

A PUBLICATION OF THE SPACE AND NAVAL WARFARE SYSTEMS COMMAND

## Navy Combines Two Program Offices into Naval Enterprise Networks Consolidation of PMW 200 and PMW 210 into PMW 205

By PEO EIS Public Affairs

The newly created Naval Enterprise Networks Program Management Office (PMW 205) was officially stood up during a ceremony on Feb. 24 at the Navy Memorial. The program office combines the former Navy Marine Corps Intranet (NMCI) Program Management Office (PMW 200) and Next Generation Enterprise Network (NGEN) Program Management Office (PMW 210), both of which were formally disestablished as part of the same ceremony.

During the ceremony presided over by PEO EIS, Rear Adm. Charles “Grunt” Smith, Capt. Shawn Hendricks was introduced as the new program manager. “The corporate knowledge, experience and success of the NMCI and NGEN program offices were world class and invaluable to the DON. That corporate knowledge and experience are retained and rest within the same personnel that will shortly be forged under the skillful, innovative and dynamic leadership of Capt. Shawn Hendricks into one end-to end enterprise terrestrial network team,” Smith said.



(Left to right) Rear Adm. Charles “Grunt” Smith, program executive officer for Enterprise Information Systems; Capt. Timothy Holland, program manager PMW 210; Capt. Scott Weller, program manager PMW 200; and Capt. Shawn Hendricks, program manager PMW 205.

Continued on page 2



## An Interview with SSC Pacific CO

By Ann Dakis, SSC Pacific Public Affairs

On Dec. 10, Capt. Joe Beel relieved Capt. Mark Kohlheim as commanding officer of SSC Pacific.

Beel is familiar with the Center and its leadership. He has worked within Team SPAWAR since 2006, as chief of staff for PEO C4I and deputy program manager for the Tactical Networks Program Office (PMW 160).

“Much of the program office workforce is composed of systems center personnel, and a lot of technical design, logistics work and technical evaluations are done here. Also I have worked with SSC leadership on CAO and understand how the overall organization works,” he said.

Beel is a pilot, which is a change from the several previous commanding officers who served on surface ships and submarines. But he feels that his background in aviation will be a strength in delivering the Chief of Naval Operations’ vision for Information Dominance to our Navy and joint warfighters.

“Naval aviation delivers air dominance based on a robust community that relies on Naval Air

Continued on page 11

### March/April Calendar of Events

24	SIEN
1	April Fools Day
1	Navy League Breakfast
4-8	AFCEA Cyber Symposium
11-13	Sea Air Space
13	NDIA Monthly Luncheon

# Contents

Navy Combines Two Program Offices into PMW 205	1-2
An Interview with SSC Pac CO	1, 11
From the Top — The First 180 Days	3
Terry Simpson Q & A	4-5
ONR Develops New Acquisition Model for Delivering Information	6
TMIP-M: Medical Information in the 21st Century	7-8
Women's Milestones in Naval History	9
High School Students Participate In SPAWAR IT Shadow Day	10
NMCI Program Manager Capt. Scott Weller	10
Feghali Earns PMW-120 Award	11
San Diego Community Events	12
SPAWAR Social Media Sites	12

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### PMW 205 Established

*Continued from page 1*

The establishment of the new program office consolidates the functions of the former PMW 200 and PMW 210. "The establishment of the Naval Enterprise Networks Program Management Office is a strategic and natural evolutionary step in the acquisition of our information technology (IT) networks for the Department of the Navy," Smith said. "This is our opportunity to unify the department's terrestrial networks and data management to improve capability and service, while saving significant dollars by focusing our efforts under one program office and one enterprise network construct."

Smith offered a special thanks to the leaders of those two program offices, Capt. Scott Weller, program manager of PMW 200 and Capt. Timothy Holland, program manager of PMW 210. During the ceremony, Weller and Holland were each awarded the Legion of Merit for exceptional meritorious leadership and management of their programs.

NMCI was created in 2000 to consolidate thousands of stove-piped networks into one centralized, secure naval network through a first-of-its kind acquisition approach to information services consolidation, technology standardization and enterprise-wide oversight of network operations. NGEN is the follow-on acquisition approach to providing enterprise network services originally consolidated under NMCI, and represents the continuous evolution of the Department of the Navy's enterprise networks. The contract for NMCI services ended Sept. 30, 2010. An NMCI Continuity of Services Contract (CoSC) for NMCI services began Oct. 1, 2010 with the incumbent provider, Hewlett-Packard Enterprise Services, to bridge the timeframe between the end of the NMCI contract and the competitive award of NGEN Increment one contracts. In its first increment, the NGEN acquisition approach will start with the same architecture of the network under the NMCI contract from 2010. Modeling the acquisition after Fortune 500 CIO best practices for information technology use within their own firms, the NGEN acquisition is taking a segmented approach to acquiring IT services.

