

A PUBLICATION OF THE SPACE AND NAVAL WARFARE SYSTEMS COMMAND

## Navy Aircraft Supports Search and Rescue Operations in Japan SPAWAR Network Architecture Relies Upon Iridium Satellite Communications

By SSC Pacific Public Affairs

A new network architecture designed by SPAWAR is providing enhanced command and control capabilities for naval aircraft operating from USS Ronald Reagan (CVN 76) in support of Operation Tomodachi, the international humanitarian relief effort in Japan.

Conceived by engineers assigned to the airborne networking team at SSC Pacific, the network solution was originally intended to address an Urgent Operational Needs Statement (UONS) from U.S. Central Command in Bahrain. The UONS sought beyond line of sight classified connectivity for E-2C Hawkeye aircraft operating in Iraq and Afghanistan.

“We recently received some extremely positive feedback from aircrews flying E-2C Hawkeye aircraft telling us this network solution, designed for combat, is making



E-2 Hawkeye aircraft utilizing SPAWAR network architecture.

*Continued on page 2*

## Navy Reservists Bring IT Security Training to the Fleet SPAWAR NetOps Support Team Fly-Away Team

By SPAWAR NetOps Support Team Pearl Harbor

The SPAWAR NetOps Support Team (NST) Fly-Away Team (FAT) provided information technology (IT) security training to personnel from various Navy Region Hawaii local commands Feb. 22 through March 4.

The SPAWAR NST program is made up of Navy Reservists who are attached to the SPAWAR Reserve Program at multiple units located around the nation.

“When we deploy to the fleet as a team on behalf of SPAWAR, we do not go to receive training, but instead, we bring IT skillsets from our civilian IT jobs to give training to active duty personnel. This allows active duty commands to benefit from the knowledge and experience of people who have been working in civilian IT jobs with current technology for many years,” explained Chief Personnel Specialist Eugene Tai.

USS Chafee (DDG-90), USS Russell (DDG 59), USS Crommelin (FFG-37), Naval Computer and Telecommunications Area Master Station Pacific and Commander Submarine Force U.S. Pacific Fleet were among those who attended the training.

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### April/May Calendar of Events

4/20	SDMAC Breakfast
4/22	Good Friday
4/24	Easter
4/27	WID Spring Luncheon
5/6	Navy League Breakfast
5/11	NDIA Monthly Luncheon

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## Space and Naval Warfare Systems Command

**Rear Adm. Patrick H. Brady:** Commander

**Rear Adm. Chuck Rainey:** Vice Commander

**Rod Smith:** Deputy Commander

**Gary Wang:** Director of Corporate Operations/Chief Information Officer

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### Search and Rescue Operations in Japan

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a huge, positive impact on the Navy's ability to support search and rescue, and resupply operations," according to Cmdr. Justin Fine, project lead for the E-2C airborne networking team at SSC Pacific. "The network is giving the Navy's command and control aircraft an improved and additional ability to relay real-time data to other operational assets, assisting first responders on the ground."

The network relies upon Iridium satellite communications with an economical data rate of 2.4 kilobytes per second to support chat applications. Engineers at SSC Pacific developed a means to piggy back on commercial technology while also adding full encryption to protect vital information. SSC Pacific engineers designed this solution to be interoperable with current systems and are now reviewing integration into larger Navy tactical and wide area networks.

"Development of this agile, responsive and secure network is enabling decision superiority for deployed fleet assets serving as a global force for good," said Capt. Joe Beel, commanding officer for SSC Pacific. "This solution is representative of SPAWAR's strong suit in adapting and integrating off-the-shelf commercial technologies to meet immediate operational requirements. Moreover, it once again demonstrates SPAWAR's role as the Navy's Information Dominance systems command and our continuing support of the Chief of Naval Operations priorities."

SSC Pacific is the primary research and development laboratory for SPAWAR. Work at the center is focused on ensuring the fleet's ability to seize and control the information domain "high ground" whenever, wherever and however required for decisive competitive advantage across the full range of Navy missions. Information dominance means freedom of action to maneuver and act — conduct offensive and defensive actions, kinetically and non-kinetically — at the intersection of maritime, information and cyberspace domains, to deliver warfighting options and effects. ■

### NST FAT Training

*Continued from page 1*

According to Department of Defense (DoD) Directive 8570.01-M, all DoD civilian employees, military personnel, legalmen and support contractors performing information assurance (IA) functions are mandated to obtain professional IT certifications as approved by the DoD chief information officer that correspond to the highest level of IA for which the individual is responsible.

