



MC2 Kyle Carlstrom
Naval Base San Diego Pacific Beacon military housing at 32nd Street "dry side." The Department of Defense is committed to providing quality living conditions to our service members and their families. The health, safety and security of our service members and their families is top priority.

From Commander, Navy Installations Command Public Affairs
WASHINGTON
The Navy's recently conducted "out of cycle" resident satisfaction survey confirmed that most of the actions recently taken by the Navy and its public private venture (PPV) partners are aligned to the areas of most concern to Service members and their families.
The Navy and its PPV partners are em-

ploying a multi-layered approach to improve the quality of life for housing residents. Recent efforts have focused on the maintenance process, with an emphasis on quality of workmanship as well as timeliness. Highlighting the Navy Housing Service Center's role as an advocate for the resident and their family has been a long-standing communication goal. Additionally, Navy leaders have reinforced that the military chain of command, to include in-

stallation commanding officers, are responsible for ensuring Service members and their families have safe living quarters.
"The Out of Cycle Survey was another method for us to validate what we have already been hearing regarding quality and timeliness of our housing programs. Collectively and individually, the Navy housing staff, the military chain of command, and our PPV Partners are driving hard towards a culture of excellence, service, and account-

ability at all levels," said Vice Adm. Mary M. Jackson, Commander, Navy Installations Command (CNIC). "Each and every resident experience is an indicator for performance, and our goal is to proactively provide the quality expected rather than responding to issues that never should have been present in the first place. Across the board, every stakeholder is working in this
» See **SURVEY | A7**

NAVY COOL offers expanded credentialing opportunities

From Naval Education and Training Command Public Affairs

PENSACOLA, FLA.
Sailors have an even wider array of opportunities to earn civilian certifications and licenses funded through Navy Credentialing Opportunities On-line (COOL) with a Navy policy update July 24.
Navy COOL's website at www.cool.navy.mil/ provides information about licenses and certifications applicable to all Navy occupations, offering resources and funding to help Sailors gain appropriate civilian desired, and in many cases required, credentials.
Here is what's new:
■ **Credentials Earned and Maintained Prior to Joining the Navy.** If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials



U.S. Navy

that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the "Navy Bucks" icon to be funded.
■ **Prior Other-Service Enlisted Occupation.** If you are Navy enlisted (Active or Reserve), you may now be

» See **COOL | A7**

Navy to hold IT career fair at Chesapeake Conference Center

From Norfolk Naval Shipyard

Three Navy Commands will host a career fair at Chesapeake Conference Center August 8 from 10:00 a.m. to 5:00 p.m.
The fair will emphasize shipyard career opportunities in information technology (IT)-related fields. Positions available range from entry to mid-level and include data managers, data analytics, program analytics, system administrators, management analysts and more.
Representatives from IT departments from Norfolk Naval Shipyard (NNSY), Naval Information Warfare Center (NIWC), and Naval Sea Systems Command (NAVSEA) will be on hand to meet with attendees and answer questions. All interested applicants should have multiple copies of their resume on hand.
The fair is located at 700 Conference Center Drive, Chesapeake, Va.
Interested applicants can register to attend at: www.eventbrite.com/e/navsea-04-norfolk-naval-shipyard-2019-information-technology-hiring-fair-tickets-65797741817

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Jam Theatricals is proud to announce that "The Band's Visit" will be coming to Norfolk's Chrysler Hall, and will kick off our blockbuster Broadway in Norfolk 2019-20 season.
»See **C1**



Purple Heart awarded posthumously
After 74 years, Seaman 1st Class James Cunningham of Jackson, Tenn., received the Purple Heart he earned as he went down with his ship during WWII. Rear Adm. Jeff Hughes, posthumously presented the award.
»See **B1**

Sailors use augmented-reality to train for combat
The ORN Global Tech Solutions program has teamed up to develop a breakthrough AR training environment.
»See **A4**



U.S. Navy

WAVES Aviation Metalsmiths

THE FIRST WAVES

From Naval History and Heritage Command Communication and Outreach Division

On July 30, 1942 President Roosevelt signed into law the establishment of the WAVES (Women Accepted for Volunteer Emergency Service). Establishing the WAVES was a lengthy effort. Inter-war changes in the Naval Reserve legislation specifically limited service to men, so new legislation was essential. The next few months saw the commissioning of Mildred McAfee, and several other prominent female educators and professionals, to guide the new organization. Just one year later in July 1943, 27,000 women wore the WAVES uniform.

The WAVES performed jobs in fields such as aviation, clerical, medical, communication, legal, intelligence, and science and technology. The wartime Navy’s demand for them was intense as it struggled to defeat Hitler and Mussolini in Europe and the Japanese in the Pacific. At the end of the conflict, there were well over 8,000 female officers and some ten times that many enlisted WAVES, about 2 ½ percent of the Navy’s total strength. In some places WAVES constituted a majority of the uniformed naval personnel and many remained in uniform to help get the Navy through, the post-war era. On June 12, 1948, President Harry Truman signed Public Law 625, the “Women’s Armed Services Integration Act”, which approved regular and Reserve component status for women in the military and disbanded the WAVES.

Women are an essential part of our nation’s military tradition. Throughout the U.S. Navy’s over 240 years’ of history, its female Sailors have steadily integrated into jobs that were once opened only to males. Women make up about 15 percent, of the U.S. military’s 1.4 million active-duty personnel. Over the past decade, more than 280,000 women have deployed in support of operations in Iraq and Afghanistan. Today is a great day to celebrate the accomplishments of Women through our nation’s history.

*Pellerin, Cheryl (2013). Dempsey: Allowing Women in Combat Strengthens Joint Force. American Forces Press Service.

For more information on the history of women in the Navy, please visit the NHHC website: <http://www.history.navy.mil/special%20Highlights/Women/Women-in-dex.htm>



WAVES visiting USS Missouri, 1944.



WAVE aircraft mechanic turns over the propeller of a SNJ, 1943.



WAVES in a R4D transport plane, Nov. 1944.



African-American WAVES

The Flagship

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NEWS FROM NAS OCEANA

Beat the heat: Staying safe as the temperature rises

By MC3 Mark Thomas Mahmood

VIRGINIA BEACH, VA.

During the recent heat wave, excessive heat was the probable cause of at least six deaths in the United States. Four people died in Maryland, while one died in Arizona and another died in Arkansas.

Recently, in the Hampton Roads area, the heat index rose above 100. Combining temperatures in the mid-90s and a high level of humidity, it may feel like you are experiencing 105 to 110 degree weather.

The Heat Index is a measure of how hot it really feels when relative humidity is factored in with the actual air temperature.

Heat stress is a potentially dangerous condition that occurs when the body is unable to regulate its temperature.

According to the Naval Safety Center, uncontrolled heat stress conditions can lead to heat-related illnesses, disabilities, and even death. Affecting safety and productivity, heat can put Sailors at risk and be a detriment to accomplishing the mission.

Some of the dangers of heat, in order of severity, include heat rash, heat cramps, heat exhaustion, and heat stroke.

Heat rash happens most often in hot, humid conditions where sweat is not easily removed from the surface of the skin by evaporation. Fair-skinned individuals are more prone to develop heat rash.

Heat cramps normally occur after exercise or strenuous work. It most often affects people



MC3 Mark Thomas Mahmood

Yeoman 3rd Class Christopher D. Gurley, assigned to the Naval Air Station Oceana administrative department, records the temperature in the quarterdeck heat stress log. The temperature is used to determine the heat stress condition in order to send a precautionary message to base personnel.

who are not used to the heat, who sweat a lot, or do not drink enough fluids. This sweating depletes the body's electrolytes and moisture.

Heat exhaustion is caused by the loss of body fluids and important electrolytes due to over-exposure to high temperatures and humidity. Heat exhaustion usually occurs when one is exposed to heat for a prolonged amount of time, such as standing in formation, and you become dehydrated.

Heat stroke occurs when the body can no longer cool itself due to an overload of the body's regulating systems. The body's temperature rises rapidly, the sweating mechanisms fails, and the body is unable to cool. This is a medical emergency and a life-threatening condition.

In all cases, someone experiencing one of these illnesses should immediately remove

themselves from the situation and seek medical attention.

Heat-related illnesses could occur on or off-duty, when one is working or when one is spending time having fun with their friends or family.

September 21 and 22, Naval Air Station Oceana will host the 2019 Air Show, an annual event that attracts people from all over the world to witness incredible pilots demonstrating their aerial skills.

Spending all day on the flight line could potentially increase the risk of a heat-related illness.

As a precaution, guests should remember to follow the guidelines to reduce the risk of becoming a victim to the heat.

The following recommendations could help Sailors and their families stay safe during

the summer months:

- Learn the signs of heat-induced illnesses
- Perform the heaviest work during the cool part of the day
- Use the buddy system
- Wear loose-fitting, breathable clothing
- Take breaks in cool, shaded areas
- Drink plenty of cool water
- Avoid large meals before working in hot environments
- Avoid caffeine and alcohol
- Place special importance on supervising children

Remembering to monitor yourself, loved ones and colleagues for heat-related illnesses could potentially save a life.