"Over the past 10 years, NMCI has transformed from a business system into an essential battle space used to protect national security, providing Sailors and Marines with the IT tools they need to complete their missions," Smith said. "PMW 200 has been teaming to revolutionize the shore-based networks, while PMW 210 has focused on assuring that we maintain these efforts and prepare for the future. As we establish PMW 205, the new program management office will oversee the transition from NMCI to NGEN, a critical capability for the department's warfighters."

"PMW 205 is about the future," Hendricks, said. "It is a future that provides virtualization, agility, flexibility, mobility and security - all delivered at a better price than they are today. There are no secrets - it is clear what we must do."

Guest speaker for the PMW 205 establishment was James E. Thomsen, principal civilian deputy assistant secretary of the Navy for Research, Development and Acquisition. Thomsen spoke about the vision in creating NMCI and the accomplishments of PMW 200 and PMW 210 in creating a secure, computer network to outpace current and future cyber threats and challenges.

"Captain Hendricks, you are inheriting two excellent programs," Thomsen said. Issuing a challenge to the new PMW 205 program manager, Thomsen continued, "Take the network we have today, that we are so dependent on and with the help of our industry partners, not miss a step and not lose any ground in reliability, supportability and performance." ■

# FROM THE TOP—THE FIRST 180 DAYS

February marked my first six months on board as SPAWAR Commander and it's a good time to recap and pass on a few perspectives on the Command and where we're heading. First of all, I am even more excited and honored to be in this job today than I was at the change of command Aug. 6, and I didn't think that would be possible! The reason is simple: over the past months I've had the chance to meet many of you and see first-hand the truly dedicated and talented professionals that make up our world-wide team. We have a complex, challenging job to do, and you do it well. Thank you for making SPAWAR what it is and delivering those Information Dominance capabilities the fleet needs to fight and win.

When I first came on board in August, I had benefit of timely and valuable input from many Navy leaders and SPAWAR customers. With this information in hand, I implemented several course adjustments to keep SPAWAR on track to best meet those fleet requirements. From the broader perspective, we concentrated on three key organizational themes that would allow us to fully capitalize on the talent of our organizations: (1) Realize our role as the Navy's Information Dominance Systems Command; (2) "No seams" in Team SPAWAR; and (3) Efficiency from a larger Navy point-of-view. Within this framework we identified "quick wins" we could achieve for our customers and stakeholders while also allowing us to measure our progress and success.

Over the first few months we took a hard look at ways to line up development and deliveries to most efficiently provide C4I systems to new platforms—to save money and time. We worked with regional maintenance centers to speed repair of our systems, reduce the CASREP response time and improve fleet readiness. We focused our technical authority to optimize test and certification procedures and up-front system of systems engineering to achieve interoperability earlier in the development cycle and avoid costly problems later on. Our system centers worked closely with 10th Fleet to address their requirements and accelerate attention to software updates, network security and awareness tools. Finally, we looked at efficiency from top to bottom to find ways we can deliver more with every dollar, whether through our work acceptance procedures or at the individual job level.

## ANCHORING THE CHANGE BY PRODUCING RESULTS

I'm proud of the progress SPAWAR has made over the past six months. We're not done with all those initial efforts, but we did reach a point where we could transition those tasks into new areas of focus to anchor the change and produce clear results for the fleet. These new focus areas are detailed in my Commander's Guidance for 2011.

The key objectives from my guidance—build affordable future Information Dominance capability; maintain, modernize and integrate existing fleet; and develop premier Information Dominance acquisition workforce—align directly with the CNO's objectives for 2011. Alignment drives prioritized, efficient operations that are especially critical during austere budgetary environments but always important to ensure our work supports fleet requirements.



## LOOKING AHEAD

The cornerstone of our efforts, our mission, is making the Navy's Information Dominance vision a reality. The vision provides that common reference for us to engage in the right areas across Navy operational and supporting commands to help fully leverage information as warfare. The vision is advancing rapidly and SPAWAR is keeping pace. Just 18 months ago the Navy initiated the organizational transformation (OPNAV N2/6, FLTCYBERCOM/10TH Fleet) and establishment of the Information Dominance Corps. With that foundation in place, the Navy is moving ahead and shifting attention to training and implementation of Information Dominance capabilities.

The takeaway is that the need for Information Dominance in the Navy, DOD and the nation continues to grow in importance. The work we do across SPAWAR and with our partner systems commands is critical to provide the information "high ground" our forces need to meet current and future operational requirements. As I mentioned earlier, this is complex work and you do it very well.

