMO is reliant upon access to valid data to make strategic, well-informed provisioning and funding decisions which directly impact the warfighter.

Until the development of CIMTS, the NCMO managed the inventory of approximately 68,000 circuits by pulling and analyzing vast quantities of information from disparate Defense Information Systems Agency (DISA) and Department of the Navy (DON) databases. With the implementation of CIMTS, the NCMO can now access information via a single data interface resulting in the ability to allocate its resources more strategically, streamline processes, and most importantly, provide improved service to the warfighter.

CIMTS was built in modules using an agile software development approach, thus allowing users access to the tool while still developing the final software product. The current capability has modules that allow

the NCMO to execute its circuit validation and Defense Information System Network (DISN) Subscription Site (DSS) analysis functions. Through the validation functionality, CIMTS automates the process to collect information about each circuit that is requested and accelerates the validation of the technical requirements to ensure the request meets the policy and guidelines put forth by Navy, DISA and DoD. It enhances circuit provisioning and life-cycle management of all DON leased terrestrial connectivity by combining the financial and engineering information related to each circuit in a centralized data store functioning as a central circuit inventory.

Future planned capabilities include metrics and reporting from the CIMTS centralized inventory that will be used to review and assess opportunities for cost reduction and to identify bandwidth usage efficiencies. Additionally, it will provide NCMO customers with greatly enhanced visibility into their circuits' lifecycle status and assist them in managing their circuit portfolios.

CIMTS is hosted at a DISA Defense Enterprise Computing Center (DECC) in St. Louis, MO which supports the DON Chief Information Officer (CIO) data center consolidation efforts. It is currently accredited and in production on the NIPRnet (unclassified web); and the accreditation process for the SIPRnet (classified web); environment is nearly complete. The NCMO has chosen to implement CIMTS on virtualized servers to reduce the hardware footprint and to enhance collaboration opportunities in a federated environment, where all

inbound and outbound data sharing is done through a Service Oriented Architecture (SOA).

Some of the additional CIMTS modules scheduled to be developed will enhance the NCMO's OOR capability and will include: funding information from Telecommunications Inventory Billing Information (TIBI), bandwidth management information from Operational Support Systems (OSS), certification & accreditation information from the Enterprise Mission Assurance Support Service (eMass), and the Navy IP Address inventory from the Navy Network Information Center (NNIC). The aggregation of this information will assist NCMO in efficient management of the long haul program and supports Circuit Portfolio Management efforts. As additional information and needs are identified, the requirements will be reviewed by a Change Control Board (CCB) to determine priority and ensure that all functionality proposed for the tool will provide tangible value to the NCMO and the Navy.

NCMO is actively building relationships with key organizations responsible for circuit information to identify opportunities to share information, reduce stovepiping, and create a central application, using CIMTS, for the Navy's circuit portfolio management needs. NCMO plans to develop a capability within CIMTS to allow customers to query their own data, providing them with improved visibility and support with their circuit portfolio management efforts.

For more information on CIMTS or the NCMO, visit our website: <https://www.portal.navy.mil/cyberfor/CIO/CIO4/default.aspx>.

Graphic Illustration by Robin D. Hicks

## Navy Releases New OPSEC Policy

By James Magdalenski, Director Naval OPSEC Support Team

The latest Operations Security (OPSEC) policy for the Navy, OPNAVINST 3432.1A, was signed in August by VADM J.M. Bird, director of the Navy Staff. The instruction includes several changes, better aligns the Navy with Department of Defense policy, and cancels OPNAVINST 3432.1, dated August 1995.

"Technological advances and Internet-based Capabilities (IbC) have brought new challenges and vulnerabilities, making OPSEC that much more important, not only in the military, but for family members as well," said LCDR Bryan Pettigrew (OPNAV N2/N6F3T), the Navy's OPSEC program manager. "The establishment of U.S. Fleet Cyber Command and the Naval OPSEC Support Team (NOST) are also addressed in the new policy."

Some of the more significant excerpts from the instruction include:

- Navy activities, installations, commands and units will establish an OPSEC program, and will incorporate the principles and practice of OPSEC focused on command involvement, planning, assessments, surveys, training, education, threat, resourcing and awareness.
- All commanders, OICs, program executive offices and program managers shall appoint, in writing, an OPSEC program manager (and/or officer). The designee will have insight into the full scope of the command's mission and may manage the OPSEC program full time or as a collateral duty. The appointed OPSEC program manager will:
  - Coordinate and administer their command OPSEC program, develop and execute their command OPSEC instruction.
  - For commands with Secure Internet Protocol Router Network (SIPRNET) access, establish an account with the Operations Security Collaboration Architecture (OSCAR) program. OSCAR was developed as an interactive tool for conducting OPSEC assessments and incorporates intelligence information with user-supplied settings that reflect the current command environment.
  - Determine command Critical Information (CI).
  - Ensure classified and unclassified contract requirements properly reflect OPSEC responsibilities and that these responsibilities are included in contracts when applicable.
  - Conduct annual self-assessments and surveys. All Navy activities, installations, commands, functions and units shall complete an OPSEC assessment annually.
  - Maintain a turnover binder and ensure OPSEC programs and plans are exercised or evaluated through regular assessments.
  - Obtain and evaluate the OPSEC plan for each cognizant program prior to any outdoor testing to ensure the best OPSEC policies, procedures, processes and guidance for the cost effective
- protection of the test are in place.
- Generate and submit an annual OPSEC program status report to the Immediate Superior in Command's OPSEC program manager and NOST by Nov. 1 each year.
- Coordinate with other OPSEC program managers located on the same facility and/or base to implement OPSEC awareness, training and assessments.
- Lead internal local OPSEC working group meetings.
- Provide OPSEC orientation and awareness training to assigned personnel. Ensure OPSEC awareness training is conducted at least annually.
- Submit at least one suitable Navy candidate for the annual national OPSEC awards program to Interagency OPSEC Support Staff (IOSS) no later than Dec. 1 each year.
- OPSEC is a requirement throughout the acquisition process, and when a classified or unclassified program's CI or associated indicators are subject to adversary exploitation or unacceptable risk. Ensure and verify that contractors supporting DoD activities use OPSEC to protect CI for specified contracts and subcontracts.
- Unclassified, publicly available media and websites present a potential risk to personnel, assets and operations if inappropriate information is published. Program managers and officers will review command products prior to release.
- Commander, U.S. Fleet Cyber Command (COMFLT/CYBERCOM) shall:
  - Coordinate and administer the Navy OPSEC program and provide oversight regarding the execution of Navy OPSEC policy, doctrine, instruction and organizational program implementation. Maintain an OPSEC support capability for the Navy to include the NOST. The NOST is a subordinate element of Navy Information Operations Command (NIOC) Norfolk.
  - Assist in the identification of CI, review program and facility OPSEC plans, and offer CI and OPSEC plan endorsement to cognizant OPSEC program managers and officers.
  - Develop and coordinate a Navy OPSEC training program, to include OPSEC orientation training within 60 days of reporting for duty, OPSEC awareness training least annually, OPSEC planner training for individuals with OPSEC planning responsibilities and OPSEC training for naval reservists assigned to mobilization billets.
  - Assist in the conduct of OPSEC self assessments or formal OPSEC surveys.

... continued on Page 32

- Provide OPSEC planning assistance and guidance.
- Identify and submit appropriate OPSEC lessons learned into the Naval Warfare Development Command (NAVWARDEVCOM) lessons learned database.
- Consolidate annual status reports from echelon 2 and 3 OPSEC program managers no later than Nov. 7 each year. Analyze and forward results to Echelon I no later than Nov. 15 each year.
- Submit at least one suitable Navy candidate for the annual national OPSEC awards program to the IOSS no later than Dec. 1 each year.
- Act as the point of contact for Navy OPSEC program concerns, including primary monitoring of the electronic messaging account [OPSEC@navy.mil](mailto:OPSEC@navy.mil) maintained by the NOST.

For many organizations, the above is nothing new or different because OPSEC is already incorporated into their mission and normal operations. For others, it will mean getting on board, starting with OPNAVINST 3432.1A, which is available via the Department of the Navy Issuances website at <http://doni.daps.dla.mil>. Copies of the instruction or any other OPSEC products can also be obtained by contacting the NOST at [opsec@navy.mil](mailto:opsec@navy.mil), calling (757) 417-7100 or visiting any of the following NOST websites:

- Facebook - <http://www.facebook.com/NavalOPSEC>
- YouTube - <http://www.youtube.com/navalOPSEC>
- Sharepoint - <https://www.portal.navy.mil/netwarcom/NIOC-N/COPCentral/opsec/default.aspx>
- Slideshare - <http://www.slideshare.net/NavalOPSEC>

## Fostering Collaboration & Conversation Across IDC

By Joe Gradisher, OPNAV N2/N6 Public Affairs Officer

They have never met in person, individually or as a group, yet they are a team in the strongest sense of the word. They volunteer their time. Their work is strictly unofficial. Their individual anonymity ensures only the group as a whole gains credit for their actions. Their collective efforts enable collaboration and ensure situational awareness across a newly-formed community. They are self-starters who believe in "making time" for the common good of that community. They are the Information Dominance Corps (IDC) Self Synchronization Team.

The Chief of Naval Operations (CNO) ordered the establishment of the IDC, on Oct. 6, 2009. As outlined in OPNAV Instruction 5300.12, "the IDC has been created within the U.S. Navy to more effectively and collaboratively lead and manage a cadre of officers, enlisted and civilian professionals who possess skills in information-intensive fields."

Those personnel include Information Professional (IP) officers and Information Systems Technicians (IT), Information Warfare (IW) officers and Cryptologic Technicians (CT), Naval Intelligence officers and Intelligence Specialists (IS), Oceanography (OCEANO) officers and Aerographer's Mates (AG), select members of the Space Cadre, and associated civilians. Under the leadership of the newly-established Deputy Chief of Naval Operations for Information Dominance (OPNAV N2/N6) the IDC encompasses more than 47,000 Navy professionals.

The IDC Self Synchronization effort -- IDCsync for short -- began shortly after the IDC was established with just one person and an idea: Find a way to bring the members of the IDC together using the latest in collaboration and communication tools.

That individual effort soon grew and

today, the IDCsync Team is as diverse as the IDC itself. Their guiding principle is "making time"; each member makes time to make their environment, their shipmates and the entire IDC better.

The group's greatest strength, beyond its members, is ironically its unofficial status. This is a grassroots effort of IDC members working for and with other IDC members to move the community forward. As an independent initiative, the individual efforts of the team members are not constrained by anything more than the group's collective approval. But as IDC members themselves, the group has a vested interest in forwarding a productive, collaborative dialogue aimed at improving the IDC as a whole.

### Tools and Channels

To reach the members of the IDC, the IDCsync Team employs a number of channels drawn from the tools of the trade of the information age (and the IDC): email (using a newsletter format), the Web and various social media venues.

Most of the effort is concentrated on the IDC Self Synchronization Facebook site, which currently serves over 2,000 members. The page's stated purpose is "to share unclassified information, enhance our collective situational awareness and facilitate the development of a common Navy IDC culture."

IDCsync Team members independently post information relevant to the IDC on the Facebook page, combining their efforts electronically via a team coordination site and online chat. Information shared runs the gamut of the IDC interest areas - technology, innovation, and leadership issues included. If it's deemed pertinent to the IDC, it is

posted on the site. The ultimate goal is to spark conversation and collaboration between members.

In recognition of its growing audience and increasing reach, the site has been used by members of the IDC Flag Deck to disseminate official correspondence and reach the greater IDC collective. IDCsync's audience includes every enlisted Sailor from (the backbone of the IDC), to commanding officers, to current and former IDC Flag Officers, and to civilian Senior Executive Service (SES) staff. Administrators and site members alike can post information, share ideas and collaborate.

The primary IDC Self Synchronization web site contains pertinent IDC documents and resources with the intent of creating a one-stop library of information.

The team also sends out a weekly newsletter which encapsulates Facebook posts for the previous week. The same information is also disseminated via Twitter, Google+ (Google's new social networking site), and eChirp on Intelink-U. Details of all the venues are available on the Web page.

With the IDC Self Synchronization team and tools in place, the only missing element is you.

Does the idea of sharing, collaborating and enhancing the professional knowledge of the community resonate with you? Then now is the time to step out of the audience and join the dialog. Join your community conversation by visiting the IDC Self Synchronization Facebook and Web sites today. The forum belongs to you - make it your own!

To learn more, visit <http://www.IDCsync.org>, post a comment on Facebook, or email your questions/comments to [info@IDCsync.org](mailto:info@IDCsync.org).

# NCTAMS LANT Hosts Crew of Navy's First Communications Major Relay Ship

By MC1(SW) Joshua J. Wahl, FLTCYBERCOM/10th Fleet Public Affairs

**NORFOLK, VA** -- Naval Computer and Telecommunications Area Master Station Atlantic (NCTAMS LANT) hosted 44 members of the USS Annapolis (AGMR 1) Association Oct. 14 for a tour of the Navy communication facility during the association's 2011 reunion in Norfolk, VA.

Annapolis, commissioned in 1964, was the first communications major relay ship to successfully transmit communications ship-to-shore using satellites in 1966 without the need for ground-based communication facilities. The Association consists of Sailors who served aboard Annapolis between 1964 and 1969. NCTAMS LANT Commander, CAPT Danelle Barrett welcomed and thanked veterans for pioneering naval communication while under the leadership of the ship's first commanding officer, retired CAPT John Rowan, who commanded Annapolis 1964-65.