At the conclusion of the training, the NST FAT had delivered approximately 700 student-hours of training to 25 students. ■



*Information Systems Technician 2nd Class Jeffery Cleveland and Electronics Technician 3rd Class Antonio Munoz (both from SPAWAR) make a class at Pearl Harbor interesting by having participants play a game of Jeopardy, based on questions from the security curriculum being taught.*



## FROM THE TOP - REAR ADM. PATRICK BRADY

On April 11, our Navy celebrated the 111th anniversary of the founding of the submarine force. In 1900, John Holland sold the submersible Holland VI to the Navy and a revolution in our warfighting arsenal began. Since that day, submariners have participated in every major conflict and have helped maintained our strategic deterrence, silently and lethally keeping our nation safe.

The submarine community values and remembers the courageous actions of its predecessors in battles that ranged around the globe and sometimes without witness. The community's greatest strength is their well-trained and professional Sailors.

Like most weapon systems, today's submarine is a story of evolution from humble technological beginnings. Gasoline-electric propulsion gave way to safer diesel-electric power. Range increased to expand the role of submarines, from harbor and coastal defense to open ocean surveillance and interdiction. Submarine weapons became increasingly sophisticated. A classic example was the evolution of unreliable torpedoes at the outset of World War II to weapons and associated tactics and training that were pivotal to U.S. success.

With the advent of nuclear propulsion, the submarine force gained even greater range and undersea endurance. Nuclear propulsion brought even more emphasis to sound engineering, training and safety to the force. The rigor that submariners demand to these areas has had a positive impact beyond their own community, driving improvements to other Navy warfare areas.

There are lessons we can draw on today as we focus on Information Dominance. The same detailed examination of our systems' designs, training, logistics and procedures will allow the Sailors operating our systems to achieve a similar level of operational excellence.

Submarines have been a big part of my career over the past 30 years. There is nothing quite like the experience of being part of a submarine's crew at sea, at the tip of the spear of our Nation's defense. Please take a moment to read up on the history of our submarine force this month. There are some great historical resources on the OPNAV N87 page at <http://www.navy.mil/navydata/cno/n87/n77.html>. ■

## April Is Sexual Assault Awareness Month

April is National Sexual Assault Awareness Month and presents an opportunity for the Department of Defense community around the world to dedicate focused attention on the importance of eliminating this crime. The Department of Defense theme is: "Hurts one. Affects all. Preventing sexual assault is everyone's duty." Sexual assault is a crime that devastates victims, undermines teamwork, threatens unit cohesiveness, and ultimately reduces fleet readiness. Awareness through education, training and leadership is vital to the success of the Navy's prevention and response program. ■



**"The larger effects of sexual assault are broad and deep. [They] create lasting physical and emotional trauma to the survivors, and those persist long after the attack. It's corrosive to morale and to our operational and combat readiness."**

**~ Secretary of the Navy Ray Mabus**

[Click here for more information in RhumbLines.](#)

# SPAWAR, San Diego Defense Executives Discuss Rapid Acquisition, Reducing Total Ownership Costs

By Steven A. Davis, SPAWAR Public Affairs

SPAWAR leadership and San Diego defense industry executives gathered March 24 to discuss two key acquisition issues: rapid fielding of cyber / information technology capabilities and reducing costs of systems throughout their lifecycles.

The discussion attracted nearly 300 attendees and was held at the Anti-Submarine Warfare Command's Admiral Kidd Club. San Diego Daily Transcript Editor George Chamberlain served as the event's moderator.

The panel members, who represented more than 200 years of federal acquisition and defense industry experience, engaged in candid conversation on the challenges

associated with the current acquisition environment.

"We have to look closely at total ownership costs for individual systems," said SPAWAR Commander Rear Adm. Patrick Brady. "But we also have to focus on operational excellence and total capability that allows for maximum deployment of our platforms."

Total ownership cost refers to the price tag associated with developing, deploying, modernizing and sustaining a system throughout its life cycle. Today's budget climate demands that SPAWAR and the Navy acquisition community closely examine acquisition strategies, training and installation plans to minimize these costs.