Over the next few months, I hope to witness more of that work and hear your ideas on the best ways to efficiently innovate and deliver the tools our fleet needs. I also encourage you to post your ideas on my blog: <https://blog.spawar.navy.mil/pbrady/>. Thank you for the hard work SPAWAR and keep charging forward. ■

# INFORMATION DOMINANCE, AGILE ACQUISITION AND INTELLIGENCE INTEGRATION

## An Interview With Terry Simpson, PEO C4I's Principle Deputy for Intelligence

By Kara McDermott, SPAWAR Public Affairs

**FORCEnews:** You have a rather unique position at SPAWAR, considering you're assigned to the acquisition community by the Director of Naval Intelligence. Could you explain your role?

**Simpson:** My role is Defense Intelligence Senior Level (DISL) executive assigned by the Deputy Chief of Naval Operations for Information Dominance (OPNAV N2/N6) as the senior intelligence liaison to the Navy's acquisition community. As a DISL, I occupy a Navy intelligence executive billet, plus I am a member of the Navy's acquisition professional community in my position as PEO C4I's principal deputy for intelligence. This position was created and placed at PEO C4I to directly advise and influence the Navy's intelligence acquisition activities through the programs of record and other initiatives we manage.

Since this position was created, numerous significant changes have occurred across the Navy. The Chief of Naval Operations (CNO) reorganized leadership responsibilities across the Navy's information domain to create the OPNAV N2/N6, Fleet Cyber Command (10th Fleet), and Navy Cyber Forces Command organizations. These changes across the Navy's information domain are influencing and broadening the expectations of PEO C4I and Team SPAWAR, and, likewise, have helped to shape my role. A significant amount of my focus is placed on externally-linked activities to build and maintain the key partnerships needed to achieve the Navy's vision for Information Dominance. This is a unique and very interesting position during a time of significant transformation across the Navy's information domain!

**FORCEnews:** What are your goals and objectives in this position?



**Simpson:** Since the beginning, my primary goals in this position have been to:

- ➔ Drive more agile acquisition of command, control, communication, computers, intelligence surveillance and reconnaissance (C4ISR) capabilities in support of the Navy's Information Dominance vision.
- ➔ Influence coordination and synchronization of ISR, information operations and cyber investments and strategy across operational and acquisition boundaries, to include science and technology, the joint services and the greater intelligence community.
- ➔ Champion top priorities of senior Navy leadership to deliver cost-wise results in meeting warfighter needs in the information domain.

Given these goals, my top priorities for 2011 are as follows:

- ➔ Lead innovative C4ISR acquisition and fielding initiatives and champion all efforts under PEO C4I Strategic Goal#2 – “Rapid Capabilities to the Warfighter.”
- ➔ Lead the development of the PEO

C4I data strategy in alignment with Team SPAWAR and Navy.

- ➔ Guide the Navy acquisition community's focus on Processing, Exploitation and Dissemination capabilities and mission needs.

In addition to these priorities, I'll continue working to increase synergy across our portfolio as we deliver transformational ISR, command and control, information operations and meteorological and oceanographic capabilities to meet fleet requirements. We also partner with the greater Department of Defense intelligence community to develop the intelligence workforce and leverage best practices. I'll continue to work closely with our program offices on all efforts to ensure we're pursuing a strategic approach while delivering critical capabilities to the warfighter.

**FORCEnews:** What stakeholders do you primarily interact with? And what are some of the key initiatives that you are working on with these stakeholders?

**Simpson:** Depending upon the subject, I collaborate with a number of key stakeholders on partnership efforts and on the strategic direction of specific ISR and information operations initiatives. I also interact at the leadership level with organizations inside and outside the Navy to try to solve some of the hard acquisition problems we face in today's military environment. I'll highlight a couple of key initiatives that I'm currently working on with the Marine Corps and OPNAV N2/N6.

In partnership with the Headquarters Marine Corps' Intelligence Directorate (HQMC-I), we are collaborating to establish

*Continued on page 5*

a governance and process model appropriate for rapid adaptive discovery and / or development, test, certification and deployment of naval ISR capability. Meanwhile, a senior DoD IT Acquisition Reform Task Force is executing against a Congressional mandate, per 2010 NDAA Section 804, to revamp IT acquisition processes. The task force is considering innovative IT acquisition initiatives to serve as exemplars for the DoD way ahead. Preliminary discussions within the Navy and the Office of the Secretary of Defense indicate that our joint HQMC-I and PEO C4I project may be well-suited to assist in mapping out new processes.

As follow-on to the Maritime ISR Enterprise Acquisition review, I am working with PMW 120 and N2/N6 leadership to examine the concepts of operation for the operational intelligence Tasking, Collection, Processing, Exploitation and Dissemination (TCPED) functions. This essentially considers the entire intelligence process, and will drive scalable and flexible IT solutions for effectively integrating unmanned systems operations as well as other new sensor platforms. Our infrastructure and processing, exploitation and dissemination capabilities should appropriately scale across platforms, and they need to address manned and unmanned systems in the undersea, surface, aviation and space domains.