"We wouldn't be able to do what we do today if it were not for the work done on the Annapolis breaking new ground in communications," said Barrett. Barrett recognized the former crew members as instrumental in passing operational orders during the Vietnam conflict, relaying critical command and control information back to Pacific Fleet headquarters.



Official U.S. Navy Photo

USS Annapolis' antennas replaced a once vital and busy World War II flight deck.

"None of that would be possible without CAPT Rowan's earlier leadership, preparing the ship for later combat support operations," said Barrett.

Rowan recalled his vision, serving as the AGMR-1 commissioning commanding officer.

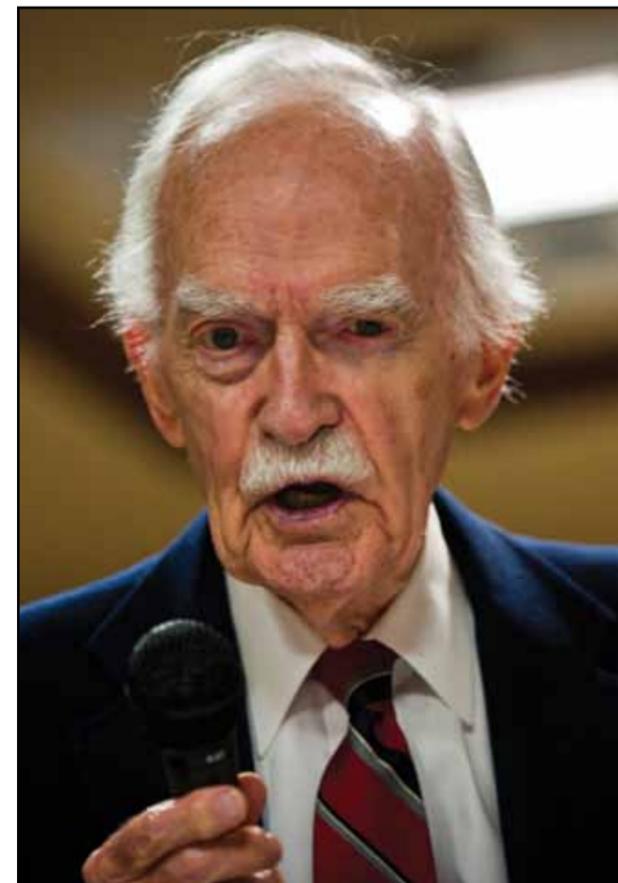
"The Annapolis was perfect then, it was perfect through the years and in my mind one of the best I have ever seen in the Navy," said Rowan.

Veteran crew members of the first relay ship saw how communications capabilities had evolved from 1960 to the present.

"While the concepts are the same as when I served on active duty, there have been lots of changes that are totally mind boggling in the communications world," said Assistant Communications Officer Lee Hallman. "During my service as a Radioman, we went from Morse Code to teletype to satellites. To see how far communications has come since then is just amazing."

During a reception the following evening, Barrett presented Capt. John Rowan, the ship's first commanding officer, a gift from the Sailors and officers of NCTAMS LANT to thank him for his groundbreaking work in naval communications.

For more news from Fleet Cyber Command/U.S. 10th Fleet, visit [www.navy.mil/local/fcc10/](http://www.navy.mil/local/fcc10/)



Retired CAPT John Rowan, the ship's first commanding officer, addresses Association members during a recent reception. (Photo by MC1(SW) Joshua J. Wahl)



Members of the USS Annapolis (AGMR 1) Association gather for a group photo aboard USS Iwo Jima (LHD 7). (Photo by MC1(SW) Joshua J. Wahl)

# EXPEDITIONARY INFORMATION OPERATIONS IN THE FORWARD DEPLOYED NAVAL FORCES



Editorial by CAPT Cathal O'Connor & LCDR Bruce Iversen

## Background

**SASEBO, JAPAN** -- Fleet Cyber Command provides Commander Amphibious Squadron 11, embarked with the USS Essex Amphibious Ready Group (ARG), with Information Operations Detachments sourced from Hawaii and San Diego Navy Information Operations Commands (NIOCs). These NIOC detachments provide Officers in Charge (OICs) a strong leadership opportunity, in addition to supporting the ARG's high operational tempo of five scheduled deployments every two years, especially during the odd calendar years when there are only three to six weeks between deployments.

NIOC detachments embarking the ARG have a real and immediate impact on the lives of our friends and allies in the Pacific Fleet. In the past two years, we have conducted five Foreign Humanitarian Assistance and Disaster Relief (FHA/DR) operations, one contingency operation and six national tasking missions on short notice -- all this in addition to more than 22 bilateral and multilateral scheduled exercises.

Augmenting the permanently assigned COMPHIBRON 11 Deputy Information Warfare Commander (DIWC), the NIOC detachment OIC

assumes duties as Information Operations Planner and Information Warfare Watch Officer (IWWO). Simultaneously the NIOC Det OIC has a leadership opportunity in molding 11 Sailors from two separate commands performing intelligence support, IWWO cryptologic and Information Operation (IO) missions into a cohesive team.

## Operational Highlights

The deployments begin with a transit from Sasebo to Okinawa and loading Helicopter Sea Control Squadron 25 (HSC-25), Assault Craft Unit One (ACU-1), Assault Craft Unit Five (ACU-5), Beach Master Unit One (BMU-1) and 31st Marine Expeditionary Unit (31st MEU). This enables the IWC and his NIOC detachment to plan, coordinate and execute several dozen IO/EW (electronic warfare) events to include Emission Control (EMCON) exercises, Operations Security drills and threat recognition windows, while building the ARG's IW proficiency into extended EMCON transits and Anti-ship Missile Defense.

Throughout deployment, NIOC detachments embed themselves in the IWC watchstanding organization and provide tactical Environment Awareness and Shaping (EAS) as well as reporting tactically relevant, time-

perishable information to the COMPHIBRON 11 Joint Operations Center, Warfare Commanders, unit Tactical Action Officers, and EW modules. Some of their recent contributions included:

- **Analyzing thousands of time-sensitive intelligence reports, disseminating dozens of reports identifying tactically relevant information on several dozen contacts of interest, and providing real-world and exercise Indications & Warnings (I&W) to multiple U.S. and partner nation units.**
- **Presenting dozens of Electronic Intelligence (ELINT) highlight briefs and producing Product Verification Reports (PVR) resulting in critical updates to national databases.**
- **Organizing, planning and executing three PDU-5/SUU-76 leaflet loader training sessions which qualified 15 personnel as product loaders for IO weapons.**
- **Devising, coordinating and executing deception in support of operations during Talisman Sabre '11, which Commander, 7th Fleet (C7F) commended for its thoroughness and forethought.**
- **Participating in a COMPHIBRON 11-initiated analytic effort that focused on an area of interest in OPLAN planning efforts. The resulting 40-slide assessment will be used to develop future warfighting and planning efforts.**
- **NIOC analysts focused on regional Intelligence, Surveillance and Reconnaissance systems, resulting in a unique tactical EAS opportunity. The analysis was briefed to C7F and forwarded to Commander, U.S. Pacific Fleet.**

## Man, Train and Equip Highlights

COMPHIBRON 11 leveraged the NIOC detachment's training and experience to provide assist visits within the force.

A NIOC CTTC provided three comprehensive EW Assistance visits to USS Germantown (LSD-42), USS Denver (LPD-9), and USS Tortuga (LSD-46). He ensured each unit's EW Readiness was assessed against a 164 line-item checklist generated by Afloat Training Group (ATG), identified critical attention areas, and provided over 180 hours of hands-on training to three EW officers and 15 EW operators, providing an objective analysis of EW system material condition, training and procedures. His efforts resulted in EW Equipment Material Condition scores for each unit of greater than 90 percent.

A NIOC CTT3, on her first deployment, provided eight hours of Generic Area Limitation Environment (GALE-LITE) training to the EW Module watch teams (nine CTTs) from Denver and Essex. She spent 30 hours training three embarked 3rd Radio Battalion Marines on GALE-LITE software which greatly enhanced blue-green interoperability by providing mutual understanding of joint cryptologic capabilities. She also gave four hours of training to USS Essex (LHD 2) Joint Intelligence Center (JIC) and EW Module personnel in methodology for producing a specific ELINT product routinely requested by Intelligence personnel. These assist visits resulted in significant improvement in EW readiness across COMPHIBRON 11 assets.

Finally, with the increased focus on Computer Network Defense (CND), a NIOC CTN1 conducted five comprehensive CND Assistance visits to both ARG units, Essex, Denver, Germantown and Tortuga as well as Mine Countermeasures Squadron 7 units, USS Guardian (MCM-5), and USS Patriot (MCM-7). He provided more than 120 hours of in-depth training to Automated Data Processing and Network Security personnel aboard each unit he visited. He drafted and delivered six comprehensive briefs for each unit commanding officer, to include a tailored, detailed list of recommendations for further improvement. These visits resulted in a significant increase in network security posture and served as a key enabler in preparing the commands for Blue Team assessments.

In summary, COMPHIBRON 11 NIOC detachments benefit from the strategic, operational and tactical level operational capabilities they bring to the war fight. Simultaneously, given the extended deployment cycles that are becoming common, it is necessary to rotate these experts off the flagship so they can help train ship's company and embarked personnel throughout the ARG, MEU and Expeditionary Strike Group. Doing so increases the Fleet's war fighting capability across all platforms. ✎

**EDITOR'S NOTE:** CAPT O'Connor, is Deputy Commodore, Amphibious Squadron 11 (COMPHIBRON 11), forward deployed to Sasebo, Japan. LCDR Iversen served as COMPHIBRON 11 Deputy Information Warfare Commander for two years and six deployments to include Operation Tomodachi, the March 2011 Humanitarian Assistance/Disaster Relief response to the Japanese earthquake and tsunami in Sendai. He recently reported to U.S. Cyber Command.



COMPHIBRON 11's officers and Sailors pose for a group photo. (Official U.S. Navy Photo)

## NCDOC Recognized for Outstanding Information Systems Security

By ITC (IDW/SW) Tyree Scott, NCDOC PAO

### FT GEORGE G. MEADE, MD

– Navy Cyber Defense Operations Command (NCDOC) was awarded the 2010 Frank B. Rowlett award for Organizational Excellence Nov. 17 during a ceremony held on Fort George G. Meade, MD.

Established in 1989 in honor of cryptologic pioneer Frank B. Rowlett, the National Security Agency presents the award annually to the U.S. Government organization recognized as making the most significant contribution to improving national information systems security, operational information assurance readiness, or the defense information operations posture of the United States. The ceremony marks the first time a Navy command has received the prestigious recognition since the award was established.

As the Defense Department's leading computer network defense service provider, NCDOC has contributed immeasurably to the defense of the United States. During this awarding period, NCDOC enhanced cyber situational awareness by developing the Navy

Cyber Defense Core (Cyber Core).

Cyber Core is a decision support capability displaying timely and relevant cyber defense information in an innovative manner by using a combination of traditional reports and interactive visualizations. It supports role-based decision making by delivering customized dashboard views and improved internal and external reporting in a user friendly, web-service environment. Cyber Core provides a one-stop shop for the consumption of information based on data gathered, analyzed and stored within the Navy's cyber defense information systems.

NCDOC also spearheaded the development of the Navy's Host Based Security Systems (HBSS) roll up architecture. This architecture provides the ability to collect Navy computer asset and event data on a scale never before achieved in the DoD. The command developed a hierarchal data roll up capability to enable the Navy to receive HBSS event and asset data and then provide that data to U.S. Cyber Command.



Frank B. Rowlett Award

NCDOC personnel were instrumental in providing the necessary technical expertise to make HBSS data aggregation possible and were the driving force in the realization of this revolutionary architecture.

NCDOC is the Navy's only computer network defense service provider and is charged with defending the Navy's unclassified and secret computer networks. More than 280 military, civilians, and contract personnel fight the "net" through aggressive detection and analysis of adversary cyber operations while directing proactive defensive actions to counter threats. The personnel of NCDOC are recognized across the DoD as leaders and technical experts in the cyber defense mission area. ✎

Photo by Michael J. Morris

## NIOC Misawa Sailors Raise Money for NSW Foundation



More than 200 residents of Misawa Air Base, Japan participated in a 24-hour run in October raising more than \$6,000 for the Naval Special Warfare (NSW) Foundation and to provide support to the families of the 30 servicemen who were killed in the crash of a CH-47 Chinook helicopter on Aug. 6 in Afghanistan. The idea to raise money to support the foundation was the brainchild of two Navy Information Operations Command (NIOC) Misawa Sailors. (Photo by CT12 Darin Hughes)

## Vice President Visits Marines & Sailors at MCB Kaneohe Bay Hawaii

By IT2 Cicely Wiggins, NIOD Hawaii

Vice President Joe Biden addressed a hangar full of Marines and Sailors at Marine Corps Base Kaneohe Bay Hawaii, Aug. 25, sharing his appreciation and gratitude for each and every service member's sacrifice.

Biden spoke about America's military, and the patriotism and honor of more than 2,800,000 service members who have come on board since the 9/11 attacks.

"What your generation of warriors and military families has done for our country in recent years is nothing short of incredible," Biden said.

He also shared the personal history of his own son's deployment to Iraq, and discussed the efforts of the Obama administration to increase benefits for military members and veterans.

Petty Officer Second Class Kathryn Taylor, Navy Information Operations Detachment (NIOD) Kaneohe Bay, shared how she has a learned respect for our country's leaders.

"Although he hasn't spent a decade on the battlefield, he is a part of the current administration that is responsible for those who are fighting in Iraq and Afghanistan," Taylor said. "(He seemed) honored to meet with us."