"We're developing a strong business case for long-term savings," explained Brady. "This requires us to work closely with the other systems commands and program executive offices to ensure our acquisition strategy for systems on new platforms is correct up-front."

One way this goal can be accomplished is through the reduction of legacy systems. For example, the Navy Multiband Terminal is being introduced to the fleet to greatly improve satellite communications while streamlining the number of terminals (two to one) and antenna systems (three to one).

"This consolidated approach will significantly minimize failure rates, and reduce training burden, sustainment costs and the quantity of terminals being procured," said Rear Adm. Jerry Burroughs, Program Executive Office for Command, Control, Communications, Computers and Intelligence (PEO C4I).



**Rear Adm. Jerry Burroughs, PEO C4I, outlines strategies for reducing the number of C4I legacy systems throughout the fleet.**

The panel members spent time discussing a variety of inherently challenging acquisition issues. First was the upfront cost associated with systems development versus long-term operational and sustainment costs. Closely associated was the fact that systems development and operations / maintenance funds come from different funding sources, which complicates how lifecycle costs are calculated.

Panel members also noted the need for IT systems acquisition improvement. Today's defense acquisition model is platform-focused: it takes years for a program to get through the requirements process, develop a design and then install the system on platforms. This approach is appropriate for a ship or an airplane that has to last decades but not for IT systems that require agility and continuous software upgrades.

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

## SIEN PANEL PARTICIPANTS:

- ➔ Rear Adm. Patrick Brady, SPAWAR Commander
- ➔ Rear Adm. Jerry Burroughs, PEO C4I
- ➔ Terry Simpson, PEO C4I Principal Deputy for Intelligence
- ➔ Tim Dowd, SPAWAR Director of Contracts
- ➔ Capt. Joe Beel, SSC Pacific Commanding Officer
- ➔ Dennis Bauman, Defense Consultant
- ➔ Bryan Bebb, SAIC Senior VP, Defense and Maritime Solutions
- ➔ Duane J. Roth, CONNECT CIO
- ➔ Kurt Worden, NOVA Power Solutions Senior Business Development Manager
- ➔ Jim Kaplan, Chief Engineer for C4I Systems, Lockheed Martin MS2

# Naval Support Activity Mid-South Millington SSC Pacific Support to Restoration After Major Region Flooding

By Jon Wells, SSC Pacific Code 4145 Security Systems Branch Head

SSC Pacific performed on-site leadership and demonstrated technical expertise restoring the Naval Support Activity Mid-South Millington Emergency Management Facility (EMF)/Emergency Operation Center (EOC) that was damaged in a major flood back in May 2010. Faced with myriad industrial, technical and coordination challenges, SSC Pacific Code 4145 Security Systems Branch employees and project leads Mike Melechinsky and Dave Lanphear restored a once mud filled building and transformed it into a state of the art command and control (C2) facility. Working six days a week, up to 16 hour days, the team of government and contracted workforce completed the project 47 days ahead of schedule and \$67,000 under budget.



**Naval Support Activity Mid-South Millington was flooded after receiving 12 inches of rain in two days.**

Millington is home to the Naval Support Activity Mid-South naval station, one of the largest single employers in the state of Tennessee with approximately 6000 military, civilian and contractor employees on 1,950 acres. Millington Navy Base hosts many tenant organizations, notably the Bureau of Naval Personnel (BUPERS).

On May 2, 2010, the entire Millington region was flooded after receiving 12 inches of rain in a two day period. When a nearby levee broke, an estimated 1,500 people were forced to evacuate their homes; 146 of those people were residents of the Millington Navy base. At the EMF/EOC building flood waters entered the facility to a level of four feet, nearly destroying the building and ruining the interior spaces. The effects of the floods left the entire region without 911 emergency dispatch capabilities and without an emergency operation center for leadership to coordinate synchronized responses.