Staying safe in the heat could help ensure a healthy, fun summer and a spectacular 2019 Air Show!

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Sailors assigned to the Center for Security Forces detachment in Chesapeake, Va., demonstrate the Office of Naval Research Global (ONRG) TechSolutions-sponsored Tactically Reconfigurable Artificial Combat Enhanced Reality (TRACER) system. TechSolutions partnered with Naval Surface Warfare Center Dahlgren Division to develop the TRACER package, which consists of a virtual-reality headset, a backpack, a state-of-the-art simulated weapon designed to deliver realistic recoil, and a software package that creates multiple and adaptable simulation scenarios for security personnel to experience. ONRG TechSolutions allows Sailors and Marines to submit technology requests directly to the development community for rapid response prototyping.

John F. Williams

TRACER: Sailors use augmented-reality to train for combat

By Bobby Cummings
Office of Naval Research

CHESAPEAKE, VA.

The Sailors file into the room, their weapons ready and their adrenaline flowing. They operate as a team in a seamless manner. Their mission: to secure an active-shooter situation and apprehend the holographic perpetrator. Commands are given to the shooter, within the augmented-reality (AR) headset. The shooter surrenders, and the Sailors’ mission is accomplished.

The Office of Naval Research (ONR) Global TechSolutions program has teamed with Naval Surface Warfare Center (NSWC) Dahlgren, U.S. Army Combat Capabilities Development Command and industry partners, Magic Leap Horizons and Haptch Inc., to develop a breakthrough AR training environment. The Tactically Reconfigurable Artificial Combat Enhanced Reality (TRACER) project was recently tested at the Center for

Security Forces (CENSECFOR) Detachment Chesapeake, on Naval Support Activity Northwest Annex, in Currituck County, North Carolina.

TechSolutions is ONR Global’s rapid-response science and technology initiative that develops prototype technologies, to address problems voiced by Sailors and Marines, within approximately 12 months.

The TRACER system consists of the Magic Leap One AR headset, a backpack processor and a Haptch Inc., state-of-the-art instrumented weapon, designed to deliver realistic recoil. More importantly, TRACER leverages and builds upon software developed by Magic Leap Horizons as part of the U.S. Army’s Augmented Reality Dismounted Soldier Training (ARDST) project, providing advanced weapons tracking and allowing trainers to create multiple and adaptable simulation scenarios for security personnel to experience.

“Our training system is built mostly from

commercial-off-the-shelf products, so we are using widely available gaming gear,” said Dr. Patrick Mead, TRACER project lead from the Human Systems Research and Development branch at NSWC Dahlgren. “All of these technologies combine together to give us extremely accurate weapon and movement tracking capabilities as well as highly immersive simulation visual, auditory and haptic (relating to the sense of touch) feedback. Ultimately, TRACER provides Sailors with dynamic, engaging and less predictable training scenarios that would otherwise be too costly or time consuming to create in the real world.”

The mission at CENSECFOR is to train Sailors from divergent career fields in U.S. Navy security force fundamentals, code of conduct, anti-terrorism and expeditionary warfare training—in order to achieve maritime-interdiction and irregular-warfare superiority.

“We can integrate this AR, virtual training environment into our existing curriculum, and it allows us to be very reconfigurable,” said Cmdr. Kim Littel, CENSECFOR director of training innovation. “We can go in and we can change the scenarios, or we can change the opposition forces and the threat that they pose.”

For Sailors who often have to train and remain proficient while at sea, flexibility is crucial.

According to Littel, the necessary space re-

quired to conduct training operations on a ship are limited and the opportunity to conduct training without impeding on regular operations is scarce. TRACER will help mitigate those issues and help increase proficiency and currency in more expansive training scenarios.

“In an environment where we’re taking students from the fleet, from their primary jobs, to train them; we need to maximize the limited time we have to make them as proficient as possible,” said Littel. “This technology provides a huge advantage by being quickly adaptable to different scenarios, geographic locations and opposition forces. Using this technology, we can conduct training almost anywhere, anytime.”

TRACER earned rave reviews during the demo at CENSECFOR.

“I would say it’s going to bring a lot of value to our training because you can immediately redo a training operation,” said Senior Chief Thomas Pruter, who is assigned to CENSECFOR and helped design scenarios for the demo. “We underwent two to three hours of training and we were creating scenarios, putting people into them, getting sailors to run through those scenarios, rebuilding them and executing.”

He continued. “I think if we continue to submit our ideas, and ONR can continue to build off them and improve, it will be good for our Sailors and our security forces.”

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ENJOY SUMMER WITH INCREASED NEED FOR SAFETY AND AWARENESS

By MC3 Brittany Tobin

NORFOLK

Summer tends to bring with it a sense of excitement and a desire to get outside. With this comes an increased need for summer safety and awareness. This is especially true for children, seniors, athletes and pets – all of who have a higher sensitivity to heat. It is also important to have even more caution around the water, for all ages. There are many ways to prepare, allowing you to fully enjoy your summer plans!

Summer heat waves can have serious consequences to health, especially for adults over 65, children under four and pets. Stay prepared by knowing the signs and symptoms for dehydration, heat stroke, heat exhaustion and heat syncope by visiting The National Safety Council (www.nsc.org) and The Red Cross (www.redcross.org). If you suspect you're experiencing any of these symptoms, immediately drink water, cover with a cool compress, find shade or get in the air conditioning. If symptoms persist, head to the emergency room for treatment.

More than 800 children have died in hot cars since 1998, creating another huge safety concern during summer months. Children and pets should never be left alone in a vehicle for any amount of time. Not only is this illegal in many states, it can also be fatal. The temperature inside of a vehicle can quickly reach 120 degrees or higher, even when the outdoor temperature is only in the 80's, resulting in deadly conditions within an hour.

The body's natural cooling methods begin to shut down once the core body temperature reaches 104 degrees and death can occur at 107 degrees. The annual number of deaths has increased each year since 2016, when 39 children died from heatstroke in hot cars. In 2017, there were 43 deaths and in 2018 there were 52. There have already been 15 deaths in 2019 from children being left in a hot car.

Staying hydrated is one of the best ways to beat the heat, as dehydration increases with warmer temperatures. The standard suggestion is to drink 6-8 cups of water a day. If you plan to spend a lot of time out in the sun, you may want to aim even higher to avoid dehydration. Athletes will need to consume

at least 8-10 cups a day due to increased activity levels. Children and seniors have specific needs with hydration, according to age and body temperature regulation. Make sure your pet has cool water available as they are subject to dehydration as well. Be proactive in staying hydrated and make sure you're drinking water, sports drinks or juice – sodas, coffee, and especially alcohol will only further dehydrate your body.

Keep sunscreen with you at all times. Choose a waterproof sunscreen with a strong SPF, and apply continuously throughout the day – especially when in direct sunlight or in the water. A good rule of thumb is to apply sunscreen 30 minutes before sun exposure, reapplying at least every two hours afterward. Some medications will also make people more sensitive to the sun.

Make sure you know if your prescriptions mean you need to take extra precautions or wear a special type of sunscreen. You also want to consider wearing sunglasses and a hat for extra protection against the sun's harmful rays.

Children under one year of age should be in the sun very sparingly as their skin is extremely delicate. Don't forget to protect your pet from the heat and sun by keeping them off hot pavement and out of the sun for an extended period of time.

Make sure you know what to expect from the weather before you go outside so you can dress appropriately and plan your day accordingly. If you live somewhere where it gets extremely hot, you should keep your plans for outdoor activities relatively short.

Instead of spending the whole day out in the sun, stick to a couple of hours and then head inside for a break. You won't always feel the full effect the sun is having on you in the moment, but it can build to something dangerous if you're not careful. When the heat starts to get extreme, make sure your plans give you an easy escape from the outdoors so you can take breaks and cool off.

Take trips in the hottest part of the day to the mall, the movies, or the closest library. You can take advantage of the air conditioning while still getting out of the house to enjoy fun activities. When getting in the water to cool off, there are many important safety issues to consider.



MC3 Brittany Tobin

According to the CDC, about one in five people who die from drowning are children age 14 and younger. Never assume that a lifeguard is watching your child and always keep them in plain sight. Whether at the pool, beach or lake – it only takes just a second to lose sight of someone who is drowning.

Consider taking a CPR course and enroll children in swimming lessons – even if they are strong swimmers. You also want to be aware of rip currents and know how to swim out of them. Be sure you have enough life-jackets or flotation devices that are appropriate for each swimmer. Be aware of your surroundings and look out for dangerous animals in and around the water; sharks, alligators, snakes and jellyfish are common in popular swimming areas.

Make sure that you are swimming in safe, cool bodies of water free of contaminants or algae such as red tide. Lastly, look for swimming advisories in the area that warn against unfavorable conditions.

Among adolescents and adults, alcohol use is involved in up to 70% of deaths associated with water recreation. Alcohol influences balance, coordination, and judgment, and its effects are heightened by sun exposure and heat. Always drink responsibly in or out of the water.