Petty Officer First Class Tara Paladino, also from NIOD Kaneohe Bay, felt that the Vice President had a demeanor of sincerity and appreciation.

"His gratitude was refreshing in a time when much of the military is feeling the strain of repeated deployments to hostile areas, budget cuts and downsizing," Paladino said.

Biden acknowledged that many service members have



Officers and Sailors from NIOD Kaneohe Bay surround Vice President Joe Biden during his recent visit to their command.

deployed four and five times into harsh and dangerous areas. He noted the heroism of military personnel, commenting on Marines such as Cpl. Dakota Meyer, the first living Marine to be awarded the Medal of Honor for his service in Iraq and Afghanistan, and LCpl. Epps who donated bone marrow that saved the life of an eight-year-old girl. Both Marines are a part of the 3rd Marine Regiment stationed at Kaneohe Bay.

The Vice President concluded his remarks by offering to meet any Sailor or Marine who was willing to stay, and even spoke to one Sailor's mother over the phone. ✎

## FID Sailors Earn ESWS & EAWS Pins



IS3 Joseph Galeote and IS3 Michael Young from Fleet Intelligence Detachment (FID) Fallon and IS3 Mark Henderson from FID Washington, DC, earned their Enlisted Surface Warfare Specialist and Enlisted Aviation Warfare Specialist designators while assigned to Carrier Strike Group Two (CSG) 2 aboard USS George H.W. Bush (CVN 77) while operating in the 5th Fleet Area of Responsibility. The Sailors were awarded their pins by CSG2 Commander, RADM Nora Tyson. (Photos by MCSN Read Castillo)



NIOC Misawa Sailors pose outside the Meiji Shrine, Tokyo Japan Nov. 26 after receiving the 2011 Zenkokai Award. (Photos by CT11(IDW) Jennifer Johnston)



CTR2 Tiffany C. Young holds the plaque presented to her command for NIOC Misawa's contribution to the education of children in northern Japan.

## NIOC Misawa Accepts Zenkokai Award for Second Time

By CTICS(IDW/SW/AW/EXW) Leah Strebin

CDR Tyrone Ward, Naval Information Operations Center (NIOC) Misawa's commanding officer and CTR2 Tiffany Young accepted the 2011 Zenkokai award on behalf of NIOC Misawa's Sailors on Nov. 26 in a ceremony at Meiji Shrine in Tokyo, Japan.

"What an honor to be recognized by the government of Japan in this way," Ward said. NIOC Misawa won its second Zenkokai for outstanding achievement in the category of "Education of Youth and Children."

"It speaks well of the hard work and selfless dedication of our crew throughout the year. The fact that we have won this award twice in the last three years is a tribute to our lasting commitment to the special community relations with the people of Japan, specifically in the areas around Misawa Air Base," Ward said. "The effort recognized today is based on many years of wonderful cultural exchange that will continue well into the future."

The Zenkokai award, which is Japanese for Good Deed Association is sponsored by the Japanese government. It was started in 1937 to encourage youth to become good citizens and make their communities better, and was later expanded to include all citizens, not just the youth.

A category for foreigners was added in 1949 and there are categories for individuals and groups. Nominations cannot be made two years in a row, so the first time NIOC Misawa won the award was in 2009.

NIOC Sailors have a long-standing relationship with towns and organizations near Misawa, and participate in events with the Akebono Orphanage and elementary schools. Annual events include a home stay program for students from the town of Gonohe where Japanese children get to spend a weekend with an American host family, Gonohe Sports day in which Sailors and their families visit Gonohe for a day of traditional and not so traditional sporting events, English classes at elementary schools, holiday parties for Halloween (including pumpkin carving) and a Christmas party with Santa Claus.

This year's award ceremony was originally scheduled for May, but was moved to November due to the earthquake in March.

"It was a huge honor representing the command in receiving the award," said Young. "It makes me so proud to be a part of a command that gives so much back to the local community of our host country."

## CYBERFOR Team Participates in All-Military Wilderness Challenge

Compiled by CYBERFOR Public Affairs

FAYETTEVILLE, WV – Navy Cyber Forces' (CYBERFOR) four-member team "The Mighty Ducks" recently ran in the 2011 All-Military Wilderness Challenge looking to build on its 2008 performance. However, this year's team lost one of its members just before the event and had to adapt, improvise and overcome the change-up.

"We reassembled most of our team from the 2008 Wilderness Challenge," said CDR Shawn Roberts, Navy Space Readiness. "Our original team members were LTJG Geoff Flowers, Chief (ETC) Jeremy Carriker, both from CYBERFOR, and Petty Officer First Class (AWO1) Ashley George, from the VP5 Mad Foxes, in Jacksonville, FL. Flowers had to withdraw a week before the event, so IT2 Jonathan Arriga from NAVSUP stepped up to the plate. Believe me, finding participants is tough, especially when you explain what is required."

Mid-Atlantic Region, Morale, Welfare and Recreation (MWR) department, Naval Weapons Station Yorktown and ACE Adventure Resort, one of West Virginia's largest outdoor outfitters, sponsored this year's All-Military Wilderness Challenge. More than 100 military members representing all five branches of the armed forces including CYBERFOR's team competed in a series of five outdoor adventure races over two days in the heart of the Appalachian Mountains and across two West Virginia rivers.

Teams faced a 5-mile mountain run, a 10-mile mountain bike race, a 15-mile forced hike through the mountains, a 14-mile whitewater raft race on the Gauley River and a 7-mile kayak race on the New River, totaling more than 50 miles.

"This year the Gauley River was running faster and the rapids were more challenging since they were conducting the 10 year checks on the dam," Roberts said.

"It's not so much about first and

last place, it's about completing the challenge and competing as a team," said LCDR Bill Mc Nerney, Team "52's Exodus" from Fleet Logistics Support Squadron Fifty Two (VR) 52. "It's cheering each other on and pulling them through when they're having a hard time. It's the satisfaction of completing it."

For some of the challengers, it was not only the spirit of competition, but the opportunity to compete against the top athletes in the military.

"The 15-mile mountain run had the nice addition this year," Roberts said. "It provided numerous water crossings ranging from ankle to thigh deep water and mud."

those values which are the most important victory in the end."

Team HT-18, comprised of Marines from Helicopter Training Squadron Eighteen (HT) 18, from Naval Air Station Whiting Field, FL was named the 2011 All-Military Wilderness Challenge champions with a winning overall time of 7:30:47. Team Motor City Racing, from Coast Guard Medical Clinic in Detroit, MI, came in second with a time of 7:34:08 and Team "Paradoxical Trinity" from Marine Corps Base Quantico, VA, was third with a time of 7:40:17.

The top teams from each branch of service were also recognized at the awards ceremony. The Navy's

Tail Radial Turn, from Naval Air Station Whiting Field, FL, was the top Sailor team with a time of 7:44:10. Team Ninja Gorillas, from 114th Signal Battalion, Fort Detrick, MD, was first amongst the Army's teams with a time of 9:19:05. And for the Air Force Cuning Linguistics, from Defense Threat Reduction Agency, Fort Belvoir, VA, was first for the Air Force with a time of 10:48:21.

The Mighty Ducks were 19th overall out of 26.

"This event could not have happened without the great teams that competed this year or without the vision and leadership of Mike Bond, our MWR Director," said CAPT Lowell Crow, commanding officer, Naval

Weapons Station Yorktown. "This is a world-class competition bringing together the best athletes the military has to offer."

Even as this year's competition comes to an end, participants and organizers are already preparing for next year's Wilderness Challenge, building on the success of this year to make it even better.

"I will be deployed during next year's race so I will be back in 2013," Roberts said. "Chief Carriker plans on assembling a new team for the 2012 race."

For more information on the annual Wilderness Challenge go to: <http://www.wildernesschallenge.net/>.



CYBERFOR team members AWO1 Ashley George, left, and CDR Shawn Roberts catch their breath during the bicycle portion of the challenge. (Official U.S. Navy Photo)

In its 11th year, the All-Military Wilderness Challenge is attracting competitors from commands across the United States and as far away as Germany. The event even received recognition from Washington, DC. Sen. Joe Manchin of West Virginia sent a letter of congratulations to the competitors.

"This competition brings together the best athletes from all the branches of our armed forces. Each of you has been put to the test as you have found the terrain in our state both wild and wonderful," Manchin wrote. "While it has been a grueling few days, we celebrate the winners. This competition is about teamwork and

# CNO Recognizes NIOC Whidbey Island with 2 Awards

By CTMSN Christopher Lundquist, NIOC Whidbey Island Public Affairs

The Chief of Naval Operations (CNO) recognized Cyber Task Force (CTF) 1030 in an October Navy message with a Meritorious Unit Commendation (MUC) for noteworthy service from Aug. 1, 2009 to Jan. 31, 2011. CTF 1030 includes Navy Information Operations Command Whidbey Island (NIOC WI). NIOC WI also received special recognition from the CNO for being the first shore command to earn the Association of Old Crows (AOC) award for two consecutive years, in 2009 and 2010.

The MUC cited CTF 1030 for the impressive execution of 287 Unit Assessments during the Afloat Network Security Surge Assessment. This achievement helped to significantly increase service afloat readiness. NIOC WI was singled out for actions associated with the qualification of 10th Fleet aircrews that fly aboard EP-3E aircraft.

The AOC award recognizes individuals and units for exceptional contributions to the Electronic Warfare (EW) field. Awards are given to one surface unit, one aviation unit and one shore unit.

CTF 1030 was chosen as the recipient of the Shore Unit Award for 2011 for the third straight year. The Task Force was recognized in Nov. during the 48th Annual AOC International Symposium and Convention in Washington, DC. The selection makes it three years in a row that

NIOC WI has won the prestigious AOC award.

"This is an exceptional achievement by our Sailors and the Sailors that have come before us," the Commanding Officer of NIOC WI, CAPT Joseph Pugh said. "It's even more notable that we were able to do it as part of the greater CTF 1030 team."

As the premier center for airborne EW, NIOC WI Sailors provide operational commanders with highly adaptable EW solutions as well as training and tactics development to achieve radio frequency spectrum superiority. NIOC WI Sailors sustain EW effectiveness while keeping pace with technological evolution and warfare challenges.

"I think these awards are testament to the hard work of our Sailors, the faith our Commanders have in us and our solid partnership with Team Whidbey and the community," said NIOC WI Command Senior Enlisted Leader, CTTTCM Samuel Olmstead. "Ownership and initiative from the deckplates are the main reason we're at where we're at today. It all starts and ends with them, and I'm proud of them." ✂



CAPT Danelle Barrett, during a tour of the NCTAMS LANT regional stations and detachments.

LCDR Kristian P. Kearton, Officer in Charge, NCTAMS LANT DET Rota said, "Applying the synergy at Rota has earned the title of, 'One of the best communication detachments of our size in the world'."

To earn an OSCAR, installations must demonstrate excellence in information technology, electronics maintenance, administrative data and customer service.

NCTAMS LANT DET Rota is comprised of U.S. civilian and military personnel as well as Spanish civilian local nationals. Spread out between three departments and five divisions, this diverse team works together as one to successfully accomplish the mission at hand.

"This award is for everyone here at the command," Barrett said. "It is the hard work that each and every one of you dedicates daily that makes your receipt of this award possible."

A quick bit of history on the

NCTAMS LANT "OSCAR" emblem: on the front is a picture of an octopus. His name? Oscar, of course. Oscar the Octopus depicts the busy environment of a Navy communicator. At the request of the Navy, Oscar was created by Walt Disney in 1947.

For NCTAMS LANT DET Rota, this is its third OSCAR. If it is up to the hard working individuals at NCTAMS LANT DET Rota ... it most likely will not be the command's last. ✂

# NIOC Sugar Grove Scores Triple Community Service Awards

Story & Photo by MC2(SW) Joel Carlson, NIOC Sugar Grove Public Affairs

Navy Information Operations Command (NIOC), Sugar Grove, WV, has been awarded three Chief of Naval Operations awards for community service in 2011.

The Navy annually recognizes commands that exemplify outstanding community service in several areas, and NIOC Sugar Grove claimed the winning place in three categories under the classification of 'Shore-Medium' command: Personal Excellence Partnership, Project Good Neighbor and Environmental Stewardship.

"The Personal Excellence Partnership program was designed to elevate pride in local communities through interaction with area students," said LT Trent Jessup, NIOC Sugar Grove command chaplain. Base volunteers maintained relationships with two elementary schools, a middle school and a high school through tutoring and mentorship with students.

"The purpose of the command partnership with local schools continues to provide educational assistance, mentorship, monetary support and labor for local area students," Jessup said.

Project Good Neighbor focused on a more broad issue, with Sailors working to improve quality of life for the community through partnerships with local organizations. NIOC Sugar Grove Sailors gave their time and efforts to such programs and events as Relay for Life, Special Olympics and the Treasure Mountain Festival, Pendleton County's largest annual event.

NIOC Sugar Grove's efforts toward the Environmental Stewardship award were meant to demonstrate conscientious management of the base's pristine natural resources and surroundings.

"Our base borders a large piece of national forest and is placed directly on the South Fork, South Branch of the Potomac River," said Steven Neithamer, Sugar Grove installation environmental and natural resources program director. "We follow all laws and regulations to ensure we're practicing responsible conservation."

More than just following laws, though, NIOC Sugar Grove has worked hand-in-hand with more

than 10 local and regional organizations on issues like invasive species removal and riparian zone management, Neithamer said. He emphasized the support given by Pendleton County volunteers leading to the award.