**Lieutenant Cmdr. Detter, public works officer, left, Capt. Doug McGowen NSA Mid-South commanding officer, middle, and deputy emergency management officer MA1 (AW) Davis, right, cut the ceremonial ribbon for the opening of the new Emergency Operations Center. Michael Melechinsky stands on the back row, far left, David Lanphear is back row shown between McGowen and Davis.**

Due to the emergent requirement to restore capabilities to the EMF/EOC in the quickest possible means, Tim Valle, COMNAVREGMIDSOUTH emergency management officer contacted SSC Pacific because of previous work in successfully building the Great Lakes Regional EOC installation under a compressed schedule requirement. Naval Facilities Command construction teams went before the SSC Pacific project team restoring the exterior building; however, the entire interior and facility support systems were heavily damaged and all residual conduit and wiring was cut four feet from the floor of the nearly gutted building.

Lanphear and Melechinsky spearheaded all aspects of the restoration effort which began in August 2010. During the planning and estimating phase, they presented to the emergency management officer an opportunity to not only restore but also expand the C2 capabilities. Given the current conditions, this would require starting from scratch and rebuilding the entire interior again. Approval was given for the expansion plan with a completion deadline set for mid-March 2011. The SSC Pacific team skillfully achieved the Safety Plan approval in only three days vice six weeks by collaborating closely with the regional Safety Manager and professionally preparing all required documentation for the project. The Accident Prevention, Environmental Protection and Lead Abatement Plans were additionally granted accelerated

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# Problem Solving: One Size Does Not Fit All

## When Working Toward Efficiencies, Consider All of Your Options

By Dan Bartholomew, SPAWAR Organizational Process Management Office

Over the years the Navy has used industry best practices for managing work, lowering costs, achieving schedules and improving quality. Some examples include: Total Quality Management and Total Quality Leadership, Business Process R-engineering, Capability Maturity Model Integration (CMMI) and Lean Six Sigma (LSS).

In recent years, the Department of the Navy has published guidance stating that LSS is the preferred method for improving processes. It is important to note that non-LSS process improvement methods, such as those mentioned previously, provide alternative options for gaining efficiencies. Even though the Navy emphasizes LSS as a specific method, that doesn't mean other approaches are invalid for solving problems.

SPAWAR has offered LSS training and has initiated hundreds of LSS project activities that have yielded favorable benefits. A LSS project is chosen to improve processes when:

- ➔ Significant or unexplained variation exists in a process
- ➔ The root cause of a major problem is not readily apparent
- ➔ The process has a high degree of complexity
- ➔ Significant, unexplained quality issues exist
- ➔ Tests fail without an obvious cause
- ➔ Significant data analysis is required to understand the problem

While many problems encountered within an organization should be resolved using LSS, there are also opportunities best captured using other improvement methods. The challenge for the SPAWAR workforce is to determine which approaches are most applicable and will be most effective in getting the job done. In this austere budget climate, the last thing needed is for a "method" to get in the way of solving a problem that could result in a swift and substantial efficiency or productivity gain. Remember, LSS is process-focused, so don't feel compelled to back fit a non-process improvement into the LSS framework. As well, remember that LSS is not the only way to fix a process problem.

Looking at the Navy's present and future budget challenges and examining what SPAWAR can do to help overcome those challenges, all SPAWAR team members need to remember that the

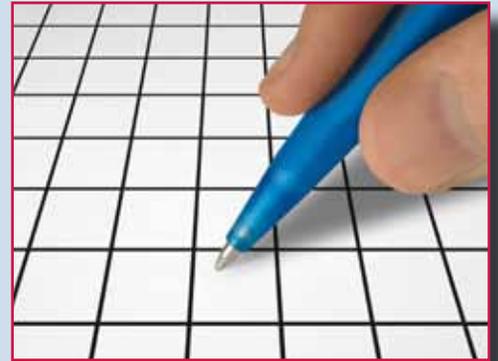
continuous process improvement tool kit contains a variety of options. SPAWAR refers to a non-LSS productivity and efficiency gain as an Other Productivity Improvement (OPI).

Examples of OPIs might include an examination and rebalancing of a staff's workload, an IPT that evaluates a capital investment idea with a large financial return on investment, a CMMI assessment resulting in the alignment of work functions with industry best practices, or a consolidation of office or lab space. Stated simply, an OPI is a non-LSS efficiency improvement accomplished by either an individual or a team that produces a financial or mission benefit. It may include improvements to a process or accomplishment of a stand-alone transaction or task.