Whether your kids are home for the summer or you're taking a family vacation, the lazy days of summer don't have to be a bummer. By taking safety precautions, you can make sure that you and your family are staying safe and soaking up as much fun in the sun as possible.

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Hunter Hayes brings crowd to JEBLCFS

From JEBLCFS Public Affairs

VIRGINIA BEACH, VA.

Multi-platinum selling recording artist Hunter Hayes brought the crowd of more than 2,000 to their feet on Joint Expeditionary Base Little Creek-Fort Story July 27 where he performed for military personnel, their families and guests. The concert for the Hampton Roads military community was courtesy of the Air Force Reserve. Many attendees were Gold Star Families and Wounded Warriors.



U.S. Navy

Military Sealift Command dry cargo and ammunition ship USNS Robert E. Peary (T-AKE 5)

FUEL, FOOD, PARTS AND PEOPLE, USNS ROBERT E. PEARY DELIVERS

By Bill Mesta
Military Sealift Command Public Affairs

NORFOLK

One of the challenges a U.S. Navy aircraft carrier strike group faces while operating at sea is ensuring they have enough supplies aboard its ships to carry out their mission.

Military Sealift Command’s dry cargo ammunition ship USNS Robert E. Peary (T-AKE 5) pulled into Naval Station Norfolk, July 26, after providing logistical support for the USS Harry S. Truman Carrier Strike Group during their composite training unit exercise (COMTUEX). During the 12-day underway, Robert E. Peary delivered supplies to the ships of the carrier strike group by providing underway replenishment-at-sea (UNREP) services.

“An UNREP is the moving of essential cargo from one ship to another while at sea,” said Ancen Singleton, Robert E. Peary’s operations chief. “That cargo could be anything from fuel, food, parts, mail, or people.”

During its underway, Robert E. Peary delivered 452 pallets of cargo and food and 468,229 gallons of fuel to nine U.S. Navy combatant ships from the carrier strike group.

According to Singleton, “Robert E Peary conducted one vertical replenishment-at-

sea (VERTREP) with the aircraft carrier USS Harry S. Truman (CVN 75), five UNREPs of cargo and fuel, and three UNREPs of fuel for other ships participating in the exercise.”

A VERTREP uses helicopters to transport supplies from one ship to another while at sea.

“COMTUEX is one of the last events that a carrier strike group does as a collective prior to deployment. It is a large complicated exercise the enables the carrier strike group as a whole to get a chance to gel together in a dynamic tactical environment that they may face once they deploy to anywhere in the world,” according to Singleton.

A U.S. Navy carrier strike group must complete COMTUEX prior to embarking on an operational deployment.

“In addition to allowing the ships of the Harry S. Truman Carrier Strike Group to stay on station during COMTUEX, the UNREP experience is beneficial for the combatant ship crews,” according to Singleton. “This is where many Sailors come to understand that the only way they are going receive fresh fruit and vegetables or mail while underway is when they UNREP with a combat logistics force ship like Robert E. Peary. UNREPS are a necessary part of life at sea and are worth it because the ships’

crews get the supplies they need.”

One of the requirements to complete COMTUEX is the ability to perform UNREPS, and Singleton believes that the Harry S. Truman Carrier Strike Group is ready to perform these critical missions while operationally deployed.

“They were very easy to work with and to coordinate all of the details required to complete these large and diverse events,” said Singleton. “I would say they are ready to go.”

Robert E. Peary was crewed by 105 civil service mariners (CIVMARS) for COMTUEX. They were responsible for the operation of the entire ship. Some of the responsibilities of the ship’s CIVMARS included navigation, propulsion, aviation support and communications.

“COMTUEX is one of my favorite events to support.” Concluded Singleton. “It was one of my favorite things to do when I was active duty Navy because every warfare area is involved. COMTUEX is the very best training you can get.”

In addition to the USS Harry S. Truman (CVN 75), Robert E. Peary provided logistical support for the guided-missile destroyer USS Lassen (DDG 82), the guide-missile cruiser USS Normandy (CG 60), the guided-missile destroyer USS Ramage (DDG 61), the guided-missile destroyer

“ COMTUEX is one of the last events that a carrier strike group does as a collective prior to deployment. It is a large complicated exercise the enables the carrier strike group as a whole to get a chance to gel together in a dynamic tactical environment that they may face once they deploy to anywhere in the world

Ancen Singleton

USS Forrest Sherman (DDG 98), the guided-missile destroyer USS Farragut (DDG 99), the guided-missile destroyer USS Truxtun (DDG 103), the guided-missile destroyer USS Stout (DDG 55)and the guide-missile cruiser USS Vella Gulf (CG 72).

For more news from Military Sealift Command, visit www.navy.mil/local/MSCL/.

SURVEY | *Efforts focused on maintenance, quality of workmanship and timeliness*

Continued from A1

direction, and our commitment remains to provide quality, safe housing to our service members and their families. I thank the families who have brought issues up, and encourage anyone who has an unresolved issue to get the government involved.”

The average Overall Satisfaction Index score for family housing was 11.6 points less than the 2018 annual resident satisfaction survey. The 2019 Navy PPV Housing “Out of Cycle” Summary for Commander Navy Installations Command survey results are available here.

In the summary, project names are redacted because the Navy’s business agreements with our PPV housing partners limit the type of information we can release publicly. Housing projects are identified as “A” through “K.” A housing project includes neighborhoods at one or more installation within a specific geographical area managed by a single PPV partner company.

In accordance with the agreements, PPV property managers of neighborhoods that received an Overall Satisfaction Index score less than 75 points (“Average” or below) are required to submit an action plan to address issues noted in the “out of cycle” survey. The action plans will be reviewed and approved by the Navy. Concurrently, the Navy Housing Service Center will develop action plans to ensure all concerns are addressed regardless of score.

“We continue to improve our existing processes and make changes that are designed to enhance our residents’ housing experience and quality of life,” said Greg Wright, CNIC housing director. “The survey results confirmed that many of our immediate actions were focused on the correct areas, and the results provided a more in-depth look at other areas of concern.”

In parallel to PPV housing, the Navy is also applying the same level of scrutiny to Navy-operated government housing overseas. Sailors and their families living in either unaccompanied or family government-operated units were able to provide inputs about their living conditions in the regularly scheduled annual surveys that concluded in June.

Twenty-four percent of privatized family housing residents took the “out of cycle” survey, which is a statistically valid reflection of residents’ opinions. An 8.8 percent response rate for unaccompanied privatized housing is below the 20 percent statistically valid threshold, but the Navy will still use these inputs to guide housing actions. The “out of cycle” survey, originally scheduled to run from April 2 to April 30, was extended to May 9 to allow residents more time to provide input.

Historically, the response rate for the PPV resident satisfaction survey averaged 35 percent for the same population. The lower response rates for both PPV family housing and unaccompanied housing might be attributed to the shorter than normal survey window and lack of incentives. For the Navy’s “out of cycle” survey, the PPV partners were neither allowed to publicize nor participate in the promotion of the survey, which resulted in far less marketing for the survey. In past years, the PPV partners were responsible for funding and advertising the resident satisfaction surveys, which were also conducted by the same independent third party company.

The first seven scored questions of the “out of cycle” survey were the same as past resident satisfaction surveys, which allows for direct comparison of the results. CEL & Associates, an independent third party company, administered the survey for Navy.

Responses to supplemental questions were not included in the satisfaction index, the business success factors, or scoring. The questions were added by the Navy to obtain resident feedback on Navy specific topics.

The Navy included a supplemental question asking residents if they felt pressured to provide higher ratings in previous surveys.



lincolnmilitary.com

A residence at the Willoughby Bay PPV housing area.

A majority, 78.2 percent of residents responded that they did not feel pressured to provide higher ratings. Although 6 percent of respondents answered “yes,” a CEL & Associates review of the comments determined that several residents confused this survey with others, such as maintenance service surveys. Other residents believed that the “Strive for 5” survey adverting campaigns, which are a common practice in service-oriented industry, were a form of pressure.

DISTRIBUTION AND RESULTS

CEL & Associates e-mailed the satisfaction survey to one resident per household using the e-mail addresses provided on leases. Residents completed the survey online using a unique survey link, and only CEL & Associates had access to the results of any individual survey.

CEL & Associates, which conducts similar surveys in the commercial industry, uses a proprietary scoring system to assess resident opinions and aggregates answers into three satisfaction indexes – Overall, Property and Service. Additional scores are broken into nine business success factors.

The Overall Satisfaction for the 42 installations include: five rated Outstanding (100.0 to 85.0); four rated Very Good (84.9 to 80.0); 11 rated Good (79.9 to 75.0); five rated Average (74.9 to 70.0); 12 rated Below Average (69.9 to 65.0); four rated Poor (64.9 to 60.0) and one rated Very Poor (59.9 to 55.0). CEL & Associates scores are calculated using a 1-100-scoring range and are not a percentile or average.