"We couldn't do it without our local community supporting us all the way," said Neithamer, who also coordinated many cooperative events with both active duty and civilian volunteers.

The installation's senior leadership expressed pride in the NIOC Sugar Grove Sailors.

"Our Sailors continually demonstrate professionalism, a positive attitude and commitment in all that they do," said CMDCM(SW/AW) Homer Stinson. "You will see our Sailors in the local churches, our children in the local schools and all of us frequenting local businesses. You will also see our Sailors marching as a color guard in local parades or ceremonies, welcoming wounded warriors to our base, judging events at local festivals, removing trash from local highways and river banks, and mentoring Sea Cadets and local elementary school students. Our Sailors don't just serve our local community. They're a part of it." ✂



Sailors in costume at NIOC Sugar Grove, WV, interact with local elementary school students during the installation's Environmental and Safety Fair.

# OSCAR Presented to NCTAMS LANT DET Rota, Spain

Story & Photo by ET1(IDW/SW) Wenecio M. Godfrey, NCTAMS LANT Det Rota, Spain

When most people hear of someone receiving an Oscar, they likely think of it as an accolade given for excellence in the film industry. In the Navy, OSCAR, along with being a radio phonetic for the letter "O," stands for "Outstanding Support to Customers throughout the Atlantic Region."

The Navy OSCAR is presented to Naval Computer and Telecommunications Stations and Detachments to signify recognition in excellence and professionalism exhibited throughout an activity as a whole. It is only awarded to those communication stations and detachments which have set and reached the highest of standards and have been able to consistently prove excellence in all areas of operation.

The OSCAR for FY10 was presented to Naval Computer and Telecommunications Area Master Station Atlantic Detachment (NCTAMS LANT DET) Rota by NCTAMS LANT's Commanding Officer,



(Left to right) LCDR Kristian P. Kearton, NCTAMS LANT DET Rota, Spain's OIC and NCTAMS LANT's Commanding Officer, CAPT Danelle Barrett, display the OSCAR award following an awards ceremony.

# CYBERFOR Officer Receives 2011 Medalla de Oro Award

MAES - Latinos Leading the Way in Science and Engineering

Compiled by CYBERFOR Public Affairs

CDR Mark Venzor was awarded the Medalla de Oro, the highest award bestowed by the Society of Mexican American Engineers and Scientists (MAES), Oct. 7 during the 37th Annual MAES Symposium in Oakland, CA.

MAES was founded in Los Angeles in 1974 to advance and increase the number of Latinos in science, technology, engineering and mathematics by creating opportunities and fostering recognition through professional, technical and outreach activities. The mission of MAES is to promote, cultivate and honor excellence in education and leadership among Latino engineers and scientists.

Venzor has been a supporter of MAES for more than 15 years and has been a key contributor to the Navy's outreach and recruitment efforts since 2004. For more than four years he has conducted a leadership and ethics workshop on behalf of the Navy for Navy Recruiting Command and he continues to participate in the Diversity Recruitment program.

The prestigious Medalla de Oro (Gold Medallion) is given to an individual who contributes to MAES and the community. A committee of previous Medalla de Oro winners in attendance at the conference selects the winner. The program is conducted under the direction of the MAES national awards committee and nominations are submitted to this committee by professional membership.

The Medalla de Oro is the highest honor that MAES can bestow upon any member. For this reason it is made of solid gold to remind everyone that it was this precious element which brought together two worlds over 500 years ago and made us what we are today.

hard work, so that the well being of our Nation's communities may be improved. The winners have consistently shown self-reliance and self-discipline as well as conducting themselves so that their life demonstrates the dignity of man.

"Being selected for the Medalla de Oro Award is not only a great honor, but also another opportunity to give back to the community as each Medalla de Oro winner is given the opportunity to develop a mentor-protégé relationship with the Madrina/Padrino Scholarship winner," said Venzor.

As a recipient of MAES' highest award, the Medalla de Oro winner presents a Madrina/Padrino Scholarship in their name to a worthy MAES college student to symbolize the MAES concept of "The Bridge to the Future." This allows the establishment of a lifelong mentor relationship in which the Medalla de Oro recipient provides guidance and serves as a role model for the young engineer or scientist. The MAES National Scholarship Committee selects the student winners.

"I highly encourage engineers and scientists from all walks of life to participate and join MAES,"

Venzor said. "MAES is an inclusive organization that is a providing young men and women with the exposure, training and mentorship, through its MAES Pipeline, in support of United States' efforts to maintain its preeminence in Science, Technology, Engineering and Mathematics."

The purpose of the Medalla de Oro is to honor members and supporters of MAES who have distinguished themselves by demonstrating a lifelong dedication to service and humankind. The award is a challenge to men and women to make the most of their abilities and talents. Medalla de Oro recognizes

Official U.S. Navy Photo



(Left to right) Gilberto Saenz, MAES National Vice-President of Operations; Antonio De La Serna, MAES Boston Professional Chapter President and LCDR Mark Venzor.



(Left to right) RDML Gretchen Herbert, commander, CYBERFOR, presents the VADM Richard W. Mayo award to LT Tracey Rhone. (Photo by MC2(SW/AW) Wilyanna Harper)

## Rhone Receives Award for Experience & Leadership

LT Tracey Rhone, Naval Computer and Telecommunications Station (NCTS) Bahrain, was presented the VADM Richard W. Mayo award Oct. 25 by RDML Gretchen Herbert, Commander, Navy Cyber Forces, at the Information Professional Symposium in Coronado, CA.

From the citation: "Under his leadership and vision, COMUSNAVCENT, COMFIFTHFLT and NCTS Bahrain provided optimal levels of network availability, security and confidentiality, while also providing premier customer service, communications responsiveness, and flexibility to naval, coalition and joint warfighters in support of Operations Enduring Freedom, New Dawn, and overseas contingency operations."

## 'Magic' Johnson Helps FITC Lieutenant Propose at Carrier Classic

By LT Scott Cunningham, Center for Information Dominance Public Affairs

**SAN DIEGO** – While thousands of people were watching the inaugural Quicken Loans Carrier Classic aboard the USS Carl Vinson (CV 70), Nov. 11, one couple only had eyes for each other.

On a pleasant Veteran's Day evening, thousands of service members and family members gathered on the flight deck of the USS Carl Vinson (CVN 70) to watch an NCAA Division I basketball game between the University of North Carolina Tar Heels and the Michigan State Spartans. One of the country's most well-known basketball fans, President Barack Obama, was there to enjoy the game as well.

As basketballs and athletes flew through the air, love was also in the air as well, and LT Wil Whiteman, an instructor at Fleet Intelligence Training Command in San Diego, seized the opportunity to propose to his girlfriend, Tara Dilworth.

Whiteman recruited the help of former Lakers star and basketball great, Earvin 'Magic' Johnson to be his wingman while he took on this most important mission.

Johnson, a Michigan State alumnus, took a few moments away from the game and knelt down alongside Whiteman while he popped the question.

When Dilworth, a former Hofstra University basketball star said "yes," it proved to be an unforgettable day for the couple and yet another memorable assist for the storied point guard.

Whiteman, who has been decorated throughout his distinguished 17-year military career (including earning two Purple Hearts), was happy to adorn the woman who had supported him through injuries sustained in Iraq with a



(Left to right) LT Wil Whiteman, an instructor at Fleet Intelligence Training Command, and his girlfriend Tara Dilworth pose with NBA Hall of Famer, Earvin 'Magic' Johnson. (Official U.S. Navy Photo)

shiny accessory of her own.

After being posted on YouTube, the proposal was picked up by media outlets, including Sports Illustrated and the San Diego NBC news affiliate.

Despite being raised in the Chicago area and growing up as a die-hard Michael Jordan fan, Whiteman now has a new affinity for Magic Johnson, who selflessly contributed to what will surely remain a great moment in the young couple's long relationship.



## DISTINGUISHED SERVICE MEDAL

VADM Bernard McCullough, III, FLTCYBERCOM, FT Meade



## LEGION OF MERIT

CAPT Steven Ashworth, NIOC Maryland  
 CAPT Stephen Bowen, NASA JSC  
 CAPT John Chandler, NCTAMS LANT, Norfolk  
 CAPT Patricia Cole, NCTAMS PAC, Wahiawa  
 CAPT Craig Eaton, FLTCYBERCOM, FT Meade  
 CAPT Stephanie Keck, NCDOD, VA Beach  
 CAPT Mark Kelly, NASA Johnson Space Center  
 CAPT John Pagona, Jr., NETWARCOM, VA Beach  
 CAPT Janet Stewart, NETWARCOM, VA Beach  
 CAPT Denise Stich, FLTCYBERCOM, FT Meade  
 CAPT Douglas Swanson, NETWARCOM, VA Beach



## DEFENSE MERITORIOUS SERVICE MEDAL

CTRCM Frankie Alvarez, U.S. CENTCOM  
 CTI1 Whitney Andrews, NIOC Maryland  
 CTTC Andrae Austin, NIOC Maryland  
 CWO3 Eddie Chambliss, NIOC Texas  
 CTR1 Benjamin Chester, NIOC Maryland  
 LCDR Oswaldo Cornejo, NIOC Texas  
 CTNC Travis Emick, NIOC Maryland  
 CTRC Mark Fisher, NIOC Maryland  
 CTMC Michael Flowers, NIOC Maryland  
 CMDCM Shannon Howe, NIOC Menwith Hill  
 LSC Bryan Huskey, NIOC Menwith Hill  
 CTR1 Adam Keenon, Cryptologic Support Team 10  
 YNC Matthew Kline, NIOC Menwith Hill  
 LCDR Paul Lashmet, SUSLA Korea  
 CTRC James Loe, NIOC Maryland  
 CTNC Branden Miller, NIOC Texas  
 CTRC Shawn Modisette, NIOC Menwith Hill  
 CTT1 Gerald Oubre, Cryptologic Support Team 20  
 MACS Billy Pack, NIOC Hawaii  
 LT Shawn Parrish, CJTF 435, Kabul, Afghanistan  
 CTT1 Ronald Rawlings, NIOC Colorado  
 CTRCS Anthony Rizi, NIOC Georgia  
 CTIC Glynn Rodgers, SUSLO London  
 CTIC Sam Shin, SUSLA Korea  
 CTRCS James Smith, NIOC Menwith Hill  
 CTICS Carl Thompson, NIOC Hawaii  
 CWO3 Donna Toomer, U.S. CENTCOM  
 CTRCS Darren Tousaint, NIOC Hawaii  
 CTTC Robert Williams, NIOC Colorado



## MERITORIOUS SERVICE MEDAL

CDR Joseph Baich, NR NIOC HI-Ogden  
 CWO4 Thomas Barry, NCTS Sicily  
 ITCS David Carona, NCTAMS PAC, Wahiawa

LCDR Shawn Collier, CYBERFOR, VA Beach  
 CDR James Darenkamp, NCTAMS PAC, Wahiawa  
 CDR Scott Dipert, NAVCYBERWARDEVGRU  
 CMDCM Gary Doner, NCTS Naples  
 CDR James Ellis, COMUSTENTHFLT, FT Meade  
 CDR Idella Folgate, NAVSOC Point Mugu  
 CDR Kevin Foster, NIOC Norfolk  
 CDR Michael Fowler, NETWARCOM, VA Beach  
 ITCM Gary Fravert, NCTSC DET Oklahoma City  
 LCDR William Gilmore, NETWARCOM, VA Beach  
 ITCM Joseph Greenwell, Jr., NCMS Washington DC  
 CDR Rodney Hearn, NCTS Naples  
 CAPT Ansel Hills, NETWARCOM, VA Beach  
 LCDR Donald Hocutt, NCTS Bahrain  
 CAPT Erin Holiday, NR COMTENTHFLT  
 CTRCM Johnny Hutson, NAVCYBERWARDEVGRU  
 CDR William Kramer, NIOC Georgia  
 CAPT John MacMichael, Jr., NETWARCOM, VA Beach  
 CDR Niels Mateo, NIOC Yokosuka  
 CTRCM William McGrath, NIOD Chesapeake  
 CWOS Leo Melody, NAVSOC DET ALFA  
 CDR Charlene Mowery, CYBERFOR, VA Beach  
 CDR Steven Newton, NAVCYBERWARDEVGRU  
 YNCM Renato Quini, NCTAMS PAC, Wahiawa  
 LCDR Roberto Ramos, FLTCYBERCOM, FT Meade  
 YNCM Stella Reyes, NAVNETCENWARGRU  
 LT Gregory Smith, NIOC Norfolk  
 LCDR James Swayze, NIOC Texas  
 CDR Nolan Villarin, CYBERFOR, VA Beach  
 CDR Matthew Welsh, CYBERFOR, VA Beach  
 LCDR Sherri Zimmerman, NIOD Chesapeake