**FORCEnews:** What are the major challenges/obstacles you see in achieving your goals?

**Simpson:** Obviously financial resources are a top concern to everyone. We are working under a continuing resolution in Congress right now and so we can't afford to waste any financial resources or miss any opportunities to be innovative. As Secretary Gates has said, it would be a

## ON INFORMATION DOMINANCE:

“The ultimate goal is for our warfighters to achieve an operational advantage in a conflict, or to control the situation in operations other than war while denying those capabilities to an adversary.”

disaster for the military to be running on a yearlong continuing resolution because many of our programs would be negatively impacted.

Just recently, the CNO commented in National Defense Magazine that he “has directed Navy planners to boost funding and to speed up the design and production of unmanned systems. But he cautioned against pouring money into technological pipedreams that the Navy can't afford.” When investing in unmanned platforms, a major consideration that cannot be overlooked by planners are the resources, systems and infrastructure needed to connect the platforms to deliver an end-to-end warfighting capability.

In a larger context of the Navy's Information Dominance vision, personnel resources and workforce development could prove to be one of the major challenges. This is why the Deputy CNO for Information Dominance created the Information Dominance Corps (IDC) last year. Creation of the corps provides a more comprehensive capability for addressing the Navy's current and future information workforce needs. In addition,

we need to have acquisition trained members in the IDC who are capable of assisting in the requirements and budgeting processes, and operators who understand how to engage and make acquisition processes more effective for delivering the right capabilities in a timely fashion. This will enable operational personnel to better understand the delicate balance of priorities that must be navigated so that they can help set realistic, affordable and prioritized requirements for the information capabilities we deliver.

**FORCEnews:** What kind of involvement do you have with industry?

**Simpson:** I, and other PEO C4I leadership, meet periodically with industry partners and non-traditional partners to learn about technologies and best practices in areas such as data strategy, cloud computing and cyber security. Additionally, I gain exposure to various perspectives and approaches from players across the intelligence community. One fortunate aspect of my position is that I don't have to fulfill a source selection official role for any of our programs. This enables me additional freedom to interact with industry and potential non-traditional partners in discussing technologies, methodologies and strategies.

Just last month we met with Bloomberg officials to discuss cyber security and how they integrate it into their business. For Bloomberg, transparency is a critical aspect of their corporate culture, which cannot be overstated. It's pervasive throughout the corporation and exemplified by their all-glass headquarters building with few internal walls. Transparency is critical to Bloomberg's credibility with customers in trusting the

**[To continue reading this article, click here.](#)**

# ONR Develops New Acquisition Model for Delivering Information to the Fleet

By Geoff S. Fein, Office of Naval Research

To rapidly develop a new way to deliver information to the fleet, the Office of Naval Research (ONR) has created a unique acquisition approach that developers outlined at the Feb. 22-24 Institute of Electrical and Electronics Engineers (IEEE) conference in Miami.

The Command and Control Rapid Prototyping Continuum (C2RPC), a collaborative effort between ONR, the Program Executive Office Command, Control, Computers, Communications and Intelligence (PEO C4I) and Commander Pacific Fleet (COMPACFLT), will improve battle commanders' access to fleet readiness.

"This has been a change in how we do acquisition, in that we've been doing it in an accelerated timeline," said Gary Toth, ONR C2 program manager. "It's been a true partnership between science and technology and the operational user."

"The effort is also the model for rapid acquisition at PEO C4I and is changing how that command does business too," he said.

Toth delivered the keynote address on the first day of the IEEE conference on Cognitive Methods in Situational Awareness and Decision support.

C2RPC is a software application hosted on web servers at SSC Pacific. The application runs from standard web browsers at COMPACFLT in parallel with operational, live data.

The next generation C2 technology goes beyond tracks on a map. It provides continuous, rapid delivery of warfighter capability, through direct fleet involvement, to support time-sensitive decision-making.

With C2RPC, crucial information about fleet readiness, gathered from multiple sources, will be available in one place at the same time. For example: logistics or ammunition load out will be accessible by operators on one computer.

Another advantage of the command and control system is the ability to geo-locate all of the resources under the command of warfighters—from allocation, to position, to available capabilities—to meet a host of mission scenarios, from humanitarian relief to major theater conflict.

"ONR support has been crucial to this effort, bringing the vision of what is possible in the future," said Capt. Bruce Stewart, director of operations, Pacific Fleet.

"You can make informed, aligned, decisions through the chain of command, because everyone will be looking at the same information," Stewart said. "It's a great system, a great model, for how to develop systems with close collaboration of the fleet."