OVERALL FH RESULTS

Navy PPV family housing received an Overall Satisfaction Score of 70.1/Average; a Property Satisfaction Score of 68.3/Below Average and a Service Satisfaction Score of 71.0/Average.

The “out of cycle” survey scores will be included in ongoing discussions and a comprehensive review of all business agreements to identify opportunities for improved oversight and accountability.

The scores of all projects decreased from the 2018 annual survey. Between the 2015 annual survey to the 2018 annual survey there was not a common trend of either increasing or decreasing across the proj-

ects. During the 2015-18 annual survey, all satisfaction scores were rated Average or higher.

QUALITY AND RESPONSIVENESS

When asked about the level and quality of service, 55 percent of residents were satisfied and 29 percent were dissatisfied. When scoring responsiveness of maintenance personnel, 72 percent of residents were satisfied and 18 percent were dissatisfied.

“Residents should report deficiencies to the property managers immediately,” said Wright. “If the issue is not resolved to their satisfaction, residents should notify their Navy Housing Service Center or chain of command who will advocate on their behalf.”

To improve transparency in the work order process, each PPV housing partner now has a smart phone app where residents can verify that their work order is in the maintenance system and receive status updates. Additionally, many PPV partners have implemented a process in which residents sign for work order completions on mobile devices the maintenance technicians carry, much like residents do to acknowledge receipt of a package delivery. The Navy has full access to the privatized housing partners’ maintenance databases and uses the information to help identify trends and keep installation commanding officers and Housing Service Centers informed.

In order to quantify the quality of service, residents are able to rate their work order experience and provide feedback either through an e-mail survey or the maintenance app. The Navy Housing Service Center and the partner property managers both receive these scores and include them in reports to partner and military leadership.

During the “out of cycle” survey, 27.2 percent of respondents answered yes to the question “Do you have any unresolved issues management is aware of but has not been resolved?” While the CEL & Associates surveys are confidential and not designed to isolate an issue within a specific home, a Navy housing representative contacted any resident who provided contact information and asked for a follow-up.

A housing representative from the respective CNIC region contacted the resident confirming that their request was re-

ceived and sent the request to the appropriate installation level Navy Housing Service Center for further action. If the issue was about a maintenance action, the Navy Housing Service Center verified that the work order was in the property manager’s maintenance system. As part of their reporting requirements, the PPV property manager, Navy Housing Service Center and the installation commanding officer meet regularly to review any outstanding maintenance issues.

NAVY HOUSING SERVICE CENTER

In one of the supplemental questions, 39 percent of respondents were not aware that the Navy Housing Service Center is their advocate for on and off installation housing including privatized housing.

“We need to do a better job to ensure that service members and their families are aware of the resources available to them,” said Wright. “The government employees at the installation Navy Housing Service Centers are a wealth of knowledge and experience, and are trained to help residents resolve housing issues as quickly as possible.”

The Navy Housing Service Center employees are government civilians whose primary role is to assist and advocate for the Service members and their family.

In some cases, the roles and missions of the Navy Housing Service Center and the partner property manager have been unclear to customers. Per resident recommendations, the Navy will continue to communicate the difference in functions of these offices and the other resources available to residents. If residents are unsure who they are working with, we encourage them to ask the employee to indicate whether they work for the partner or government.

Resources such as the Navy Housing Service Center, the Region Legal Service Office, and their military chain of command are available for Service members who live in PPV housing and in the economy.

Local Housing Service Center contact information is available at www.cnic.navy.mil/ContactHousing.

Residents who have questions about privatized housing can contact Navy housing headquarters at NavyHousingHQ@navy.mil

COOL | *Policy update began July 24*

Continued from A1

eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the “Navy Bucks” icon to be funded.

Over the past year, additional expanded credentialing opportunities within the Navy COOL program included:

■ **Opportunities for Cross-Rated Sailors.** If you have cross-rated, you now are eligible for certifications and licenses mapped to your prior rating. The “Navy

Bucks” icon on the Navy COOL page for your previous position/rate indicates which certifications and licenses may be funded.

■ **Opportunities for Navy Reservists.** If you are a Navy Reservist, you may now be eligible for funding for credentials related to your civilian occupation. The certification or license must have relevance to the needs of the Navy and must appear on Navy COOL, although it does not need to show the “Navy Bucks” icon to be funded.

■ **Opportunities Related to Off-Duty or Command-Sponsored Training.** If you can document that you have completed an on- or off-duty training course that fully prepares you for a civilian certification or license, you may now be eligible to have it funded. For example, if you took a command-sponsored emergency medical technician (EMT) course, you may be eligible

for funding for an EMT Basic credential.

■ **Opportunities Related to Academic Degrees.** Out-of-rate requests for exam funding for credentials related to an earned academic degree may also be funded if it can be directly related to a national industry certification or federal license. For example, if you have a degree in human resources but are serving as a culinary specialist, you can get funding for a Professional in Human Resources (PHR) certification.

As with any credential, Sailors must meet all other eligibility criteria and the certification or license vendors’ requirements.

For more information about Navy COOL, visit <http://www.cool.navy.mil/>. Sailors can live chat online or call (850) 452-6683 to speak with an advisor during office hours, Monday through Friday, 7:00

a.m. to 4:00 p.m. Central Standard Time. Sailors can also email navycool@navy.mil or use an online feedback form at <https://www.cool.navy.mil/usn/contact/index.htm>.

Navy COOL is a program through Naval Education and Training Command as part of MyNavy HR force development, which ensures that Sailors are equipped with the specific skills they need to do their jobs and have access to educational opportunities to enhance their careers. Sailors can also take advantage of other programs that promote continuous self-improvement through the United Services Military Apprenticeship Program (USMAP) and the Navy College Program.

For more news from Naval Education and Training Command, visit www.navy.mil/local/cnet/ and <https://www.facebook.com/netcpao>.

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USNS Spearhead supports fleet experimentation
The Military Sealift Command's expeditionary fast transport vessel USNS Spearhead (T-EPF1) completed a two-day underway. Spearhead sailed off the coast of Key West, Fla., to conduct fleet experiments with unmanned aerial and undersea systems.

See B6



MC2 Justin Pacheco

A boarding team from the Arleigh Burke-class guided-missile destroyer USS Michael Murphy (DDG 112) bring mariners rescued from a fishing vessel in distress aboard Michael Murphy for aid.

USS Michael Murphy provides aid to stranded mariners

By MC2 Justin Pacheco
U.S. Naval Forces Southern Command & U.S. Fourth Fleet Public Affairs

PACIFIC OCEAN

The Arleigh Burke-class guided-missile destroyer USS Michael Murphy (DDG 112) rescued distressed mariners at sea, July 24.

While conducting routine operations in the U.S. 4th Fleet area of operations, Michael Murphy spotted a small vessel with individuals aboard waving flags in distress.

Five Peruvian mariners were aboard the fishing boat,



Mariners from a fishing vessel in distress are brought aboard the Arleigh Burke-class guided-missile destroyer USS Michael Murphy (DDG 112) for aid after being rescued. Five Peruvian mariners were brought aboard Michael Murphy after their vessel suffered engine failure that left them adrift for more than eight days. Michael Murphy is conducting routine operations in the U.S. 4th Fleet area of operations.

MC2 Justin Pacheco

See STRANDED | B7



MC3 Alana Langdon

The crew of the Navy's newest Arleigh Burke-class guided-missile destroyer, USS Paul Ignatius (DDG 117), brings the ship to life during its commissioning ceremony.

Warship USS Paul Ignatius brought to life

By MC3 Alana Langdon
NPASE East, Det. Southeast Public Affairs

PORT EVERGLADES, FLA.

The ship's namesake, Paul Ignatius, served honorably as Secretary of the Navy under President Lyndon Johnson from 1967 to 1969 and as a commissioned lieutenant during World War II aboard the Casablanca-class escort carrier USS Ma-

nila Bay (CVE 61).
"What could be greater than serving aboard a United States destroyer," said Ignatius himself, speaking from a podium aboard the ship's quarterdeck. "Destroyers have an honorable role in Navy history because of their many capabilities."
It was Dr. Elisa Ignatius, granddaughter to the ship's sponsor, the late Nancy Ignatius, who ordered the crew to bring the ship to life. Sailors rushed from shore, carrying aboard their motto "ALWAYS READY, FIGHT ON," running two-at-a time to populate the ship. Medals jangled from their dress whites as Paul Ignatius Sailors

See WARSHIP | B7

Purple Heart awarded posthumously after ship remains found

By MC2 Mason Gillan
Naval Support Activity Mid-South

MILLINGTON, TENN.

After 74 years, Seaman 1st Class James Cunningham of Jackson, Tenn., received the Purple Heart he earned as he went down with his ship during WWII.

During a ceremony in Millington July 27, Rear Adm. Jeff Hughes, Commander, Navy Personnel Command, posthumously presented the award. Cunningham's 85-year-old sister, Clara Cunningham Osborne of Knoxville, accepted the decoration on his behalf. Additionally, Capt. Alonza Ross, Commanding Officer, Naval Support Activity Mid-South, presented Osborne with the Navy Gold Star Families pin. Navy Operational Support Center Memphis hosted the ceremony.