## JOINT SERVICE COMMENDATION MEDAL

LT Andrew Adams, NIOC Hawaii  
 CTR2 Bryan Adamson, NIOC Hawaii  
 CTT2 Joshua Ahrens, NIOC Colorado  
 CTICM William Altizer, Cryptologic Support Team One  
 LT Kitan Bae, NIOC Hawaii  
 CTI2 Angela Batson, NIOC Texas  
 CTN1 Curtis Bell, NIOC Texas  
 CTTC Logan Brock, NIOC Colorado  
 CTT1 Paul Brown, NIOC Colorado  
 CTN2 Brandon Bryan, NIOC Hawaii  
 CTRC Wayne Bye, SUSLA Korea  
 CTRC Tyelord Caldwell, NIOC Sugar Grove  
 ITC Remangel Crawford, DISA CENTCOM Bahrain  
 CTNC Winona Dye, NIOC Hawaii  
 LT Allison Easton, NIOC Hawaii  
 CTI2 Stephen Eberly, NIOC Hawaii  
 CTR2 Aaron Edson, NIOC Menwith Hill  
 CTN1 Angela Embry, NIOC Georgia  
 YN3 Paul Fernandez, NIOC Maryland  
 RP2 Richard Figueroa, NIOC Hawaii  
 CTT1 Paul Folk, NIOC Colorado  
 CTR1 Jonathan Framstad, NIOC Sugar Grove  
 CTI2 Megan Freeman, NIOC Hawaii  
 CTT1 Zachery Friend, NIOC Colorado  
 CTICS Julia Haley, NSA/CSS Representative Iraq  
 CTR1 Mark Hankins, NIOC Colorado  
 CTN1 Scott Harvey, NIOC Maryland  
 CTRC Giovanni Herrero, NIOC Menwith Hill  
 CTI2 Eric Hong, NIOC Hawaii  
 CTT1 Meghan Hrcir, NIOC Colorado  
 YN1 Christine Hughes, NIOC Colorado  
 CTTC Miles Juelfs, NIOC Georgia  
 CTR1 Terrance Krueger, NIOC Colorado

CTRCM Peter Lasher, NIOC Hawaii  
 LT Christy Lawson, NIOC Georgia  
 CTN2 James Lerud, NIOC Maryland  
 CTT1 Benjamin Lesser, NIOC Colorado  
 CTT1 Mathew Lochowicz, NIOC Colorado  
 CTT1 Jennifer Luther, NIOC Colorado  
 CTI1 John Machi, NIOC Hawaii  
 CTI2 Jack McCollister, NIOC Hawaii  
 CTI1 Kimberly McGrody, NIOC Maryland  
 CTI2 Nathaniel Middleton, NIOC Hawaii  
 CTT1 Scott Moore, NIOC Colorado  
 CTI2 Adam Morris, NIOC Hawaii  
 CTT2 Jeannette Morrison, NIOC Colorado  
 CTT1 Matthew Mula, NIOC Hawaii  
 CTTC Christina Nestel, NIOC Colorado  
 LTJG Toan Nguyen, NIOC Hawaii  
 CTN1 Wilver Nunez, NIOC Texas  
 CTI2 Michael Parks, NIOC Texas  
 CTT2 Zachary Parra, NIOC Texas  
 CTT1 Linda Prescott, NIOC Hawaii  
 CTT1 Gerrion Purnell, NIOC Colorado  
 CTT1 Clyde Raines, Joint Task Force  
 YN1 Keith Rainey, NIOC Maryland  
 CTT1 Daria Reed, NIOC Colorado  
 CTR1 David Ripski, NIOC Hawaii  
 CTNCS Russell Ross, NIOC Hawaii  
 CTI1 Jennifer Schooley, NIOC Hawaii  
 IT1 Derrick Small, NIOC Maryland  
 CTR2 Ryan Smith, NIOC Hawaii  
 CTR1 William Snetthen, NIOC Maryland  
 CTR2 Elizabeth Stanton, NIOC Colorado  
 CTR1 Adam Swain, NIOC Georgia  
 LTJG Robert Terchunian, NIOC Georgia  
 CTN2 Ryan Thomason, NIOC Maryland  
 CTN1 Richard Vavra, NIOC Maryland  
 CTR1 Ricardo Vazquez, Jr., NIOC Maryland  
 LT Brian Vidrine, Cryptologic Support Team Two  
 CTI2 Christine Williams, NIOC Texas  
 CTR1 Brian Williamson, NIOC Colorado  
 CTI1 Richard Woods, NIOC Georgia  
 CTI2 Tiffanii Woolfolk, NIOC Maryland  
 CTR3 Christopher Youngman, NIOC Georgia



## NAVY AND MARINE CORPS COMMENDATION MEDAL

PSC Angelo Abellada, NCTAMS PAC, Wahiawa  
 LTJG John Allen, NIOC Suitland  
 LTJG Daniel Ammons-Moreno, NCTS San Diego  
 CWO3 Matthew Arnold, NCDOD, VA Beach  
 CTIC Amy Avellaneda, CYBERFOR, VA Beach  
 CTN1 Daniel Baird, NIOC Texas  
 CTI1 Jefferson Barrozo, NIOC Hawaii  
 CTTC Justin Beers, NIOC Hawaii  
 CTRC Steven Boyle, Jr., NIOC Yokosuka  
 CTT1 Thomas Bremer, COMNAVNETCENWARGRU  
 CWO3 Jessica Brown, NIOC San Diego  
 CTN1 David Bruhn, NIOC Suitland  
 LCDR Christopher Bryant, NIOC Bahrain  
 CTTC Michael Burgasser, NIOC Hawaii  
 LCDR John Carls, CYBERFOR, VA Beach  
 LCDR Troy Carr, NIOC Maryland  
 CTMCM David Clark, NIOD Groton  
 LN1 Richard Cocklin, FLTCYBERCOM, FT Meade  
 CTI1 Donald Conner, NIOC Georgia  
 CTI1 Amanda Costanzi, NIOC Texas  
 CTRC Kevin Crocker, NIOC Georgia  
 CWO2 Joel Dean, NCTS Guam  
 LS1 Wendi Demuth, NIOC Texas  
 CWO4 Paul Devore, NR NIOC Norfolk  
 ITCS Alan Dickinson, NCDOD, VA Beach  
 CWO3 Frank Dionne, NCTAMS LANT, Norfolk  
 YNC Ralph Dixon, FLTCYBERCOM, FT Meade  
 CTCS Jason Donaldson, NIOC San Diego  
 ITC Tamika Eldridge, CYBERFOR, VA Beach  
 CTI1 Carroll Eppard, Jr., NIOC Maryland  
 CTIC Raymond Epps, NIOC Georgia  
 ETC Sean Evans, NCTAMS LANT DET Hampton Rds  
 LCDR Anthony Everhart, NIOC Georgia  
 LT Reginald Fewell, Sr., NCMS Washington DC  
 LT Julia Fletcher, NETWARCOM, VA Beach  
 LT Thomas Fouke, Jr., NIOC Bahrain  
 YNC Sonya Gambrel, NIOC Texas  
 CTI1 Armando Garcia, NIOC Hawaii  
 CTRC Jason Garland, NIOC Georgia  
 LT Sean Garrett, NIOC San Diego  
 LT Damon Gass, NIOC Georgia  
 LT Joshua Gettle, NETWARCOM, VA Beach  
 ITC Johnny Gonzales, NCTAMS PAC, Wahiawa  
 CTNC Jennifer Gray, NCDOD  
 LSC Robert Gurule, NIOC Bahrain  
 CTTC Jeremia Hall, NIOD Kaneohe Bay  
 ETC Ray Hamburg, NCTS Bahrain  
 CWO3 Veronica Hanna, NCTS Bahrain  
 CTR1 Jimmy Hansen, NIOC Maryland  
 ITC Michael Harris, NMCSO LANT, Norfolk  
 ITC Roy Harris, NCTAMS LANT DET Rota  
 LTJG Nathaniel Hayes, NIOC Texas  
 LT Antheus Hebert, NCTS Bahrain  
 ETC William Humphrey, NCTS Sicily  
 CTN1 Shawn Hutchison, NIOC Norfolk  
 ETC Brian Isaac, NCTS Guam  
 CTIC Keith Jay, NIOC Georgia  
 CTT1 Nicollette Jeffery, NETWARCOM, VA Beach  
 LT Trent Jessup, NIOC Sugar Grove  
 CTR1 Joshua Johnston, NIOD Chesapeake  
 LT Kenyatta Jones, NAVCYBERWARDEVGRU  
 CDR Charles Kaczor, NAVNETCENWARGRU Pensacola, FL  
 CTIC Kimberly Keating, NIOC Hawaii  
 CTR1 Nicole Knight, NAVCYBERWARDEVGRU  
 LT Steven Layfield, NAVCYBERWARDEVGRU  
 CTMCS Anthony Lee, NIOC Hawaii  
 CWO3 Corey Lester, NAVCYBERWARDEVGRU  
 ITC David London, NCTS Yokosuka  
 CWO4 Richard Lute, NCTAMS PAC, Wahiawa  
 CS1 Paul Maloney, FLTCYBERCOM, FT Meade  
 CTTC Jay Manning, Jr., NIOC Yokosuka  
 CE1 Malcolm Marcewicz, NCTS Yokosuka  
 NCCS Raymond Martinez, Jr., CYBERFOR, VA Beach  
 CTT1 Edward McCormick, NIOC Georgia  
 CTN1 James McCuiston, NCDOD, VA Beach  
 LT Chad McDowell, NIOC Yokosuka  
 CDR Shawn McGinnis, CYBERFOR, VA Beach  
 CDR Sheila McMahan, COMNAVNETCENWARGRU  
 CTI1 Katie McWilliams, NIOC Texas  
 CTT1 Cortney Michael, NIOC Yokosuka  
 ITC Hugh Moore III, NIOC Georgia  
 LT Scott Moore, COMUSTENTHFLT, FT Meade  
 CTICS Sergio Moreno, NIOC Bahrain  
 CTT1 Ricardo Munn, NIOC Georgia  
 LT Jeffrey Murse, NIOC Hawaii  
 CTTCM Scott Nagle, NIOC Norfolk  
 CTN1 Ryan Nardi, NIOD San Antonio  
 CTRC Esther Ocampo, NIOD Digby  
 IT1 Kristopher Ohlsson, NIOD Digby  
 ETC William Ortiz, NCTAMS PAC, Wahiawa  
 LT Jason Osborne, NCTS San Diego  
 ETC Erick Ozburn, NCTAMS PAC, Wahiawa  
 LT Robert Parsons, GNOC DET, Norfolk

LCDR James Pasley, Jr., NCTAMS LANT, DET Rota  
 CTMCS Eloise Paulino, NIOC San Diego  
 CTI1 Demetrio Perkins, NIOC Texas  
 CTRC Anthony Peterkin, NIOC Suitland  
 LTJG Kizzie Pharr, NCTS Sicily  
 CWO3 Patrick Phillips, NIOC Texas  
 CTRC Jennifer Pinero, NIOC Hawaii  
 CTRC James Prendergast, NIOC Hawaii  
 CTN1 Charles Ramey, NAVCYBERWARDEVGRU  
 LT Duane Reinhardt, CYBERFOR, VA Beach  
 CTN1 Brad Rice, NAVCYBERWARDEVGRU  
 CWO2 Phillip Richmond, Jr., NCTS Far East Det Diego Garcia  
 CTTC Gregory Riddle, NIOC Georgia  
 CTNC Natasha Riley, NCDOD, VA Beach  
 LTJG Ian Roberts, NR NIOC HI Tacoma  
 CTTC James Roddel, NIOC Georgia  
 YN1 Lakesha Rose, NCTS Sicily  
 CTR1 Richard Roy, NIOC Georgia  
 LT Brian Salter, NIOC Whidbey Island  
 LT Antonio Samuel, CYBERFOR, VA Beach  
 CTR1 Alyssa Sasnett, NIOC Texas  
 CTT1 Kurt Sauer, NIOC Bahrain  
 ITCS Mark Saunders, CYBERFOR, VA Beach  
 LT Darren Schiermeyer, NIOD Kaneohe Bay  
 LT Michael Schmidt, NIOC Maryland  
 CWO3 Devin Schneider, NIOC Georgia  
 LT Marc Schuh, NCTAMS PAC DET Puget Sound  
 CTN1 Jeremiah Sholtis, NAVCYBERWARDEVGRU  
 YNC Angel Simmons, NCDOD, VA Beach  
 CTN1 Seth Simmons, NCDOD, VA Beach  
 LTJG Frank Sisto, NIOC Hawaii  
 LT Mark Smith, NAVCYBERWARDEVGRU  
 ETC Stephen Somuah, Jr., NCTAMS LANT, DET Hampton Rds  
 ITCS Tracy Spivey, NCTS Far East Yokosuka  
 ITCS Charmain Stanley, NCTAMS PAC  
 CTNC Tammy Sternberg, NCDOD, VA Beach  
 YN2 Brandy Stiles, NIOC Georgia  
 CWO2 James Stockman, NCTAMS LANT, Norfolk  
 CTMCM Kerby Thompson, NCTAMS PAC, Wahiawa  
 CTMC Jonathan Tipton, NIOC Norfolk  
 CTT1 Christopher Tognocchi, NIOC Yokosuka  
 CTIC David Toledano, NIOD Digby  
 CTMCS Marcus Trotter, NAVCYBERWARDEVGRU  
 CTNC James Trout, NAVCYBERWARDEVGRU  
 LCDR Johnny Turner, CYBERFOR, VA Beach  
 LT Mark Turner, NIOC Texas  
 CTRC Paul Vance, NIOC Georgia  
 LT Brian Vidrine, NIOC Texas  
 CTRC Gregory Vonbrutt, NIOC Texas  
 ETCS Scott Wagner, NCTAMS PAC, DET Puget Sound NRS Jim Creek  
 ET1 Sharon Walters, NCTAMS LANT, Norfolk  
 ITC David Watkins, NCTAMS PAC, Wahiawa  
 CAPT Benjamin Wigger, NETWARCOM, VA Beach  
 LCDR Jennie Wood, NAVCYBERWARDEVGRU  
 CTMCS Duain Woodruff, NIOC Hawaii  
 LCDR William Wren, Jr., NCTS San Diego  
 LCDR Holly Yudisky, NAVCYBERWARDEVGRU