"Not only has C2RPC been released to Pacific Fleet for operational evaluation and day-to-day use, the tool is being used to provide daily briefs to Navy leadership and Adm. Patrick Walsh, commander Pacific Fleet," said Gary Shaffer, deputy technical director, chief engineer for emerging technologies (PMW-150), PEO C4I.

"Sailors are becoming more accustomed to the technology that provides them with a global picture of fleet resources," Shaffer said. "We are in discussions with the 5th, 6th, 7th and 10th fleets. They all want C2RPC."

ONR and PEO C4I are also preparing to deliver, for operational evaluation, a capability called MAGIC MIRROR, which provides a 24/7 command and control capability to monitor and assess the intelligence architecture.

Sailors will get to work with MAGIC MIRROR during the annual weeklong Terminal Fury exercise. The training tests Pacific Command's ability to respond to the broad challenges it faces in the region. ■



## ABOUT THE OFFICE OF NAVAL RESEARCH

The Office of Naval Research provides the science and technology necessary to maintain the Navy and Marine Corps' technological advantage. Through its affiliates, ONR is a leader in science and technology with engagement in 50 states, 70 countries, 1,035 institutions of higher learning and 914 industry partners. ONR employs approximately 1,400 people, comprising uniformed, civilian and contract personnel, with additional employees at the Naval Research Laboratory in Washington, D.C.

# TMIP-M

## MEDICAL INFORMATION IN THE 21ST CENTURY

By Tina C. Stillions, SPAWAR Public Affairs



It's 0930 in Iraq. Petty Officer 3rd Class John Smith, Naval Special Warfare Development Group, requires emergency medical treatment after a roadside bomb detonates near his unit. A corpsman works frantically to save the man's life. Health care records are needed to devise a plan of treatment for the seriously injured man. A wrong prescription could prove fatal.

At the same time, another corpsman logs onto his computer and runs a search for the injured man's electronic health records that are documented in the Theater Medical Information Program-Maritime (TMIP-M) family of systems. The corpsman retrieves anything needed to treat the wounded Sailor: known drug allergies, pre-existing medical conditions, X-rays. The TMIP-M family of systems includes Armed Forces Health Longitudinal Technology Application-Theater (AHLTA-T), Armed Forces Health Longitudinal Technology Application-Mobile, Theater Medical Data Store (TMDS), Joint Medical Electronic Workstation (JMEWS) and TMIP CHCS Caché (TC2). The user interfaces enable input and retrieval of crucial medical information. Real-time data is on its way from TMDS to the medical team in theater.

Once the record is updated in AHLTA-T, pertinent medical treatment information is transferred from the point of injury on the battlefield to TMDS. With TMIP-M, there is now visibility of the wounded Sailor's Navy health record to those who will be treating him. When Petty Officer Smith is admitted to the emergency medical facility, medical providers document his treatment in TC2. Wherever Smith goes during his course of treatment from this point forward, his electronic health record will follow. Combatant commanders worldwide can view in-

theater medical data, environmental hazard identification and exposure data, and critical logistics data, such as blood supply, hospital bed and equipment availability in JMEWS

Though this is a fictional scenario of what could happen on the battlefield, given real-life conditions, a similar chain of events would unfold. TMIP-M will rapidly change the way the Navy treats patients and then tracks their records. It's electronic health record management for the 21st century.

TMIP-M is the Navy's infrastructure program for the Department of Defense's Theater Medical Information Program-Joint (TMIP-J) program. An integrated family of systems, TMIP provides clinical data collection and data transmission capability from and to combat or other hostile environments involving deployed forces. Records created in theater become part of a person's permanent electronic medical record and follow him or her for life. The electronic health record replaces the old paperwork system that often left pieces of one's medical records scattered among different medical facilities throughout the United States, if not the world.

"The overarching goal of TMIP is to create joint systems that will serve the requirements of all the services and eliminate the need for service-specific programs," said Claudia Kiefer, TMIP-M program manager at SSC Atlantic's Norfolk office.

TMIP-M will provide global availability and linking of information databases anytime, anywhere, in any mission. It supports the-

ater health services personnel and enables time-sensitive, decision-making capability critical to life and death situations. Not only does the system offer integration of medical care, but it aggregates medical data in order to support all echelons of care from theater operations in places like Iraq and Afghanistan to medical missions in the United States. It is a military health records system that addresses an array of functional areas, including command and control, planning functions, medical logistics, blood management, image repository, patient regulation and evacuation, medical threat/intelligence, health care delivery, and medical capabilities assessment and sustainability analysis.