Cunningham was aboard the USS Eagle (PE-56) when it was hit by a German torpedo in April of 1945.

"It was such an honor to host the Cunningham family here in Millington and



Photo donated by the Cunningham Family
After 74 years, Seaman 1st Class James Cunningham of Jackson, Tenn., received the Purple Heart he earned as he went down with his ship during WWII. Cunningham was aboard the USS Eagle (PE-56) when it was hit by a German torpedo in April of 1945.

See HEART | B7



Courtesy of Lisa Smith Molinari

A tribute to summer soft serve joints

By Lisa Smith Molinari
The Meat & Potatoes of Life

A few months ago, I was cursing my place in the world. I mean literally, the actual spot where we live here in “Rhode Iceland.” After my husband retired from the Navy, I thought I could handle the harsh, bitter, seemingly endless New England winters, but every time it snows in April (and it does every year) I curse the ground it falls upon.

But somehow, without fail, summer comes to this temperamental part of the planet, and it has the same effect that the birth of each of my three babies had on me after long hours of labor — I am so happy to see it, I completely forget about the excruciating pain I just endured.

As soon as the flowers begin to bloom, the lawn turns green, and mild coastal breezes waft over the bay — POOF! I have selective amnesia. I suddenly can’t recall the chunks of gritty snow hanging from my car’s wheel wells, the salt stains on my leather boots, the Nor’easters that cut me to the quick, the chapped lips, the flakey skin, and our shocking fuel oil bills.

I never know the exact date that the mercy of

selective amnesia will thaw my frozen psyche, but it usually coincides with another much-anticipated yearly event — the opening of our local summer soft serve ice cream joint.

Those who are stationed in California, Hawaii, Arizona, Florida, or Texas might not understand this, but living in climates with harsh winters does come with certain benefits. And one of those is the privilege of experiencing summer soft serve joints. They are generally dumpy, privately-owned, small businesses run out of shacks with walk-up windows, neon signs and outdoor picnic tables. They only operate in summer, and local folks line up on opening day. Their soft serve cones are always huge, but the napkins are inevitably too small to catch the drips. They have names that often include cutesy misspelled derivations of “freeze,” “cone,” “treat,” “dairy,” and “cream.”

Where I grew up in Western Pennsylvania, there’s one such joint called “Stern’s” in the former coal mining borough of Creekside. On any given night in summer, locals line up for humongous swirled soft serve cones that look like they’ll topple over they’re so tall, and home-made hot apple dumplings smothered in vanilla frozen custard.

After marriage, the Navy took my family to tours of duty in warmer climates where our ice cream cravings could only be satisfied at year-round chain restaurants. And while stationed overseas, we took the mandatory culinary detour away from American cuisine to experience the delights of European gelato parlors.

But soon after being stationed in Rhode Is-

land six years ago, our family learned about “Frosty Freez,” a tiny walk-up shack in a parking lot in front a strip joint off of East Main Street, between an insurance agency and Glam Nail Salon. That first summer, we heard the hubbub about opening day, and wondered, “What’s the big deal? Why is everyone lining up for basic soft-serve and rainbow sprinkles?” But it didn’t take us long to catch the aura of this iconic little gem. Now, we fight the line with everyone else, swatting bugs attracted to the neon lights, to get our rightful taste of the season.

My order is usually vanilla and coffee custard swirled on a cone, and dipped in chocolate, because I love the process of systematically nibbling off the chocolatey shell and licking the ice cream drips. Francis typically opts for a strawberry shake. The kids orders vary, but they mostly go for the candy-packed “Flurries.”

Local joints like Frosty Freez thrive despite stiff competition from year-round establishments because they represent something more than the cheap frozen custard they express out of stainless steel machines into flimsy cones and dip in waxy imitation chocolate. To the people who flock to them, they represent sunshine and swimming pools, green grass and garden hoses, flip-flops and fireflies, baseball games and bathing suits, sunburns and screened doors, fire pits and Frisbees, bug bites and beach chairs.

Simply put, soft serve ice cream joints are American symbols of summer joy.

<https://themeatandpotatoesoflife.com/>

Seabees begin construction of new school for indigenous Colombian Wayuu tribe

By MC1 Peter Lewis
Southern Partnership Station 2019 Public Affairs

RIOHACHA, COLOMBIA

The Southern Partnership Station (SPS) 2019 Seabee detachment from Naval Mobile Construction Battalion ONE (NMCB 1) began construction of a new school for Colombia’s indigenous Wayuu people.

Construction of the school will take approximately six weeks and is scheduled to be completed in late August.

“Building this schoolhouse is going to benefit the local Wayuu people by providing the educational tools for the kids to succeed in the community,” said Builder 2nd Class Hector Juarez, the construction site manager. “Our Seabees are here working hard to make sure we provide the locals with a great building so the kids can maximize their learning for years to come.”

The Seabees spent the long days working alongside their Colombian army counterparts, exchanging different construction techniques, and learning new skills from each other.

“Working together, we both have learned a lot and there’s still more to come,” Juarez added. “Some of their techniques have taught more traditional construction means, while

“ Building this schoolhouse is going to benefit the local Wayuu people by providing the educational tools for the kids to succeed in the community. Our Seabees are here working hard to make sure we provide the locals with a great building so the kids can maximize their learning for years to come.”

Hector Juarez

our tools have helped [the Colombian engineers] gain experience with [newer] technol-

ogy. So we both have gained a lot.”

The Seabees agreed that the experience has been enriching, both in knowledge gained and in personal experience.

“I feel really strongly about SPS and being a part of it. It makes you feel really humble seeing different parts of the world, especially seeing the kids and how they interact with us,” said Utilitiesman 3rd Class Ashly Cruz. “Being a part of SPS has been eye-opening. It makes me feel humble and I’d love to be part of it again.”

SPS is an annual series of U.S. Navy deployments focused on exchanges with regional partner nation militaries and security forces. SPS 19 consists of fly-away deployments of adaptive force packages to Barbados, Colombia, Guatemala, Honduras and Peru to conduct training and subject matter expert exchanges to improve capacity in medical, dive operations, and engineering.

SPS is part of U.S. Southern Command’s Enduring Promise initiative and reflects the United States’ enduring promise of friendship, partnership and solidarity with the Caribbean, Central and South America. U.S. Naval Forces Southern Command/U.S. 4th Fleet is committed to supporting the efforts of partner nations to increase institutional capacity and regional collaboration for humanitarian assistance and disaster relief — one of the greatest challenges facing the region.

For more information and news from U.S. Naval Forces Southern Command & U.S. 4th Fleet, visit www.navy.mil/local/cusns/, www.facebook.com/NAVYSOUS4THFLT/, and www.twitter.com/NAVYSOUS4THFLT/.



Q: The Navy says it’s focusing on the correct issues from information it received from the “out of cycle” housing survey. I’d like to do my own research, where can I find the information?

A: A copy of the survey results can be found and downloaded at <https://www.cnic.navy.mil/ffr/housing/housing-faqs.html>

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NAVSUP gains momentum with focus on people

By Jeff Landis
NAVSUP WSS Corporate Communications & Public Affairs

PHILADELPHIA

Naval Supply Systems Command (NAVSUP) and NAVSUP Weapon Systems Support (NAVSUP WSS) have always made taking care of their people – the NAVSUP enterprise’s most valuable asset – their top priority.

And as the U.S. Navy adapts to a faster-paced, more complex, and increasingly competitive security environment, NAVSUP and its workforce must also reform and adapt to meet the changing needs, helping to increase naval readiness and lethality. The cornerstone of NAVSUP Reform is people.

Through several reform initiatives, referred to as enabling a “New Era Workforce,” NAVSUP intends to transform the NAVSUP culture through continuous and sustained reform efforts focused on strategic organizational structures, data analytics, performance, knowledge and talent management.

The initiative, part of the larger NAVSUP Reform effort started in the spring of 2018, is a critical element as NAVSUP recruits, retains, develops, and trains the next generation of leaders in a time of great demand.

“We work together as a team...we are becoming more agile and competing in ways that are sustainable and ready to control the high end of maritime conflict,” said Rear Adm. Michelle Skubic, NAVSUP commander and chief of Supply Corps. “Using enhanced processes and new technologies, we will support our warfighters faster and more efficiently. NAVSUP will always be ready to serve, ready to sustain and ready for sea.”

Mike Callahan, program analyst, NAVSUP N1 talent management and value team lead for the New Era Workforce initiative, said that it’s all about designing programs



The Naval Supply Systems Command Weapon Systems Support (NAVSUP WSS)-Mechanicsburg N972 Aircraft Carrier (CVN) Integrated Weapon Systems Team (IWST) “Carrier Nation” team recently conducted a pod team meeting in Mechanicsburg, Pa., to synchronize efforts.

and processes for putting the right people in the right place at the right time.