## JOINT SERVICE ACHIEVEMENT MEDAL

CTN2 Ameer Alvarado, NIOC Hawaii  
 CTI2 Harry Ashton, NIOC Georgia  
 CTI2 Jehonathan Barden, NIOC Georgia

CTN1 Christopher Bareham, Expeditionary Access Operations, Afghanistan  
 CTR1 Kyle Beccue, NIOC Maryland  
 BU2 Gary Blank, NIOC Sugar Grove  
 CTI1 Steven Bloom, NIOC Hawaii  
 CTR3 Kayla Breckenridge, NIOC Maryland  
 CTI2 Meagan Brown, NIOC Texas  
 CTT1 Paul Brown, NIOC Colorado  
 CTM2 Michael Burt, NIOC Sugar Grove  
 IT3 Aaron Byrd, NIOC Hawaii  
 CTR2 Cameron Canto, NIOC Georgia  
 LCDR Grant Carmichael, U.S. Strategic Command  
 CTR3 Shyler Casavant, NIOC Sugar Grove  
 AG3 Beverly Coe, NIOC Maryland  
 CTR2 Anna Dearman, NIOC Sugar Grove  
 CTR2 Michael Derosier, NIOC Maryland  
 CTR2 Bonnie Drescher, NIOC Georgia  
 CTI2 Anna Duncan, NIOC Georgia  
 CTM2 Robert Dunlap, NIOC Maryland  
 CTR3 Jonathan Farrelly, NIOC Sugar Grove  
 CTR3 Veronica Fitzgerald, NIOC Colorado  
 MA3 Thomas Frazier, NIOC Maryland  
 ITSN Natasha Friend, NIOC Colorado  
 CTR2 Larry James Galvan, NIOC Georgia  
 CTR3 Gregory Gardner, NIOC Colorado  
 CTI1 Rachel Gasaway, NIOC Hawaii  
 CTRC David Gentile, NIOC Georgia  
 IT3 Donald Gillispie, NIOC Sugar Grove  
 CTI2 Jeffrey Glenn, NIOC Hawaii  
 CTI1 Michelle Goodman, U.S. Central Command  
 IT3 Jonathan Green, NIOC Colorado  
 CTR2 Steven Hames, NIOC Hawaii  
 CTI2 John Hammon, NIOC Hawaii  
 CTI2 Stephen Hatchett, NIOC Texas  
 CTI3 Melissa Hixson, NIOC Texas  
 CTN2 James Howze, CJSOTF – Arabian Peninsula  
 CTI2 Jefferson Huang, NIOC Hawaii  
 CTI2 Michael Jackson, NIOC Hawaii  
 CTR1 Tanesha Johnson, NIOC Hawaii  
 CTI1 Tasha Kamaka, NIOC Hawaii  
 CTR2 Mason Kearns, NIOC Hawaii  
 CTN2 Jordan Klein, NIOC Maryland  
 CTI1 Jeffrey Kleppe, NIOC Georgia  
 CTRC Michelle Kling, NIOC Hawaii  
 CTR2 James Leake, NIOC Sugar Grove  
 CTR3 Joseph Lucius, NIOC Georgia  
 CTI2 Evan Lyles, NIOC Georgia  
 CTR2 Andrew Marso, NIOC Sugar Grove  
 CTR1 Krystal Martin, NIOC Hawaii  
 CTT2 Robert Martin, NIOC Colorado  
 CTI1 James McArthur, NIOC Georgia  
 CTI2 Jonathon McCabe, NIOC Hawaii  
 CTN2 Skyler McClelland, NIOC Georgia  
 CTI2 Jason McMichael, NIOC Georgia  
 CTR1 Antonio Meyer, NIOC Sugar Grove  
 CTR2 Jeffrey Miller, NIOC Hawaii  
 CTR3 Angel Morales, NIOC Sugar Grove  
 CTR2 Christian Mousseau, NIOC Hawaii  
 CTN3 Josiah Moyer, NIOC Hawaii  
 CTR3 Jonathon Mundy, NIOC Colorado  
 CTT2 David Myrick, NIOC Colorado  
 CTI1 Erin Olson, NIOC Menwith Hill  
 CTR2 Aaron O'Neill, NIOC Colorado  
 IT1 Adrien Ormond, SUSLO London  
 CTR1 Michael Rayburn, NIOC Sugar Grove  
 CTR1 Robert Rhodes, NIOC Sugar Grove  
 CTI2 Kyle Roberts, NIOC Hawaii  
 CTRSN Tyler Sato, USCENTCOM  
 CTI3 Douglas Saunders, NIOC Hawaii  
 CTR3 Patrick Schultz, NIOC Sugar Grove  
 CTR3 Matthew Sharpless, NIOC Sugar Grove  
 CTT1 Brandon Silvis, NIOC Hawaii

CTN2 Kyle Smida, NIOC Hawaii  
 CTR2 Ian Smith, NIOC Colorado  
 CTN2 Kyle Smith, NIOC Maryland  
 CTM1 William Stasko, U.S. CENTCOM  
 IT2 Stephanie Stilwell, NIOC Hawaii  
 IT3 Christopher Stoliker, NIOC Hawaii  
 CTR1 Willie Suhre, NIOC Hawaii  
 IT1 Mark Taylor II, NIOC Hawaii  
 CTM2 Ronald Taylor, NIOC Sugar Grove  
 CTR2 Daniel Theisen, NIOC Hawaii  
 CTR2 Brandi Thomas, NIOC Georgia  
 CTTC Michael Tudor, Kabul, Afghanistan  
 ITSN Anthony Ward, SUSLA Korea  
 IT1 Christopher Wardle, NIOC Hawaii  
 CTR3 Andrew Wilgus, NIOC Georgia  
 LS2 Richard Wolford, Jr., NIOC Sugar Grove  
 CTM3 Arthur Young, SUSLA Korea  
 CTR2 Megan Young, NIOC Colorado



**NAVY AND MARINE CORPS  
 ACHIEVEMENT MEDAL**

CS2 Delisha Adams, CYBERFOR, VA Beach  
 LTJG Jordan Adler, FLT CYBERCOM, FT Meade  
 CTT1 Casey Alexander, NCTAMS PAC, Wahiawa  
 IT2 Brady Allen, NCTAMS PAC, Wahiawa  
 IT2 Vincent Amos, NCTS San Diego  
 IT2 Nhial Amposta, NIOC San Diego  
 IT1 Isaac Anthony, NCTAMS PAC, Wahiawa  
 CTN2 Andrew Baker II, NIOC Georgia  
 IT3 Melissa Bania, NCTS San Diego  
 CTRSN Edward Banks, NIOC Maryland  
 CTIC Steven Barbee, COMNAVCRUITCOM  
 Millington, TN  
 CTR2 Chance Barefield, NAVIODET Digby  
 ET1 Brandy Barry, NCTS San Diego  
 CTRCS Laveda Basford, NIOC Georgia  
 CTN3 Justin Bates, NIOC Pensacola  
 CTT1 Nicolette Baucom, NETWARCOM,  
 VA Beach  
 IT1 Troy Beiderbecke, NCTAMS LANT DET Rota  
 LT Brent Benlien, NETWARCOM, VA Beach  
 CTR2 Theodore Bodine, NIOC Hawaii  
 CTI2 Justin Bolivar, NIOC Georgia  
 IT1 Christopher Brannan, NMCI DET San Diego  
 CS2 Joseph Breedlove, NIOC Maryland  
 IT3 Christina Bremmerman, NCTS Naples  
 IT2 Daniel Brown, NCTS San Diego  
 CTR2 Steven Burns, NIOC Hawaii  
 IT1 Oliver Carlin, NCTAMS PAC, Wahiawa  
 CTN1 Michael Carroll, NIOC Norfolk  
 IT2 John Catsimanes, NIOC Georgia  
 CTR2 Jeremy Chappell, NIOC Hawaii  
 IT1 Adrienne Charles, GNOC DET Norfolk  
 IT1 Oscar Chavez, NCTS Yokosuka  
 CTR1 James Cheney, NIOC Whidbey Island  
 CTI1 Nicole Choquette, NIOC Maryland  
 IT1 Colleen Cofield, NCTAMS LANT, Norfolk  
 CTR1 Shawanda Cole, NIOC Georgia  
 CTM1 Michael Coleman, NIOC Hawaii  
 CTN2 Sara Collison, NIOC Norfolk  
 YN1 Anthony Contino, NIOC Norfolk  
 CTN2 Christopher Conway,  
 NAVCYBERWARDEVGRU  
 IT2 Danae Cook, NCTAMS PAC, Wahiawa  
 CTN1 James Cooper, Jr., NIOC San Diego  
 IT2 Rhodessa Copenheaver, NCTAMS PAC,

Wahiawa  
 ET2 Nelson Correa, NCTAMS LANT Norfolk  
 YN1 Kuyanda Crawford, NCTS San Diego  
 CTN2 Jennifer Creech, NIOC Pensacola  
 CTR1 Jason Crunk, NIOC Hawaii  
 CTM1 Benjamin Current, NIOC Sugar Grove  
 ETC Eric Dagle, NCTAMS PAC Puget Sound DET  
 Whidbey Island  
 CTT1 Ty Dailey, NIOC Georgia  
 CTR1 Alysha Danner, NAVCYBERWARDEVGRU  
 CTR1 Timothy Deaton, NIOC Georgia  
 IT3 Michael Decormier, NCTS Sicily  
 IT2 Shawn Deer, NCTS Jacksonville  
 CTR1 Brandy Delahoussaye, NIOC Hawaii  
 CTR2 Krista Delap, NIOC Hawaii  
 MA2 Christopher Delawrence, NIOC Hawaii  
 CTM1 Craig Demattia, NR NIOC GA-Greensboro  
 CTR2 Grant Dempsey, NIOC Misawa  
 LTJG Joshua Dennis, NCTAMS PAC, Wahiawa  
 CTM3 Pascual Dicarolo, NIOC Sugar Grove  
 CTT1 Mark Donahue, NIOC San Diego  
 CTT1 Michael Druilhet, NIOC Georgia  
 IT1 William Dryer, NCTAMS PAC, Wahiawa  
 YN3 Terrance Dubose, NCTS Far East  
 CTN2 Harold Dunlap, Jr., NIOC Pensacola  
 YN2 Kassiana Earp, NETWARCOM, VA Beach  
 CTT1 Matthew Ekker, NIOC Texas  
 LT Ryan Elkins, NIOC Hawaii  
 CTRC Dominic Ellis, NIOD Jacksonville  
 CTT1 Jami Erwin, NIOC Texas  
 IT2 Michael Evans, NIOC Norfolk  
 IT2 Alvin Faircloth, NCTS Far East  
 CTT3 Corey Fell, NIOC Texas  
 CTR1 John Felsing, NIOC Texas  
 IT1 Gabriella Feracho, GNOC DET Norfolk  
 ITC Jennifer Fisher, NCTAMS LANT DET Hampton  
 Rds  
 LTJG Paul Fisher, NIOC Hawaii  
 CTM2 Chase Fleming, NIOC Norfolk  
 LTJG William Fleming, NIOC Hawaii  
 CTR1 Sarah Foland, NIOC Bahrain  
 LTJG Timothy Foley, NIOC Hawaii  
 CTR1 Joann Forsyth, NIOD Kaneohe Bay  
 CTN2 Jennifer Fowkes, NIOC Norfolk  
 IT2 Peter Francisco, NCTS San Diego  
 CTN2 Dayton Franks, NIOC Pensacola  
 IT3 Jerrell Frazier, NCTSC DET Oklahoma City  
 LT Raymond Fredricks, NIOC San Diego  
 YNSN John Freeze, NCTAMS PAC, Wahiawa  
 CTT2 Christopher Frey, NIOC Maryland  
 CTR1 Robert Fuentes, FLT CYBERCOM, FT Meade  
 CTN2 Tyrone Fuller, Jr., NIOC Georgia  
 CTT2 Christopher Gamsby, NIOC Hawaii  
 IT1 Joshua Gant, NCTAMS PAC, Wahiawa  
 LS1 Nicki Garcia, NIOC Hawaii  
 CTT3 Michael Gilliam, NIOC Texas  
 EO3 Elijah Godbold, NIOC Hawaii  
 CTR1 Robert Golden, CENINFODOM Corry Station  
 CTM1 Sarah Goodale, NIOC Hawaii  
 IT2 Cassidy Gordon, NMCI Det Norfolk  
 CTT2 Amanda Gray, NIOC San Diego  
 IT3 Nicholas Grayson, NAVCYBERWARDEVGRU  
 CTR1 Abbey Green, NIOC Menwith Hill  
 CTT1 Kristalina Greene, NIOC Colorado  
 IT1 Michael Gregory, NCTS Jacksonville  
 CTR1 Thomas Griffith, NIOD Kaneohe Bay  
 ITSN Victor Guzman, NCTS San Diego  
 IT1 Bryan Hamel, NCTAMS LANT DET Rota  
 ITC Michael Hammer, NCTAMS LANT, Norfolk  
 CTM2 Andrew Hanson, NIOC Texas  
 IT2 Casey Hardy, NIOC Norfolk