### SPAWAR and TMIP-M

Since early 2007, SSC Atlantic's Norfolk TMIP-M Program Management Office (PMO) has been engaged with Commander Operational Test and Evaluation Force and with the TMIP-J Program Office in support of Developmental Testing/Operational Testing (DT/OT) within operational Navy environments. The TMIP-M PMO enabled a successful joint TMIP Block 2 DT/OT on a Navy afloat platform.

According to Kiefer, "We're very happy with the success of the TMIP operational testing. In the joint medical community, the Navy is now viewed as a capable team player."

The TMIP-M PMO completed the first permanent DoD-wide implementation of TMIP Block 2 software aboard USS Ronald Reagan (CVN 76). The team migrated existing medical data and conducted over-the-shoulder training, while simultaneously accelerating external release process approvals, Interim Authority to Operate



*USS Ronald Reagan (CVN 76) leads a formation of ships from Korea, Taiwan, Japan, Singapore, France, Canada, Australia and the U.S. during Rim of the Pacific (RIMPAC) 2010. Successful implementation of TMIP aboard the Reagan was a significant milestone in the program.*

and Target Configuration Date waivers. By May of 2008, real-time medical data was flowing back and forth between the main database and hub for all medical records and the USS Ronald Reagan.

“The implementation of TMIP aboard the Reagan is a significant milestone for us. It ensures that every embarked Sailor, Airman and Marine has a comprehensive, life-long medical record available to them,” said Kiefer.

The TMIP-M PMO has also teamed with the Integrated Shipboard Network System (ISNS) program in deployment planning. TMIP-M software will be installed to operate on ISNS servers and client workstations on all afloat Navy platforms. As an early adopter of the Consolidated Afloat Networks Environment System (CANES), TMIP-M completed successful testing using virtualized blade server technology onboard USS

Bon Homme Richard during Trident Warrior 08. The current plan is to have TMIP capabilities replace all legacy Navy medical systems by 2015.

In 2005, then-President George W. Bush suggested that private industry work with government to implement universal medical records by 2015. He also stated that “the federal government has got to take the lead in order to make this happen,” by developing what’s called “technical standards.” SSC Atlantic’s TMIP-M PMO is leveraging Team SPAWAR for TMIP technical standards. Additionally, the TMIP PMO is documenting required operational Navy functional capabilities, vetting them through the Navy Fleet Health Services Board of Directors and shepherding them through the TMIP-J requirements process.

According to Kiefer, “the TMIP-M PM serves as the Navy’s main advocate to the joint service program.”

## Medical Information in the 21st Century

Having medical information available will inevitably reduce medical errors and vastly improve the quality of care for Sailors. With TMIP-M, medical practitioners will not have to rely on a paper-based system. No more lost records moving from duty station to duty station. Location in theater will not matter: Sailors can be anywhere in the world and their medical history records will be available in digital form and in real-time.

Without an electronic health record capability, men and women like Petty Officer Smith may not survive wartime conflicts. Information about known drug allergies or pre-existing medical conditions would not be immediately available to those individuals treating them. Surviving an explosion only to die from a reaction to a wrongly prescribed medication would be tragic. TMIP-M will prevent incidents like these from occurring.

In the digital world of electronic health records management, lives will be saved. ■

## WOMEN'S MILESTONES IN NAVAL HISTORY

**1862**

In 1862, Sisters of the Holy Cross served aboard USS Red Rover, the Navy's first hospital ship, joining a crew of 12 officers, 35 enlisted and others supporting medical care. Red Rover remained the only hospital ship in the Navy until the Spanish-American War.

**1942**

President Franklin D. Roosevelt signed Public Law 689, creating the Navy's women reserve program on July 30.

**1961**

In 1961, Lt. Charlene T. Suneson reported for duty to the Officer of the Day on board USS General W.A. Mann (AP-112). She was the first line WAVES officer to be ordered to shipboard duty.

**1974**

On Feb. 22, Lt. j.g. Barbara Ann (Allen) Rainey became the first designated Navy female aviator.

**1980**

Midshipman Janie Mines was the first African-American woman, and among the first group of women, to graduate from the U.S. Naval Academy at Annapolis, Maryland.