“The New Era Workforce is an enabler that crosses the entire NAVSUP enterprise – it impacts people and culture,” said Callahan. “It is critical to our success. We need a workforce that is able to adapt to a changing environment and able to meet the needs of the customer and help our warfighters maintain warfighter readiness and lethality.”

Under the New Era Workforce umbrella are five key lines of effort.

- The five lines of effort are:
1. Command Initiatives – Reorganize NAVSUP into cross-functional teams centered on Integrated Weapon Systems Teams (IWSTs) to better prioritize and align efforts, implement strategic budgeting and enhance metrics to improve NAVSUP processes.
 2. Reorganize and reform operations research functions across NAVSUP to maximize analytical strategies for improved capability and performance of the supply chain – intent is to create a NAVSUP Enterprise Analytics Center of Excellence.
 3. Change how NAVSUP evaluates its

people to reflect reform goals.

4. Implement a knowledge management process and systems to improve employee performance.
5. Develop a new workforce strategy focused on retention and career development.

The New Era Workforce initiative was developed to embrace development and evolution, and to increase transparent and solution focused communication between employees – people and teams working together to meet challenges for NAVSUP today and into the future.

The initiative intends to create an agile, adaptable workforce of devoted people who work together to solve problems and are accountable for their actions. Additionally, under the new initiative, employees – no matter at what level – are empowered to escalate problems and roadblocks quickly, and supervisors and employees collaborate to find the best solutions to issues. Supervisors can enable this by inviting discussions to involve employees in the problem solving process and collaborate on solutions.

“The ability to change and be agile is a function of organizational culture,” said Michael Madden, NAVSUP vice commander, who recently offered a set of ideals to both supervisors and employees to underscore the importance of organizational culture change and individual action. “I believe we have a resilient culture that adapts to change. I believe we understand the mission and its importance to the Sailors we send into harm’s way. Working from these set of ideals and teaching them to our new employees will enable positive change and mission success.” Recognizing these ideals and embracing collaboration and understanding is at the heart of the New Era Workforce initiative.

The early successes of this collaboration come from the cross-functional team concept, which included teams from the Cruiser/Destroyer (CRUDES) IWST, Aircraft Carrier (CVN) IWST and the F/A-18 Hornet fighter aircraft IWST.

By co-locating key people in the IWST teams with contract specialists, supply planners, program managers and IWST leadership, these cross-functional teams create a better structure, cadence and focus on priority tasks. They achieve this by creating a regular readiness recovery “drumbeat” or meetings to review progress with leadership and establishing shared priorities with all members using a common set of tools and metrics to support supply chain management functions. Additionally, through col-

laboration the teams created a priority list of National Item Identification Numbers (NIINs) (stock items with 9-digit code identifiers), filtered by casualty reporting (CASREP) and Unfilled Customer Orders (UCOs).

Successes include the CRUDES and CVN IWSTs meeting or exceeding repair obligation goals each month successively since their co-location in February 2019. Priority CASREPs and UCOs have noticeably reduced and Administrative Lead Time (ALT) has reduced by four months.

With the F/A-18 IWST, the integrated teams implemented a new virtual operation model that focuses on cross-collaboration with contracting, engineering, and finance to eliminate the top degraders on Super Hornet readiness. Weekly production stand-up meetings and Readiness Acceleration Boards provide a forum to elevate and resolve barriers and accelerate the contract award process. Since July 2018, successes include an 8 percent decrease in high priority backorders, a 6 percent reduction in Non-mission Capable Supply (NMCS), a 13.5 percent decrease of work-in-process time for purchase requests, and a 55 percent increase in contract awards per month.

According to Jane McMullen, senior executive service director for N1, NAVSUP and sponsor for the New Era Workforce initiative, the reform effort is the keystone to real change.

“As the Navy increases its capabilities and operational tempo, NAVSUP must reform and adapt its culture to reflect the immediacy of naval readiness and lethality,” said McMullen. “We do this by embracing our most valuable asset – our people – to make the necessary changes and to work together to make a difference. We must invest in a culture of excellence and prepare our leaders for the future.”

NAVSUP Weapon Systems Support is one of eleven commands under Commander, NAVSUP. Headquartered in Mechanicsburg, Pennsylvania, and employing a diverse, worldwide workforce of more than 22,500 military and civilian personnel, NAVSUP’s mission is to provide supplies, services, and quality-of-life support to the Navy and joint warfighter.

Learn more at www.navsup.navy.mil, www.facebook.com/navsup and <https://twitter.com/navsupsyscom>.

For more news from NAVSUP Weapon Systems Support, visit www.navy.mil/local/navsupwss/.

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NAVSUP gains momentum with focus on people

By Jeff Landis

NAVSUP WSS Corporate Communications & Public Affairs

PHILADELPHIA

Naval Supply Systems Command (NAVSUP) and NAVSUP Weapon Systems Support (NAVSUP WSS) have always made taking care of their people – the NAVSUP enterprise’s most valuable asset – their top priority.

And as the U.S. Navy adapts to a faster-paced, more complex, and increasingly competitive security environment, NAVSUP and its workforce must also reform and adapt to meet the changing needs, helping to increase naval readiness and lethality. The cornerstone of NAVSUP Reform is people.

Through several reform initiatives, referred to as enabling a “New Era Workforce,” NAVSUP intends to transform the NAVSUP culture through continuous and sustained reform efforts focused on strategic organizational structures, data analytics, performance, knowledge and talent management.

The initiative, part of the larger NAVSUP Reform effort started in the spring of 2018, is a critical element as NAVSUP recruits, retains, develops, and trains the next generation of leaders in a time of great demand.

“We work together as a team...we are becoming more agile and competing in ways that are sustainable and ready to control the high end of maritime conflict,” said Rear Adm. Michelle Skubic, NAVSUP commander and chief of Supply Corps. “Using enhanced processes and new technologies, we will support our warfighters faster and more efficiently. NAVSUP will always be ready to serve, ready to sustain and ready for sea.”

Mike Callahan, program analyst, NAVSUP N1 talent management and value team lead for the New Era Workforce initiative, said that it’s all about designing programs



The Naval Supply Systems Command Weapon Systems Support (NAVSUP WSS)-Mechanicsburg N972 Aircraft Carrier (CVN) Integrated Weapon Systems Team (IWST) “Carrier Nation” team recently conducted a pod team meeting in Mechanicsburg, Pa., to synchronize efforts.

and processes for putting the right people in the right place at the right time.

“The New Era Workforce is an enabler that crosses the entire NAVSUP enterprise – it impacts people and culture,” said Callahan. “It is critical to our success. We need a workforce that is able to adapt to a changing environment and able to meet the needs of the customer and help our warfighters maintain warfighter readiness and lethality.”

Under the New Era Workforce umbrella are five key lines of effort.

The five lines of effort are:

1. Command Initiatives – Reorganize NAVSUP into cross-functional teams centered on Integrated Weapon Systems Teams (IWSTs) to better prioritize and align efforts, implement strategic budgeting and enhance metrics to improve NAVSUP processes.
2. Reorganize and reform operations research functions across NAVSUP to maximize analytical strategies for improved capability and performance of the supply chain – intent is to create a NAVSUP Enterprise Analytics Center of Excellence.
3. Change how NAVSUP evaluates its

people to reflect reform goals.

4. Implement a knowledge management process and systems to improve employee performance.

5. Develop a new workforce strategy focused on retention and career development.

The New Era Workforce initiative was developed to embrace development and evolution, and to increase transparent and solution focused communication between employees – people and teams working together to meet challenges for NAVSUP today and into the future.

The initiative intends to create an agile, adaptable workforce of devoted people who work together to solve problems and are accountable for their actions. Additionally, under the new initiative, employees – no matter at what level – are empowered to escalate problems and roadblocks quickly, and supervisors and employees collaborate to find the best solutions to issues. Supervisors can enable this by inviting discussions to involve employees in the problem solving process and collaborate on solutions.

“The ability to change and be agile is a function of organizational culture,” said Michael Madden, NAVSUP vice commander, who recently offered a set of ideals to both supervisors and employees to underscore the importance of organizational culture change and individual action. “I believe we have a resilient culture that adapts to change. I believe we understand the mission and its importance to the Sailors we send into harm’s way. Working from these set of ideals and teaching them to our new employees will enable positive change and mission success.” Recognizing these ideals and embracing collaboration and understanding is at the heart of the New Era Workforce initiative.

The early successes of this collaboration come from the cross-functional team concept, which included teams from the Cruiser/Destroyer (CRUDES) IWST, Aircraft Carrier (CVN) IWST and the F/A-18 Hornet fighter aircraft IWST.

By co-locating key people in the IWST teams with contract specialists, supply planners, program managers and IWST leadership, these cross-functional teams create a better structure, cadence and focus on priority tasks. They achieve this by creating a regular readiness recovery “drumbeat” or meetings to review progress with leadership and establishing shared priorities with all members using a common set of tools and metrics to support supply chain management functions. Additionally, through col-

laboration the teams created a priority list of National Item Identification Numbers (NIINs) (stock items with 9-digit code identifiers), filtered by casualty reporting (CASREP) and Unfilled Customer Orders (UCOs).