IT1 Keith Harris, Jr., NCTS Naples  
 IT1 David Hart, GNOC DET Norfolk  
 IT3 Thomas Hart, NCTS Guam  
 IT2 William Hastings, NCTAMS PAC, Wahiawa  
 CTN1 Bruce Hawkins, NIOC Norfolk  
 CTR1 Dennis Hazelwood II, NIOD Digby  
 IT1 Tuladus Hennings, NCTAMS LANT DET Hampton Rds  
 CTM2 Ben Hernandez, Jr., NIOC Texas  
 ITC Roger Hickman, Jr., NCTAMS LANT, Norfolk  
 IT1 Adria Hicks, NMCI DET Norfolk  
 CTT1 Jennifer Hinkley, NIOC Hawaii  
 IS1 Anthony Hipszer, NCF FID Washington DC  
 IT1 Devin Holt, NCTAMS LANT DET Souda Bay  
 IT2 Alex Homer, NCTAMS PAC, Wahiawa  
 MA2 Nicole Hoskinson, NIOC Hawaii  
 CTR2 Samuel Howard, NIOC Hawaii  
 CTN1 Robert Hubbard, NCDOD  
 CTT2 Curtis Hughes, NIOC Norfolk  
 IT2 Jeffrey Hughes, NCTAMS LANT, Norfolk  
 LTJG Elizabeth Hutchins, NIOC Norfolk  
 LT Robert Ireland, CYBERFOR, VA Beach  
 CTM2 Michael Irons, NIOD Groton  
 LT Gene Jackson, NIOC Norfolk  
 LS1 Jamie Jackson, NIOC Norfolk  
 ITCS Laterrance Jackson, NIOC Georgia  
 IT1 Yossarian Jackson, NCTS Naples  
 CTN2 Kelsey Jacobsen, NIOC Pensacola  
 CTR1 Alexander James, NIOC Hawaii  
 IT3 Daniel Johns, NCTSC DET Patuxent River  
 LT Dustin Johns, NIOC Maryland  
 IT2 Cleodis Johnson, NIOC Norfolk  
 IT1 Reginald Johnson, NMCI DET San Diego  
 YN1 Brandy Johnson-Snowden, FLT CYBERCOM, FT Meade  
 YN1 Belinda Jones, CYBERFOR, VA Beach  
 CTT1 Floyd Jones, NIOC Norfolk  
 CTICS Maureen Kelley-Parks, NETCENWARGRU Pensacola, FL  
 CTN1 Anthony Kelly, NIOC Pensacola  
 CTICM Peter Kelly, NIOD Seoul  
 CTR2 Timothy Kenney, NIOC Georgia  
 IT2 Nathan Kerley, NCTS San Diego  
 ITSN Robert Kersey, NCTS Bahrain  
 CTT1 Levon Kirkpatrick, NIOC Maryland  
 CTT2 Clifford Kuchenbrod, NIOC Hawaii  
 ITSN Brandon Lantz, NCTS San Diego  
 YN3 Brian Larsen, NIOC Norfolk  
 CTMC Gary Lattimore, NIOC Yokosuka  
 ET2 Raymond Lau, NCTS Sicily  
 CTT1 Suzanna Laudenschlager, NIOC Georgia  
 CTR2 Amanda Law, NIOC Pensacola  
 CTN2 Brian Lawson, Jr., NIOC Maryland  
 LT Nigh Le, NCTAMS PAC, Wahiawa  
 YN2 Calvin Leatherwood, Jr., COMNAVNETCENWARGRU  
 IT2 Devin Lee, NCTS Sicily  
 IT1 Joseph Leonguerrero, NCTAMS PAC, Wahiawa  
 IT1 James Lerlo, NCTS Bahrain  
 CTIC Steven Lewis, NIOC Texas  
 IT3 Tiesha Lexion, NCTAMS PAC, Wahiawa  
 IT1 Bradley Libbey, NIOC Maryland  
 IT1 Irene Long, NETWARCOM, VA Beach  
 CTM1 Kris Long, NIOC Hawaii  
 ISC Latoya Long, NIOC Norfolk  
 ET2 Kaipo Lopes, NCTAMS PAC, Wahiawa  
 ET1 James Lopez, NCTSC DET Oklahoma City  
 CTT1 Megan Lucas, NIOC Hawaii  
 CTR2 Antonio Lucero, NIOC Hawaii  
 IT3 Ashley Lumas, NCTSC DET Oklahoma City  
 CTT1 Sara Lussier, NIOC Bahrain  
 IC2 Carlo Magtoto, NCTAMS LANT DET Guantanamo Bay  
 ITCS Matthew Mannon, NCTAMS PAC DET Puget Sound  
 ET1 Kevin Manuel, NCTAMS LANT, Norfolk  
 CTT1 Alfred Martin, NIOC Hawaii  
 ET2 Shaun Matthews, NCTS Bahrain

CTR1 Matthew Maupin, NIOC Hawaii  
 ET1 Lisset McCord, NCTAMS LANT DET Hampton Rds  
 CTR1 Krysten McCreedy, NETWARCOM, VA Beach  
 IS2 Andrew McFadden, NCF FID Washington DC  
 ITC Ryan McGearry, NR NIOC HI-Tacoma  
 YN2 Max McGuire, NIOC Texas  
 IT2 Craig McKnight, GNOC DET Norfolk  
 OS1 Marco McKoy, NIOC Norfolk  
 CTT1 William Mclean, CYBERFOR, VA Beach  
 YN1 Matthew Medina, NIOC Georgia  
 CTT1 Ryan Melling, NIOD Jacksonville  
 CTRC Juis Mendez, NIOC Hawaii  
 IT1 Andrew Meyers, NCTAMS LANT, Norfolk  
 IT1 Jonathan Michaud, NCTAMS LANT DET Hampton Rds  
 CTRC Shawn Modisetse, NIOC Menwith Hill  
 IT2 Kimberly Moore, NIOC Norfolk  
 ET2 Patrick Moore, NCTS Sicily  
 CTT1 Victoria Moore, NIOC Norfolk  
 CTM3 Marion Murdaugh, III, NAVCYBERWARDEVGRU  
 IT1 Magdalena Muro, NCTS San Diego  
 CTT1 James Murphy, NIOC Pensacola  
 IT3 Karsten Neustifter, NCTS Far East Yokosuka  
 LT Qui Nguyen, NIOC Suitland  
 CTM2 Daniel O'Brien, NIOC Hawaii  
 CTRC Esther Ocampo, NIOD Digby  
 IT1 Kristopher Ohlsson, NIOD Digby  
 CTT1 Gerald Oubre, NIOC Colorado  
 CTRCM Brian Palmer, NIOC Sugar Grove  
 ET2 Shara Parrish, NCTAMS LANT DET Hampton Rds  
 CTN2 Sarah Patino, NIOC San Diego  
 ET3 Rachel Patten, NCTS San Diego  
 CTN2 Alonzo Pearce, NIOC Pensacola  
 CE1 Miguel Perez, NCTS Jacksonville  
 CE1 Michael Perezdejesus, NCTS Jacksonville  
 CTM3 Ashley Pfahl, NIOC San Diego  
 IT3 Giabao Pham, NCTS San Diego  
 YN3 Jasmy Phinizy, NIOC Georgia  
 YNC Diana Pitzen, NIOC Hawaii  
 CTR2 Nathaniel Plackemeier, NIOC Georgia  
 CTR1 Richard Poe, NIOC Hawaii  
 CTT2 Raynetta Presswood, NIOC Georgia  
 IT3 Mark Quijada, NIOC Maryland  
 CTT1 Robert Quinton, NIOC Georgia  
 CTT1 Ryan Rapose, NIOC Georgia  
 CTT1 David Rees, NIOC Hawaii  
 CTT1 Michael Richardson, NIOC Georgia  
 IT2 Amy Rinearson, NIOC Georgia  
 CTT2 Jorge Rivera, NIOC Georgia  
 IT2 Brandon Robinson, NCTSC DET Oklahoma City  
 IT2 Cynthia Rodriguez, NIOC Norfolk  
 IT3 Tiffany Rodriguez, NCTS Sicily  
 IT2 Andrew Rought, NIOC Hawaii  
 LTJG Marsha Rowell, NIOC Hawaii  
 IT2 Jennifer Roy, NCTAMS PAC Puget Sound DET Whidbey  
 Island  
 CTR2 Christopher Saczynski, NIOC Hawaii  
 IT2 Bryand Salenga, NCTAMS PAC, Wahiawa  
 CWO3 Stephon Sampson, NCTAMS PAC, Wahiawa  
 CTR1 James Sandlin, NIOC Sugar Grove  
 IT2 Shanae Saunders, NCMS Washington DC  
 CTN2 David Sawicki, NCDOD, VA Beach  
 CTN1 Benjamin Schroeder, NIOC Pensacola  
 LTJG Andrew Schumacher, GNOC DET Norfolk  
 CTT3 Jacob Scott, NIOC Hawaii  
 CTN2 Daniel Serrano, Jr., NIOC San Diego  
 CTN2 Benjamin Shady, NCDOD, VA Beach  
 CTT1 Leonard Shteynbok, NIOC Georgia  
 LTJG Kurt Shulkitas, NIOC Hawaii  
 CTT2 Robert Shultz, NIOC Georgia  
 CTR1 Nathan Shutt, NIOC Texas  
 IT3 Steven Sibenaller, NCTAMS PAC, Wahiawa  
 IT2 Ann Silva, COMNAVNETCENWARGRU

CTR1 Amanda Silvestro, NIOC Menwith Hill  
 EMC Rodel Simbulan, NCTS Sicily  
 IT2 Nichole Simmons, NCSMS, Washington DC  
 CTN2 Amanda Smith, NCDOD, VA Beach  
 CTRSN Gregory Smith, NIOC Hawaii  
 IT2 Leighann Smith, NCTAMS LANT DET Hampton  
 Rds  
 CTT1 Wendy Smith, NIOC Maryland  
 ET1 Walesca Sosa, NCTS San Diego  
 IT2 Ryan Spears, NCTS Guam  
 CTT2 Alfonza Spradley, NIOC Georgia  
 CTR1 Juniel Spruiel, NIOC Hawaii  
 IT1 Susannah Staples, NCTAMS LANT DET  
 Hampton Rds  
 IT1 Christopher Stefan, NCTAMS PAC DET Puget  
 Sound  
 CTT2 Carly Steven, NIOC Georgia  
 CTR2 Matthew Stevens, NIOC Hawaii  
 ITSN Billy Stevenson, NAVCYBERWARDEVGRU  
 IT2 Michael Sullivan, NCTAMS PAC, Wahiawa  
 CTT2 Jacilyn Taggart, NIOC Georgia  
 CE1 Yipming Tang, NCTAMS LANT DET  
 Guantanamo Bay  
 CTT2 Kathryn Taylor, NIOC Texas  
 LT Justin Thibault, CYBERFOR, VA Beach  
 IT3 Dustin Thomas, NCTAMS PAC, Wahiawa  
 CTT1 Kirsten Thomas, NIOD Digby  
 CE2 Stacey Thompson, NCTS Far East DET Atsugi  
 CSC Richard Thornton, NIOC Texas  
 IT2 Tara Tonozi, NCTSC DET Oklahoma City  
 CTT2 Ramon Torresmolina, NIOC Georgia  
 IT2 Brian Turner, NIOC Georgia  
 CTT2 Brandon Twite, NIOC Georgia  
 CTR1 Zachary Urban, NIOC Whidbey Island  
 CTR3 Marcus Vasquez, Jr, CYBERFOR, VA Beach  
 CTT1 Jorge Vital, NIOC San Diego  
 CTT1 Caleb Walsler, NIOC Bahrain  
 ET2 Tyler Ward, NCTSC DET Oklahoma City  
 MA2 Abbey Washlack, NIOC Sugar Grove  
 DC2 Christopher Wazny, NIOC Maryland  
 YN1 Michael Welch, COMNAVNETCENWARGRU  
 IT3 Kimberly Wesley, NCTS San Diego  
 IT2 Roger Wesley, Jr., NCTSC DET Oklahoma City  
 ITC Dwayne Whitfield, NCTS Bahrain  
 LT Adrienne Wiggins, NIOC Norfolk  
 CTT1 Ryan Wilke, NIOC Georgia  
 IT2 Kenya Williams, NCDOD, VA Beach  
 CTNC Clinton Willson, FLT CYBERCOM, FT Meade  
 CTN1 Shawn Wilson, NIOC Georgia  
 IT3 Julie Windsor, NCTAMS PAC, Wahiawa  
 IT3 Paul Windsor, NCTAMS PAC, Wahiawa  
 CTT1 Jason Winters, NIOC Maryland  
 CTT1 Jason Winters, Sr., NIOC Hawaii  
 IT3 Emily Wojtal, NCTS San Diego  
 YNC Trang Wood, CYBERFOR, VA Beach  
 CTR1 Nyssa Work, NIOC Texas  
 CTT1 Joseph Yglesias, NIOC Texas  
 CTN2 Aisha Young, NIOC Norfolk

CTI1 Layaka Young, JLTC Ogden, UT  
 CTR2 Megan Young, NIOC Colorado



**MERITORIOUS CIVILIAN SERVICE  
 AWARD**

Christine Carobine, CYBERFOR, VA Beach

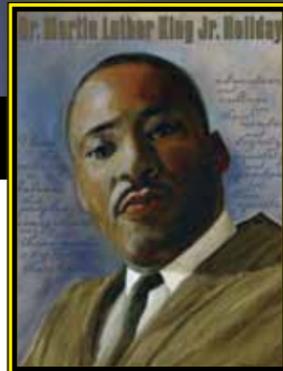


**MILITARY OUTSTANDING VOLUNTEER  
 SERVICE MEDAL**

IT1 Javon Burden, NCTS San Diego  
 CTR1 James Cheney, NIOC Whidbey Island  
 YN1 Kuyanda Crawford, NCTS San Diego  
 YN1 Maurice Evans, NIOC Hawaii  
 IT1 Loushadow Grant, NCTS Jacksonville  
 CTT1 Levon Kirkpatrick, NETCENWARGRU, FT Meade  
 ET1 Kevin Manuel, NCTAMS LANT, Norfolk  
 ITC Althea McCalla, GNOC DET Norfolk  
 CTM1 Courtney Michael, NIOC Yokosuka  
 CTR1 Richard Olney, NIOC Hawaii