**1990**

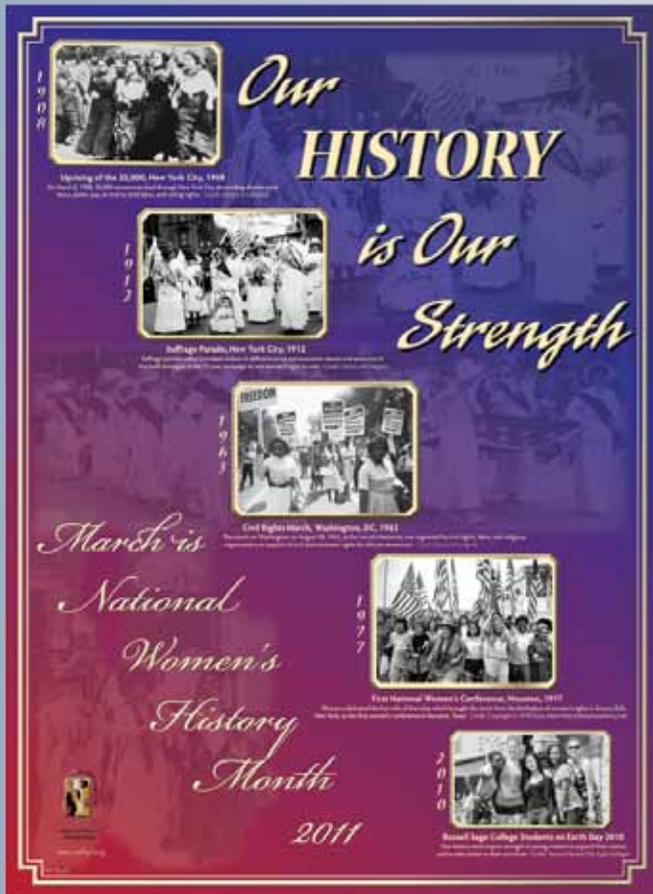
Lt. Cmdr. Darlene Iskra was the first Navy woman to command a ship, USS Opportune (ARS-41).

**2001**

Marine Corps Capt. Vernice Armour earned her wings in 2001 and the Department of Defense acknowledged her as the first female African-American combat pilot in the military during Operation Iraqi Freedom. She completed two tours in the Persian Gulf.

**2010**

Secretary of the Navy Ray Mabus announced that women would be assigned to Ohio Class submarines on Jan. 9. The first women are expected to report to subs in 2011.



### Test Your Women's History IQ

1. Who was the U.S. Secretary of Labor who worked to secure legislation for unemployment relief, public works, Social Security, minimum wage, maximum hours and the prohibition of child labor?
2. Who organized the first pickets at the White House in 1916 and 1917 and was imprisoned and force fed?
3. Who was only 16 years old when she became one of the Little Rock Nine who integrated Central High School in 1957?
4. Who was the U.S. Congresswoman who presided over the first government sponsored National Women's Conference in Houston in 1977?
5. Who published "Silent Spring," which documented the dangers of air pollutants and pesticides on animals, people and land?

#### Answers:

1. Francis Perkins
2. Alice Paul
3. Mildred Jean Brown Trickey
4. Congresswoman Bella Abzug
5. Rachel Carson

For more information on the history of women in the Navy, visit <http://www.history.navy.mil/faqs/faq48-1.htm>

# High School Students Participate In Team SPAWAR IT Shadow Day

By Nicole Collins, SPAWAR Public Affairs

Team SPAWAR held an IT Shadow Day at SSC Pacific with High Tech High students from Point Loma and Chula Vista. IT Shadow Day is part of a larger Department of Defense-wide initiative designed to provide local high school students a unique opportunity to observe the federal IT workforce, shadow an IT professional and pursue a career in the IT field.

Students toured SSC Pacific and met with SPAWAR leadership. Charleston-area students also got a chance to meet with the SSC Atlantic staff.



**Fire Controlman 2nd Class James Galvan and high school student Kristen Olson test out a robotics demonstration at SSC Pacific for IT Shadow Day.**

“We need your generation to keep our Navy and nation competitive in IT and other technologies,” said SPAWAR Commander, Rear Adm. Patrick Brady during his opening remarks. “Our goal is to show you some of the exciting projects our scientists and engineers are working on to support our Navy and to inspire your pursuit of technical education and excellence,” said Brady, as he welcomed students at SSC Pacific Command Center of the Future (CCoF).

During the San Diego Shadow Day, students visited the Navy data center, model range and viewed hands-on demonstrations of robots and the popular sea water antenna. ■



**Students from local San Diego high schools tour the model range at SSC Pacific for IT Shadow Day. IT Shadow Day is designed to provide high school students a unique opportunity to observe the federal IT workforce, shadow an IT professional and pursue a career in the IT field.**

## NMCI Program Manager Capt. Scott Weller DON IM/IT Excellence Award Recipient!

By PEO EIS Public Affairs

The Navy Marine Corps Intranet (NMCI) Program Office is pleased to announce that Capt. Scott N. Weller, NMCI program manager, is a recipient of a Department of the Navy (DON) Information Management (IM)/Information Technology (IT) Excellence Award. Weller received the award for advancing NMCI while ensuring the network continued without interruption as it transitioned to the NMCI Continuity of Services Contract. He accepted the award at a Jan. 25 awards ceremony at the San Diego Convention Center.