When an efficiency gain is achieved using a non-LSS method, it is important to archive and document that work. Over the past three years, the Navy has used the Continuous Performance Improvement Management System (CPIMS) to track LSS events and projects, to archive documents from those activities and to record and report project benefits. CPIMS can now be used to record non-LSS productivity and efficiency gains resulting from OPIs. The OPI process is simple: using the template, create a one-two page summary of the improvement activity and complete the benefits workbook to document the OPI benefits. If financial benefits result, they are reviewed by an independent reviewer. Trained CPI practitioners are available to assist with CPIMS OPI entries and even make those entries on your behalf.

More information about OPIs can be found at: [https://cne.cse.spawar.navy.mil/portal/page/portal/Headquarters/HQ\\_80/HQ\\_84\\_Corp\\_Strategy/842\\_Organizational\\_Process\\_Mgmt/HQ\\_842\\_LSS](https://cne.cse.spawar.navy.mil/portal/page/portal/Headquarters/HQ_80/HQ_84_Corp_Strategy/842_Organizational_Process_Mgmt/HQ_842_LSS).

SPAWAR 8.4.2 staff is here to help you find resources and tools used to baseline process conditions, implement best practices, access and use CPIMS and the SPAWAR Process Workbooks, apply appropriate process improvement methods and analyze data. Process improvement... a work habit that touches the fleet! ■



# Evolution Is The Name Of The Game At PEO EIS

*By PEO EIS Public Affairs*

To many people, PEO EIS is synonymous with Navy Marine Corps Intranet (NMCI), Next Generation Enterprise Network (NGEN), Navy Enterprise Resource Planning (Navy ERP) and Sea Warrior.

What you may not know is that evolution is the name of the game at PEO EIS. While the organization was originally stood up in 2006 with just a few programs in its portfolio, over the years as Navy and Marine Corps requirements evolved, so did the PEO. Since its establishment, PEO EIS has become one of the Department's widest-reaching organizations, providing acquisition support to programs that affect every platform and person in today's Navy and Marine Corps. Under the direction of Program Executive Officer Rear Adm. Charles "Grunt" Smith and Deputy Program Executive Officer Randy Delarm, the organization has some components to it that many SPAWAR employees might not be familiar with.

For instance, did you know the PEO stood up a program to streamline the acquisition and management of IT solutions? That the PEO merged two programs to unify the Department of the Navy's terrestrial networks and data management? Or, that the PEO EIS oversees a program that is modernizing, integrating, and sustaining IT solutions for 21st century Marine Corps logistics?

In order to leverage buying power for command hardware and software products and service, as well as centralize enterprise IT solutions and services, the Enterprise Information Technology Services (EITS) program office (PMW 270) was established. EITS aligns the development, acquisition, and deployment of IT solutions

and capabilities across the Navy's enterprise networks systems and programs of record. Under the program management leadership of John McKenna, EITS is primarily focusing on five initiatives:

- ➔ Data Center Consolidation – Reducing the 120 disparate data centers into a significantly reduced enterprise data center footprint with common standards, increased capability, lower costs, and increased availability of business and warfighting systems;
- ➔ Enterprise Software Licensing – Centralizing software acquisition and lifecycle management to reduce costs and increase interoperability;
- ➔ DON Criminal Justice Information System (Follow-on) – A web-based case management system that provides enterprise and process-wide visibility into incident and case data throughout the lifecycle of Navy and Marine Corps unclassified criminal/military justice incidents. A follow-on program is currently being established;
- ➔ Joint Air Logistics Information System – Providing an on-demand scheduling system for all DOD continental U.S. air logistics assets enhancing passenger and cargo movement in combat or contingency operations;
- ➔ Navy Enterprise Portal – Consolidating more than 59 disparate legacy portals into a central solution, lowering costs and improving warfighter decision-making capabilities through effective information management.

"The current fiscal environment both

requires and provides opportunities for the generation of IT efficiencies across the department," stated McKenna. "Our focus is on identifying and developing plans to pursue these opportunities."

February 24 marked another evolutionary milestone for naval IT. The Naval Enterprise Networks (NEN) Program Management Office (PMW 205) was established, merging the program management offices for NMCI (PMW 200) and NGEN (PMW 210).

According to program manager Capt. Shawn Hendricks, PMW 205 is about the future. "Our networks represent almost one-fourth of all DOD users. NGEN represents the largest IT procurement action in DOD. If we put those two elements together – along with the fact that our network functions today, we can transform on a scale that is simply not possible by any other component."