**CIVILIAN LENGTH OF SERVICE AWARDS**

Charles Tabor, CYBERFOR, VA Beach - 40 Years  
 Donald Scott, FLT CYBERCOM, FT Meade - 35 Years  
 William Brilvitch, FLT CYBERCOM, FT Meade - 30 Years  
 Lucinda Marshall, FLT CYBERCOM, FT Meade - 30 Years  
 Scott Purser, FLT CYBERCOM, FT Meade - 30 Years  
 George Wallace, CYBERFOR, VA Beach - 30 Years  
 Helena Foreman, NETWARCOM, VA Beach - 25 Years  
 Michael Gregory, FLT CYBERCOM, FT Meade - 20 Years  
 David Phillips, FLT CYBERCOM, FT Meade - 20 Years  
 Charles Dickey, FLT CYBERCOM, FT Meade - 15 Years  
 Timothy Raidl, NETWARCOM, VA Beach - 15 Years  
 Stephanie Butts, CYBERFOR, VA Beach - 10 Years  
 Marianne Chalut, NETWARCOM, VA Beach - 10 Years  
 Belinda Daniels, NETWARCOM, VA Beach - 10 Years  
 Robert Dechamplain, CYBERFOR, VA Beach - 10 Years  
 Lee Hawkins, GNOC DET Norfolk - 10 Years  
 Marie Stanley, GNOC DET Norfolk - 10 Years  
 Clifford Bussey, NETWARCOM, VA Beach - 5 Years  
 Deniese Cobbins, NETWARCOM, VA Beach - 5 Years  
 Christopher Edwards, GNOC DET Norfolk - 5 Years  
 Virginia Lundy, NETWARCOM, VA Beach - 5 Years  
 Rhonda Wade, GNOC DET Norfolk - 5 Years  
 Trenton Walker, CYBERFOR, VA Beach - 5 Years  
 Scott Wooldridge, CYBERFOR, VA Beach - 5 Years  
 Vaughn Xavier, GNOC DET Norfolk - 5 Years



### Black Revolutionary War Patriot

*Wentworth Cheswell (1746-1817)*

Compiled by CYBERFOR Diversity Office

He was the grandson of Richard Cheswell, a slave who gained freedom and became the first black to own property in the colony of New Hampshire, and the son of Hopestill Cheswell, a notable homebuilder who built the homes of several patriot leaders, including John Paul Jones and Rev. Samuel Langdon. Wentworth Cheswell was named after the famous Wentworth family, from whom came several state governors, including Benning Wentworth – the governor at the time of Cheswell's birth.

In 1763, Cheswell began attending an academy in Bayfield, MA, 30 miles from his home. There, he received an extensive education, studying Latin, Greek, swimming, horsemanship, reading, writing, and arithmetic over a four year span.

In 1768, Cheswell was elected town constable – the first of many offices he held throughout his life making him the first black elected to office in America. Two years later in 1770, he was elected town selectman and was considered the "town father" of a community. He also served for seven years as an auditor, six years as an assessor, two years as a coroner, seven years as town moderator presiding over town meetings, and 12 years as Justice of the Peace, overseeing trials, settling disputes, and executing deeds, wills, and legal documents. From 1768 until 1817, Cheswell held some position in local government.

In addition to his civic service, Cheswell was also a patriot leader. In fact, the town selected him as the messenger for the Committee of Safety – an intelligence network during the American Revolution that carried messages back and forth between strategic operational centers. Serving in that position, Cheswell undertook

the same task as Paul Revere, making an all-night ride to warn citizens of imminent British invasion.

In April 1776, he signed a document in which he pledged, "at the risk of . . . life and fortune," to take up arms to resist the British, and in September 1777, he enlisted in a company of Light Horse Volunteers commanded by Col. John Langdon. Langdon later became one of the 55 men who drafted the U.S. Constitution, then a framer of the Bill of Rights, and later the New Hampshire governor. Langdon's company made a 250-mile



march to Saratoga, NY, to join with the Continental Army under Gen. Horatio Gates to defeat British Gen. Burgoyne at the Battle of Saratoga – the first major American victory in the Revolution.

After returning from Saratoga, in the spring of 1778, Cheswell was elected to the convention to draft the state's first constitution.

Cheswell also served as Newmarket's unofficial historian,

copying town records from 1727 (including the records of various church meetings) and chronicling old stories of the town as well as its current events. Additionally, having investigated and made extensive notes on numerous artifacts and relics he discovered in the region around Newmarket, he is considered the state's first archeologist. Therefore, when Rev. Jeremy Belknap published his famous three-volume History of New Hampshire (1784-1792), he relied on and openly acknowledged much information he gleaned from Wentworth.

In 1801, Cheswell helped start the town library to preserve and disseminate useful knowledge and virtue. His commitment to providing helpful information is not surprising, for not only had he become a school teacher in 1767, but in 1776, he was elected as one of five men to regulate and oversee the schools of Newmarket.

In 1817, in his 71st year, Cheswell succumbed to typhus fever and was buried on the family farm, where other members of his family were later buried. When his daughter Martha died, his last surviving heir, her will provided that any members or descendants of the family could forever be buried on the farm. Unfortunately, that family graveyard long lay in disrepair. In recent years friends and family have managed to restore it.

The legacy of Wentworth Cheswell is a lasting one: a patriot, a teacher and a church leader; an historian, an archeologist, and an educator; a judge and an official elected to numerous offices. He is considered the first black elected to office in America. He is truly one of our forgotten patriots, but he is a laudable example for all Americans – a hero worth remembering and honoring during Black History Month.



### CYBERFOR Expands Diversity Training Initiative

From CYBERFOR Diversity Office

CYBERFOR's Diversity office recently took another step in expanding the scope of their diversity training initiative by sponsoring the certification of Dan Deighan and Sharon Shaw as Master Trainers for the Appreciating Differences seminar program.

The program was adopted by CYBERFOR's Diversity office in 2009, with Deighan and Shaw as certified facilitators. They have since completed 15 classes, training 250 employees in the one-day interactive program, designed to encourage consideration of personal differences and how individuals can support an environment where all employees can work to their full potential.

"Having our own in-house facilitators helped reduce our training costs and, more importantly, allowed CYBERFOR to show greater command involvement and support for the Diversity Program," said LCDR Chris Cochran, CYBERFOR diversity officer.

Based on their outstanding facilitation of the course

and positive feedback from participants, Deighan and Shaw were recommended by the Force Diversity Office to become Master Trainers of the program. This qualification allows them to certify and train others to become facilitators of the seminar.

"The benefits gained will be the ability to conduct more seminars with the increased number of qualified trainers," said Cochran. "We will now be able to train employees throughout the Domain as the instructors go back and teach the seminar to their commands. The cost to certify new facilitators will be greatly reduced by using Dan and Sharon vice contract instructors."

Deighan and Shaw completed the two-day Master Trainer certification by training and certifying four new facilitators, including Cochran, ITC Tyree Scott, YN1 Classie Mejia and Stephanie Parker, in a program administered through the contract provider, Novations, Inc.

(Photo by Robin D. Hicks)



(Left to right) Sharon Shaw, ITC Tyree Scott, Stephanie Parker, LCDR Chris Cochran, Dan Deighan and YN1 Classie Mejia.



## DIVERSITY CELEBRATIONS

# NCTS Naples, Italy, Highlights Diversity through Hispanic Heritage Celebration

Naval Computer and Telecommunication Station (NCTS) Naples, Italy, is just one of many Navy commands that takes pride in honoring and celebrating diversity. One major way is through its Hispanic Heritage Celebration.

Having the opportunity to be NCTS Naples' Multicultural Heritage Committee Chairman, celebrating Hispanic Heritage Month holds a special place in my heart. Being of Salvadorian and Puerto-Rican descent, I can honestly say I am very proud of my heritage and enjoy sharing it.

On Oct. 14, NCTS Naples' Multicultural Committee merged with other Naval Support Activity Naples tenant commands in an educational showcase and celebration of Hispanic heritage. The event consisted of Caribbean dancers: IT1 Ana Eskharia, IT2 Pablo Baez, IT3 Nikki Tilley and Marine SSgt. Michael Patterson. A Spanish poem, "Mexican is Not a Noun" was read by YN1 Raquel Chizek. The guest speaker was PSC Gilbert Valencia, and the 6th Fleet Band Woodwind Quintet played a program of Puerto Rican songs. At the end of the program, there was a feast of Latin American cuisine prepared by military members and their families.

"This Hispanic Heritage Celebration gave people the opportunity to learn, listen and see what different cultures are made up of, where they come from, what their typical cuisines are, and how music is a major factor in Latin American culture," said Chizek.

– IT1(SW/AW) Ana Eskharia, NCTS Naples



(Left to right) IT2 Pablo Baez and IT1 Ana Eskharia dance to a Caribbean tune. (Photo by IT2 Shanika Collins)

## UPCOMING DIVERSITY CONFERENCES

CONFERENCE	LOCATION		
American Indian Science and Engineering Society (AISES) Conference	Albuquerque, NM	February TBD	<a href="http://www.aises.org">www.aises.org</a>
Black Engineer of the Year Awards (BEYA)	Philadelphia, PA	February TBD	<a href="http://www.blackengineeroftheyear.org">www.blackengineeroftheyear.org</a>
Sea Service Leadership Association (SSLA) Women's Leadership Symposium	National Harbor, MD	March 5-6	<a href="http://www.sealeader.org">www.sealeader.org</a>
National Society of Black Engineers (NSBE) Convention	TBD	March TBD	<a href="http://www.nsbe.org">www.nsbe.org</a>
22nd Annual National American Indian Science and Engineering Fair	Albuquerque, NM	March TBD	<a href="http://www.aises.org/Events/NAISEF">www.aises.org/Events/NAISEF</a>

FOR MORE INFORMATION ON CYBERFOR'S DIVERSITY PROGRAM CONTACT:  
LCDR CHRISTINE COCHRAN AT (757) 492-8827 X 2 OR CHRISTINE.COCHRAN@NAVY.MIL

## Editor's COMMENTS



In July 2006, two quarterly publications merged to become one for the newly formed Naval Network Warfare Command (NETWARCOM) aboard Naval Amphibious Base Little Creek, Norfolk, VA; *Infoscope* which was published by the Navy Information Operations Command (NIOC) Norfolk, for the purpose of keeping naval personnel informed of the latest developments in information operations and *Domain* which was published by Naval Network and Space Operations Command, (NNSOC) Dahlgren, VA, for the Naval Satellite Operations Center (NAVSOC), Fleet Surveillance Support Command (FSSC), Naval Computer and Telecommunications Area Master Station (NCTAMS) Atlantic (LANT), NCTAMS Pacific (PAC) and NCTAMS Europe/Central Command (EURCENT) to provide naval personnel with naval network and space news and initiatives.

After this edition, *InfoDOMAIN* (*ID*) moves into the digital age; making this issue the last hard copy to be published. Technology and budget cut-backs have led us to conclude that a digital format of *ID* will reach a larger audience than the 4,500 magazines currently mailed throughout the Navy on a quarterly basis. Additionally, we will be saving the Navy publishing costs, since everything will be created and distributed digitally.

The mission statement of *ID* will not change. Under NETWARCOM it served to promote the advancement of Information Warfare through an open exchange of better practices,

tactics, current strategies and future strategies to meet the global challenges of the information warfare domain. Last January, Navy Cyber Forces (CYBERFOR) took charge of *ID* and we are still providing decision superiority for the warfighter; however the *ID* audience now includes the entire Information Dominance Corps.

Our 52-page, quarterly publication initially featured only photos and articles about cryptologic and information specialists and space cadre. Today, we serve the entire Information Dominance Warfare domain: Meteorology/Oceanography, Information Warfare, Information Professionals, Intelligence, and Cyber Warfare Engineering, to name a few. To those of you who responded either positively or negatively to keeping the *ID* hard copy, in our readership survey last spring and on our

Facebook page, we invite you to consider the benefits of a digital *ID* magazine.

*InfoDOMAIN* Digital means:

- No more waiting and no more lost mailings!
- Easy to navigate magazine articles and news on the most relevant topics
- Archived issues online and full issues to store on your computer or mobile device.
- Send articles and pass along full issues to your colleagues.
- Share articles and full issues with groups, in blogs, and on your social networking sites.
- Fewer pages, but a bi-monthly publication with spotlight updates.

We also intend to have spotlighted sections containing up-to-date information and photos. Articles and photos can still be sent to: [george.bieber@navy.mil](mailto:george.bieber@navy.mil).

We hope you liked this 23rd edition and final hard copy version of *ID*. Do not look at this as the end of an era. Our digital version will continue to provide you the same award-winning information technology coverage you've depended on for more than five years now. We will be expanding our coverage, increasing our frequency and offering you articles and photos of the entire Information Dominance Corps throughout the world. Enjoy! ✂

**NOTE:** Until we obtain an exclusive site for *InfoDOMAIN*, you can access the *InfoDOMAIN* at: [www.cyberfor.navy.mil](http://www.cyberfor.navy.mil) or follow us on Facebook at: [www.facebook.com/USNavyCyberForces](http://www.facebook.com/USNavyCyberForces). Be sure to post your comments, offer information and read about the latest in national cyber news and current events at Navy Cyber Forces and across the enterprise.



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