Successes include the CRUDES and CVN IWSTs meeting or exceeding repair obligation goals each month successively since their co-location in February 2019. Priority CASREPs and UCOs have noticeably reduced and Administrative Lead Time (ALT) has reduced by four months.

With the F/A-18 IWST, the integrated teams implemented a new virtual operation model that focuses on cross-collaboration with contracting, engineering, and finance to eliminate the top degraders on Super Hornet readiness. Weekly production stand-up meetings and Readiness Acceleration Boards provide a forum to elevate and resolve barriers and accelerate the contract award process. Since July 2018, successes include an 8 percent decrease in high priority backorders, a 6 percent reduction in Non-mission Capable Supply (NMCS), a 13.5 percent decrease of work-in-process time for purchase requests, and a 55 percent increase in contract awards per month.

According to Jane McMullen, senior executive service director for N1, NAVSUP and sponsor for the New Era Workforce initiative, the reform effort is the keystone to real change.

“As the Navy increases its capabilities and operational tempo, NAVSUP must reform and adapt its culture to reflect the immediacy of naval readiness and lethality,” said McMullen. “We do this by embracing our most valuable asset – our people – to make the necessary changes and to work together to make a difference. We must invest in a culture of excellence and prepare our leaders for the future.”

NAVSUP Weapon Systems Support is one of eleven commands under Commander, NAVSUP. Headquartered in Mechanicsburg, Pennsylvania, and employing a diverse, worldwide workforce of more than 22,500 military and civilian personnel, NAVSUP’s mission is to provide supplies, services, and quality-of-life support to the Navy and joint warfighter.

Learn more at www.navsup.navy.mil, www.facebook.com/navsup and <https://twitter.com/navsupsyscom>.

For more news from NAVSUP Weapon Systems Support, visit www.navy.mil/local/navsupwss/.



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Carderock hosts 2019 ISEA of the Future Forum

By Benjamin McKnight III
Naval Surface Warfare Center, Carderock Division Public Affairs

WEST BETHESDA, MD.

The Navy’s Warfare Centers are actively working to embrace the future of the fleet and in June, Naval Surface Warfare Center, Carderock Division played its part by hosting an In-Service Engineering Agent (ISEA) of the Future Forum.

With a focus on digital twin, model-based systems engineering, live-virtual-constructive approaches and autonomy/unmanned systems, the two-day event June 19-20 featured a wide array of guest lecturers and panelists facilitating in-depth discussions on highlighted topics.

“ISEA of the Future is an initiative where we look to identify tools and processes that will enable our engineering agents to more effectively do their job and support the fleet,” said Dr. David Drazen, digital twin program manager in Carderock’s Scientific and Technical Liaison Branch. “We are hoping to leverage advancements such as data science, additive manufacturing, augmented and virtual reality, and autonomy to increase operational availability of the fleet while minimizing cost.”

Naval Surface Warfare Center, Port Hueneme Division’s technical director Paul Mann opened both days with overviews of the ISEA vision. Capt. Steve Murray, the Navy’s Major Program Manager for Surface Ship Readiness, accompanied Mann on the first day and provided the audience with a service member’s perspective of the ISEA goal. A keynote address from Rear Adm. Doug Small, Program Executive Office for Integrated Warfare Systems, headlined the second day of sessions that welcomed industrial and academic contributors to the Navy’s, along with the Department of Defense participants.

“What I am most passionate about is the people behind what we do,” Small said. “Our ability to be the best Navy in the world for a long time is because of our ability to take the latest and greatest technology and put it into the hands of the greatest Sailors in the world.”

One of the ideas in the umbrella of Small’s reference to the latest and greatest technology is the utilization of autonomous and unmanned machines. Carderock’s Reid McAllister in the Unmanned Vehicles and Autonomous Systems (UVAS) Working Group hosted the first of two Unmanned/Autono-

mous Systems panels on day one. The following day, Navy veteran and Director of University of Maryland UAS Test Site Matt Scassero delivered a UAS-focused lecture titled “Multi-domain and Seamless Communications.”

Scassero’s primary message was on the importance of creating secure and efficient methods of communicating to unmanned and autonomous systems. According to him, giving these systems longer ranges and the ability to operate more independently from humans requires complex communication methods rather than the point-to-point radio frequency traditionally used in unmanned machines. Along with the advancement, though, Scassero said there should be adequate means to safeguard the messages and data transferred.

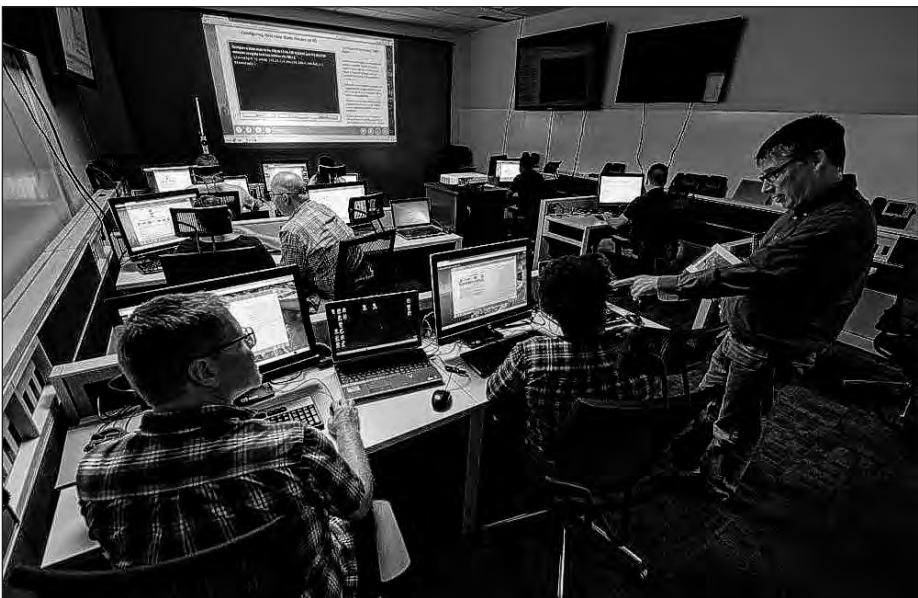
“Cyber security is pushing us to have more secure communications systems, not only for safeguarding the data itself, but also the quality of the data, to make sure people can’t actually hack into our systems,” he said.

To convey the progress made in the UAS arena thus far, Scassero told the story of the first-ever delivery of a human organ on an unmanned aircraft that took place in April. The 10-minute flight from the Living Legacy Foundation in downtown Baltimore to the University of Maryland Medical Center displayed the realistic possibility of the using autonomous systems to transport supplies to Navy platforms.

Both days also featured multiple sessions on the digital twin concept. Dr. Ryan Coleman and Maxwell Danik from the Sandia National Lab gave a presentation on day two highlighting ways that engineers could use multiple technologies to build and upkeep a digital twin program. Within their lecture, Coleman and Danik showed how a link between digital twin and model-based systems engineering and how Sandia implements these technologies to reduce the development cycle duration of nuclear weapons.

Creating the Navy of the future requires an all-inclusive effort from service members and civilians alike. With initiatives like those discussed over the course of the forum, Small is confident that ISEA is steering the Warfare Centers in the right direction.

“I’ve been to the future and it’s awesome, because the ISEA of the future is awesome,” Small said.



U.S. Navy Naval Information Warfare Center (NIWC) Atlantic employee Fred Bisel teaches students in the Cyber Education and Certification Readiness Facility (CERF) Lab.

NIWC Atlantic employee named first DoD AWS Educate Cloud Ambassador

By Diane Owens
Naval Information Warfare Center Atlantic Public Affairs

CHARLESTON, S.C.

Naval Information Warfare Systems Center (NIWC) Atlantic’s Cyber Education and Certification Readiness Facility (CERF) founder and lead was named a 2019 Amazon Web Services (AWS) Educate cloud ambassador.

Fred Bisel received the recognition as a member of the inaugural cohort of the AWS Educate Cloud Ambassador Program.

The cloud ambassadors include leading educators and technical experts at more than 175 higher education and K-12 institutions in more than 32 countries. The honor is presented to individuals excelling in teaching cloud computing and pushing the boundaries of cloud learning in the classroom.

Bisel is the first and only Department of Defense (DoD) cloud ambassador.

“We’re honored to participate in both the AWS cloud ambassador program and in the Amazon Web Services (AWS) Educate program,” said Bisel. “AWS courses provide NIWC Atlantic employees and other civilian and military members the knowledge required to obtain crucial certifications to ensure a highly skilled workforce.”

NIWC Atlantic is the first DoD agency chosen to offer AWS cloud training to members of all branches of the military and to its own civilian and military workforce through

another AWS program called AWS Academy.

The first one-week, face-to-face portion of the AWS Academy Cloud Foundations course was held for Marine Corps active duty members and civilian employees at the Pentagon in Washington June 10 – 14 using AWS-provided coursework including lectures, self-assessments and hands-on lab projects. In addition to classroom training, AWS Academy provides students with one-year online access to remote curriculum that supplements classroom training.