Rear Adm. Grunt Smith indicated the establishment of PMW 205 is a strategic and natural evolutionary step. "By focusing our efforts under one program office and one enterprise network construct, we unify the department's terrestrial networks and data management; we improve capabilities and service while saving significant dollars. NEN will provide warfighters with unparalleled mission support through its continually improving network with ever greater capabilities built upon each success in the lifecycle of the network."

Another fact that may not be widely known within the SPAWAR workforce is that not all PEO EIS programs fall under the SPAWAR umbrella. In addition to providing NMCI and NGEN network services to the

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## EDOs, LEGOs and Robots

### SSC Atlantic's FIRST LEGO League

By Lt. J.D. Judd, SSC Atlantic Reviews Manager

Take one part engineer, two parts LEGO robotics and a mountain of youthful enthusiasm. What do you get? A ready-made environment for learning and discovery! Fast forward to FIRST. FIRST is an acronym for "For Inspiration and Recognition of Science and Technology."

FIRST is an organization that seeks to inspire young people in the science and technology fields. SSC Atlantic's science, technology, engineering and math (STEM) outreach program, with funding from the National Defense Education Program (NDEP), sponsored 17 FIRST LEGO League teams in South Carolina. SSC Atlantic employees coach and mentor 20 robotics teams, ranging from elementary schools participating in FIRST LEGO League to high schools competing in the FIRST Robotics Competition League.

FIRST LEGO League is a robotics program for nine to 14-year-olds; FIRST Robotics Competition League is a similar program designed for 14- to 18-year olds (as determined by grade level) and is designed to get children excited about science and technology. Each team consists of up to 10 students and at least one adult coach. Each team must build a robot entirely out of LEGOs, and then program the robot to complete a series of challenges. Each year's competition has a new theme and a new competition table which is revealed at the start of the season. Along with the robotics portion of the competition, each team must explore the theme for the year, perform research and present its findings to a panel of judges, as well as to the community in which the school is located.

This year's theme of "Body Forward" required each team to research biomedical engineering and search for solutions to challenges faced in the medical field. Each team tackled the challenges of both competition and research differently. The rules of the league allow latitude in the way each team accomplishes

the challenges, performs the research and presents findings.

Fellow EDO Lt. Chris Clotfelter and I have been coaching the Flowertown Elementary Bee-Bots team located in Summerville. In the course of our team's research, the children interviewed a roboticist to learn about the difficulties in building robots, went on a field trip to a local hospital to learn about the da Vinci surgical robot and spent numerous hours researching biomedical engineering topics. Two local television news stations have run stories featuring them and their accomplishments.



*Lt. Chris Clotfelter mentors Flowertown Elementary's Bee-Bots robotics team in Summerville, S.C.*

Our team chose the brain and the problem of brain cancer as their topic for research. After looking at the current methods for combating brain tumors, the students of continued development nanotechnology and the use nanobots to attack cancerous cells. They felt that surgery, radiation therapy and chemotherapy all had too many risks of negative side effects associated with them. Their argument was that nanotechnology, once developed, would overcome these obstacles and be a viable alternative. All of this from a group of fourth graders! ■

#### Useful Links:

FIRST LEGO League website: <http://www.firstlegoleague.org/>

National Defense Education Program: <http://www.ndep.us/>



## SPAWAR IS THE NAVY'S COMMAND OF THE MONTH!

In the month of April, SPAWAR will be featured on the Navy's official Facebook page as the Command of the Month. Throughout the month, we will share information about SPAWAR—who we are, what we do and how we support the fleet—and answer Navy fans' questions through videos, photos and posts.

This is a great opportunity to raise awareness about SPAWAR, our mission and to tell our story to a large audience of Sailors, families, potential recruits, veterans and Navy fans.

Follow along with the conversation at <http://www.facebook.com/USNavy> !

## DON'T WAIT FOR A NATURAL DISASTER TO LEARN WHERE TO GET INFORMATION!

Safety, both on and off the job, is SPAWAR's first priority. The time to prepare for a natural disaster, security incident or other event is before the situation occurs. Different events could cause a disruption to the routine operational work schedules here at SPAWAR.