The DON IM/IT Excellence Award is given to individuals and programs with outstanding contributions toward transforming the Navy and Marine Corps through information technology. The annual award was given to Weller by Terry Halvorsen, the DON chief information officer (CIO).

“Receiving the DON IM/IT Excellence Award is truly an honor,” said Weller. “It is gratifying to know that my contributions are recognized by the DON CIO in impacting, transforming and advancing naval IT. It has been an honor and a privilege to lead NMCI, an IT network that is invaluable in providing the day-to-day business operations and ensuring that mission critical needs are met for the warfighters.” ■



**(Left to right) Capt. Weller, Janice Haith, director, assessments and compliance, chief information officer, N2/N6, Terry Halvorsen, DON CIO and Col. Jim Dillon.**

Systems Command for technical authority. The CNO has placed significant emphasis on Information Dominance and expects SPAWAR to fully realize its role as the Information Dominance systems command. SSC Pacific will be a key element of the Information Dominance community and will play a critical role in the Information Dominance systems command," Beel said.

As commanding officer, one of Beel's primary goals will be strengthening customer partnerships. He wants to see the center maintain a strong customer focus, and as a full spectrum research and development facility ensure that it is always more than just a supplier of products and services.

"I realize this is a diverse organization serving a variety of customers, but we need to solve our customer's problem—the warfighter's problems. This requires an understanding of what those needs are, to the extent that we can anticipate them and provide solutions," Beel said.

A second goal will be ensuring continuous processes improvement. As a Lean Six Sigma black belt, Beel believes strong, repeatable processes are the foundation of sustainment.

He also hopes that the center will remain one of the top places to work in the Navy.

"A lot of what makes people satisfied and keeps morale high is doing meaningful, important work. When people see their work appreciated by customers, they are happy. Therefore, my goal will be to keep us engaged in delivering products, solutions, services and capabilities that satisfy customer needs and deliver information dominance capability to the Navy," Beel said.

He looks forward to strengthened and frequent communication throughout the center. In the beginning, that will consist largely of his asking questions and listening to employees. Beel will maintain the center's emphasis on excellence and will work to accelerate information dominance efforts, for which there is a huge demand and priority. That said, he acknowledges that this is a challenging time.

"The economy is creating a very pressurized environment, but as stewards of the taxpayer's dollars, we need to work hard to figure out ways to increase efficiency, while maintaining critical capabilities and delivering the support that our customers need. We need to dig deep; everyone needs to be involved, and we have to remember that it's not all bad—sometimes external pressure takes us places we might not have gone. ■

## PMW 120 Program Manager Award Winner! Roland Feghali

Assistant Program Manager (APM) for Joint Service Imagery Processing Systems–Navy (JSIPS-N), Roland Feghali was selected as the recipient of the Battlespace Awareness and Information Operations Acquisition Excellence Award Feb. 8.

The program manager selects recipients whose recent accomplishments best exemplify acquisition excellence within the program office; they are honored during the quarterly PMW 120 All Hands meeting.

JSIPS-N is a legacy shipboard and shore based imagery processing system with the capability to receive, process, exploit, store and disseminate imagery products. There are currently 28 JSIPS-N systems fielded, some with deployed carrier and expeditionary strike groups, that provide imagery intelligence in support of worldwide military operations and exercises.

JSIPS-N is currently positioned to provide direct support reach back imagery analysis via the Naval Maritime Intelligence Center (NMIC) and Targeting Support via Naval Surface Air Warfare Center (NSAWC) Fallon, Nev. until the fielded JSIPS-N systems are upgraded. The success of Feghali's efforts ensures the Navy's JSIPS-N customers will have all available imagery sources available to them either organically or via direct support reach back. ■



# SAN DIEGO COMMUNITY EVENTS

## Wildflowers in the Desert

Date: Now – April 30

Time: Daily

Location: Anza-Borrego Desert State Park, Borrego Springs

<http://www.parks.ca.gov/pages/638/files/Flower%20Update%20and%20Map%20February%204%202011%20smallest.pdf>

## Circus Vargas

Date: March 31-April 11

Time: Check link for showtimes

Location: Promenade Temecula, Winchester Rd. and Ynez Rd.

<http://circusvargas.com/index.html>

## March Plant Madness

Date: Saturdays in March

Time: 9:00 am-2:00 pm

Location: The Water Conservation Garden, Cuyamaca College

<http://www.thegarden.org/siteDocs/homePageNewsItems/MarchPlant-Madness.pdf>

## Little Miss Sunshine

Date: Now through March 27

Time: Check link for show times

Location: La Jolla Playhouse

<http://lajollaplayhouse.org/the-season/plays/little-miss-sunshine>



<http://c4isr.afcea-sd.org>



Social Media Sites @ Team SPAWAR