Leadership will communicate with employees by all means available to keep the workforce informed as information becomes available. All SPAWAR managers and employees should be familiar with and use the following means of communications to verify work status prior to proceeding to their work location, if a natural disaster or other unusual event, such as a furlough, takes place:

### ➔ SPAWAR PUBLIC WEBSITE

Go to [www.spawar.navy.mil](http://www.spawar.navy.mil), under "contact us" click the "work status"

### ➔ WORK STATUS HOTLINE

Call the SPAWAR work status hotline at 1-877-551-3804.

### ➔ PHONE CALLS

Department/competency leads should use designated phone tree to call employees.

Ensure all phone trees are up-to-date with the most current home and cell phone numbers for all employees.

### ➔ SOCIAL MEDIA

Use the following social media networks to receive work status updates:

Facebook: [www.facebook.com/spaceandnavalwarfarecommand](http://www.facebook.com/spaceandnavalwarfarecommand)

Twitter: [www.twitter.com/SPAWARHQ](http://www.twitter.com/SPAWARHQ)

### ➔ VOICEMAIL SYSTEM

The SPAWAR automated voicemail system will leave a voicemail for SPAWAR Headquarters employees with the latest work status information.

Ensure all phone trees are up-to-date.

If an emergency happens know how to check your voicemail from out of the office.

### ➔ EMAILS

SPAWAR leadership will provide updates via email.

### ➔ INTERNAL PORTALS

Check SPAWAR Headquarters internal portals (CnE and NSERC) for updates on work status.

## SPAWAR Project Lead Receives Joy Bright Hancock Leadership Award

By SPAWAR Public Affairs

SPAWAR service member Lt. Sarah Rice received the Joy Bright Hancock Leadership Award from the Sea Service Leadership Association and the Military Officers Association of America.

The award was presented to Rice at the Joint Women's Leadership Symposium luncheon March 15 at the Sheraton Hotel and Marina in San Diego.



"I am deeply honored and would like to thank SPAWAR and the entire Navy engineering duty officer (EDO) community for all the opportunities they have given me. Without those opportunities I would not be receiving this award," said Rice. "They've allowed me to find and pursue some of my passions. The gateway toward success is finding a place where you fit in, that is also supportive of what you would like to do."

Rice, a Navy EDO and former surface warfare officer, is assigned to SSC Pacific where she is the project lead for the Cryogenic Exploration of Radio Frequency (CERF) project.

The CERF project is using sub zero temperatures to make cryogenically cooled, low-noise amplifiers and tunable filters to enhance radio performance and signal reception.

"Lt. Rice just returned from the first installation of CERF capabilities aboard USS Cape St. George (CG 71) where she was able to work directly with Sailors and document the operational parameters of these newly designed technologies," said Anna Leese de Escobar, principal investigator for the CERF project. "This is just another example of the close working relationship SPAWAR maintains with the fleet and the added benefits of having fleet officers like Lt. Rice working alongside civilian engineers at SSC Pacific."

"Information is a main battery for the Navy. The CERF project is one of many SPAWAR research and development efforts helping to ensure the fleet's ability to seize and control the information

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# JPEO Assumption of Charter Ceremony

## Welcome Army Brig. Gen. Michael E. Williamson

By JPEO JTRS Public Affairs

The Joint Program Executive Office for the Joint Tactical Radio System (JPEO JTRS) welcomed its incoming Joint Program Executive Officer (JPEO), Army Brig. Gen. Michael E. Williamson, and paid tribute to the departing Acting JPEO, Howard Pace, Jr., during an Assumption of Charter ceremony at the Admiral Kidd Club and Conference Center in San Diego March 15.

Overlooking the downtown San Diego skyline and bay, Acting Deputy JPEO Mark Compton gave welcoming remarks and served as the narrator for the program. Pace introduced Dr. Malcom O'Neill, Assistant Secretary of the Army for Acquisition, Logistics and Technology, who delivered well spoken remarks, addressing the great accomplishments of JPEO JTRS and the superb work done by Pace in leading the program for the past year. Afterward, Pace discussed his long history with JTRS and expressed his gratitude in leading such a cutting-edge and game-changing joint program.

Williamson then assumed the JPEO charter from O'Neill and spoke of the significance of the JTRS program to the warfighter. "The Joint Tactical Radio System ranks high within the Department of Defense in its importance, in its criticality and in the fact that it's needed for our nation to fight and win its wars. It is essential that we deliver this capability to the warfighter and it is a great honor to be given the responsibility to lead the charge," said Williamson.



*Dr. O'Neill thanks Acting JPEO Howard Pace for leading JPEO JTRS for the past year.*

As the JPEO, Williamson will provide direction and guidance for the development, acquisition, testing, product improvement and fielding of the JTRS capabilities.

Prior to assuming his roles as the JPEO, Williamson served as the deputy program manager, PEO Integration. His previous experience includes serving as the Director of Systems Integration, within the Office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology and as project manager Future Combat System (Brigade Combat Team) Network Systems' Integration within program manager, Future Combat System.

Williamson is looking forward to leading the JPEO JTRS program. "JTRS is not just about the radios or the waveforms; it is about the networking capability. It is about giving the Soldiers, Sailors, Airmen and Marines a tool that allows them to successfully complete their mission and come home safely." ■



*Dr. O'Neill presents the JPEO JTRS Charter to Army Brig. Gen. Michael E. Williamson.*



## SPAWAR Support for Operation Tomadachi

*MMC Joshua Jackson (right) and ETCS Dean Bogart prepare donations for transportation to the Fleet and Family Support Center, Naval Base San Diego Ombudsman. SPAWAR employees received a call to support Operation Tomadachi by donating food and baby supplies to the "Meal Brigade" or family members displaced by the devastating earthquake and tsunami that struck Japan March 11.*

# AFCEA C4ISR SYMPOSIUM 2011



*The C4ISR Symposium co-hosted by AFCEA San Diego and SSC Pacific took place April 4-8 at the Hall of Champions and SSC Pacific campus. The theme of the symposium this year was “Assuring Information Dominance in a Denied C4ISR Environment.” Over 1,000 people attended the symposium.*

*(Left to right) Bart Taylor, MITRE; Capt. Didier Legoff, PMW 160; Dr. Albert Legaspi, SSC Pacific; Rear Adm. (ret) Ken Deutsch, CSC; Rear Adm. (ret) Hamlin Tallent, Sentek; Rear Adm. Jerry Burroughs, PEO C4I participate in a panel discussion at AFCEA C4ISR. Discussion topics included “C4ISR in a Denied Environment” moderated by Burroughs.*



*Rear Adm. Jerry Burroughs moderated a panel discussion at AFCEA C4ISR. The goal of AFCEA C4ISR is to provide a venue to expose current thinking and engage with senior decision makers in the C4ISR community.*

## Navy, SPAWAR Improve Civilian Hiring Process—You Ready?

By SPAWAR Public Affairs

The Department of the Navy and SPAWAR need to attract and retain a skilled and talented workforce to advance the mission and support the warfighter. With the launch of the President's Civilian Hiring Reform, the process to recruit and hire a top quality workforce is going to become easier and more agile, positioning the department to meet the personnel challenges in the years ahead.

The hiring reform initiative spans the entire federal government and involves a multiyear effort to modernize hiring processes and related technology. It recognizes the link between the ability of the government to serve its American citizens and the capability of its public workforce. Without a doubt, a highly skilled and dedicated workforce will enable the department to meet challenges of the future.

Team SPAWAR will transition to the new systems by May 31, 2011. In the coming weeks and months, hiring managers and employees will receive additional information, updates and training opportunities to explain the changes to the hiring process.

You can find much more information, fact sheets and computer-based training at [www.donhr.navy.mil](http://www.donhr.navy.mil). Click "Hiring Reform." Stay tuned for additional information and supervisor training opportunities. ■

THE SPAWAR SAN DIEGO CHIEF PETTY OFFICERS ASSOCIATION IS PROUD TO PRESENT:

## THE 2011 SPAWAR CHILI THROW-DOWN ON THE OLD TOWN CAMPUS!!!

Unearth the secret family recipe and dust off that unused apron; it's CHILI time!

- ◆ **Who:** All employees at SPAWAR Headquarters and SSC Pacific (all codes, competencies and program offices)
- ◆ **Where:** SPAWAR Old Town Campus, Dwight C. Miller Commons
- ◆ **When:** May 26, 2011—11:00 am

In order to participate, contact Shakisha Luckie at [shakisha.luckie@navy.mil](mailto:shakisha.luckie@navy.mil) or 619-556-7651.



## Social Media Sites @ Team SPAWAR