“It is such a privilege to have Mr. Bisel and his team at NIWC Atlantic,” said Andrew Mansfield, NIWC technical director. “Fred is the epitome of a NIWC Atlantic employee – he has a passion for learning and sharing, and an absolute focus on mission. He will represent the DoD in an exemplary fashion, and I look forward to seeing how he will help lead the transformation of our workforce to embrace cloud computing.”

AWS Educate is Amazon’s global initiative to provide students and educators with the resources needed to accelerate cloud-related learning, access to AWS technology and open source content for classes. AWS Cloud Ambassadors benefit from cutting-edge continuing education and opportunities to network with experienced educators and practitioners, to provide unparalleled education to students.

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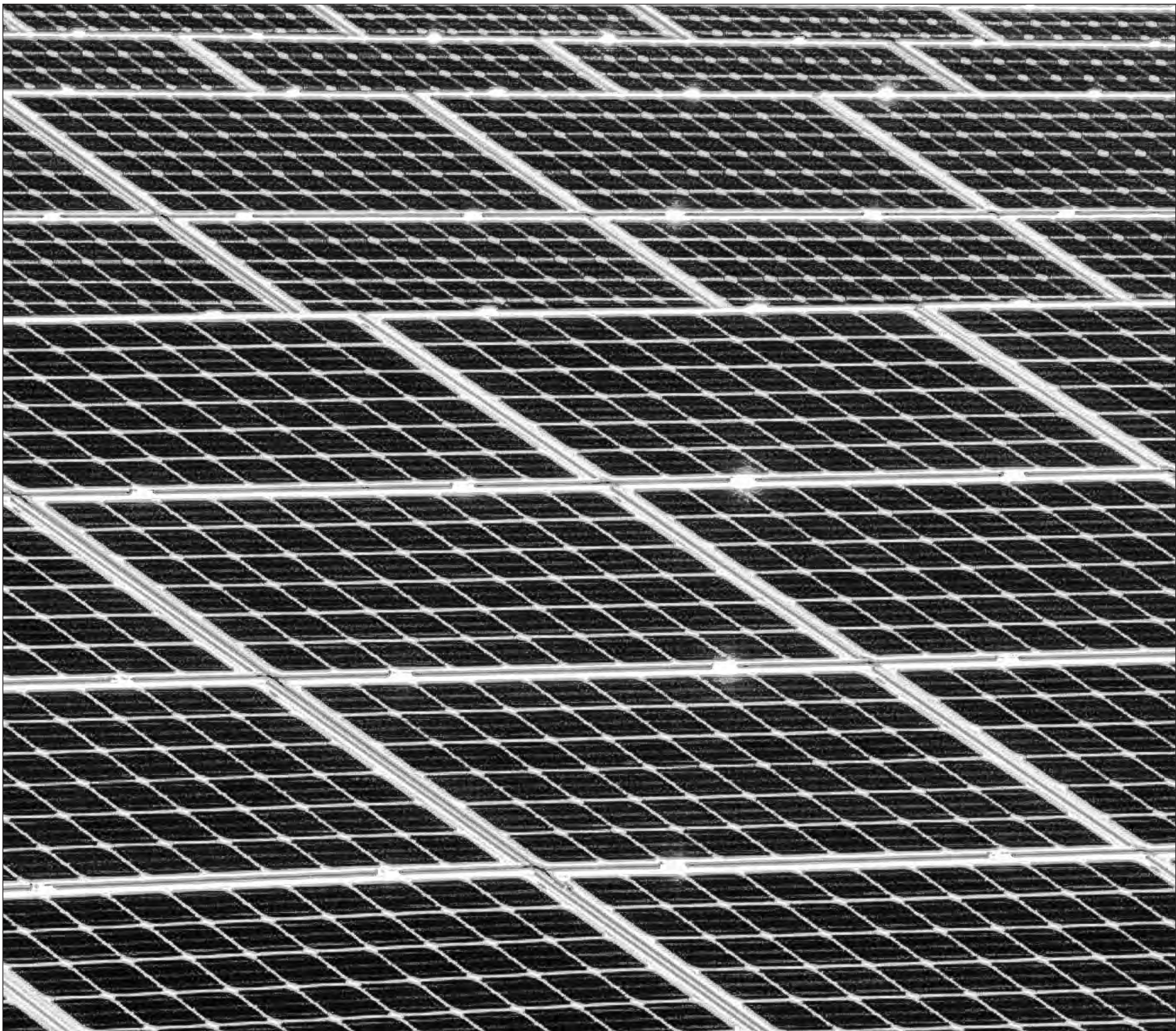
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A view of solar panels being installed at Naval Station Guantanamo Bay, Cuba. The solar farm is being installed to provide electricity for the ongoing expansion of Denich Gym at the naval station's Cooper Field sports complex. Bill Mesta

NS GUANTANAMO BAY TO SEE GREAT ENERGY SAVINGS

From Naval Facilities Engineering Command Southeast Public Affairs

JACKSONVILLE, FLA.

Naval Station Guantanamo Bay will soon see great improvements as the Navy awarded the largest Energy Savings Performance Contract July 24 to Siemens Government Technologies for construction of a new power plant complex.

The new power plant complex will include the Navy's first implementation and use of liquified natural gas.

"This project will pay tremendous dividends in energy efficiency and security," said Naval Station Guantanamo Bay Commanding Officer Capt. John Fischer. "Naval Station Guantanamo Bay is a leader in shore installation innovation, and the ESPC proves we're continuing on that course."

The new power plant complex will

become the primary power generation facility for NS Guantanamo Bay. The installation's current diesel generator complex will become a subsidiary system to ensure a more consistent power supply, as well as a backup system in the event of power failures or planned maintenance.

Annual savings from this project will include a reduction of nearly 4 million BTUs and nearly 1 million gallons of water.

"With 17 percent of the power generated by the new plant using renewable sources of energy, this facility will not only be more effective than the outdated equipment it replaces, it will also be much friendlier for the environment," said NS Guantanamo Bay Assistant Public Works Officer Lt. Matthew Lundin.

Naval Facilities Engineering Command Engineering and Expeditionary

Warfare Center awarded the \$828.8 million multiple award indefinite-delivery, indefinite-quantity ESPC and will have contract oversight while NAVFAC Southeast and the Facilities, Engineering and Acquisition Director at NS Guantanamo Bay will oversee the work on site.

The work to be performed provides for the construction, operations, and maintenance of energy conservation measures to improve energy efficiency and reliability, which include heating, ventilation, and air conditioning upgrades, lighting upgrades, commercial refrigeration upgrades, distributed generation, renewable energy photovoltaic panels or systems for both the demand and supply sides, energy storage, power control, supervisory control and data acquisition systems, water retrofits and wastewater.

The project supports the Navy's three

“ This project will pay tremendous dividends in energy efficiency and security. Naval Station Guantanamo Bay is a leader in shore installation innovation, and the ESPC proves we’re continuing on that course.

John Fischer

pillars of energy security – resiliency, reliability and efficiency – and will improve NS Guantanamo Bay's ability to achieve mission requirements through improved infrastructure, energy cost savings and increased energy security.

Groundbreaking for the facility will begin in early 2020, while other improvements will begin immediately.

For more news from Naval Facilities Engineering Command, visit www.navy.mil/local/navfachq/.

Guam service members and local community remember WWII massacre victims

By Valerie Maigue
U.S. Naval Base Guam Public Affairs

SANTA RITA, GUAM

More than 200 Guam residents and military service members gathered at the Fena Cave Memorial July 20, to pay their respects to those who were killed at the cave during World War II. The Fena Cave is located on what is now U.S. Naval Base Guam (NBG) Ordnance Annex in Santa Rita.

"It's the perfect time to remember the anniversary of the liberation of Guam – one to look back and understand the turmoil that happened throughout the world but definitely here on Guam," said NBG Commanding Officer Capt. Jeffrey Grimes. "To look back is always something we must do, but I think it also for us in uniform reminds us that we're here to fight for peace, so that

we never have to fight in war."

In recent years, the NBG commanding officer in conjunction with the Agat Mayor's Office invites the families of the victims to reflect and honor those who were killed in the massacre.

On July 19, 1944, just two days before the liberation of Guam, more than 30 young men and women from the villages of Agat and Sumay would be massacred at the Fena Cave in what was Agat village at the time.

The young men and women were held under strict working conditions and were forced to stay behind while their parents were sent to the concentration camp in the Mannengon Valley.

About 50 of them were rounded up to go to the caves that day. Some of the young men were given Japanese alcohol as a

"reward" for their tedious work, but it wasn't long before enemy soldiers would kill them with grenades, machine guns, and bayonets. Some of them would survive by hiding themselves under the lifeless bodies and pretending to be dead.

Vicente Topasna Borja's uncle and namesake Vicente Munoz Borja was one of the young men killed on that fateful day at Fena.

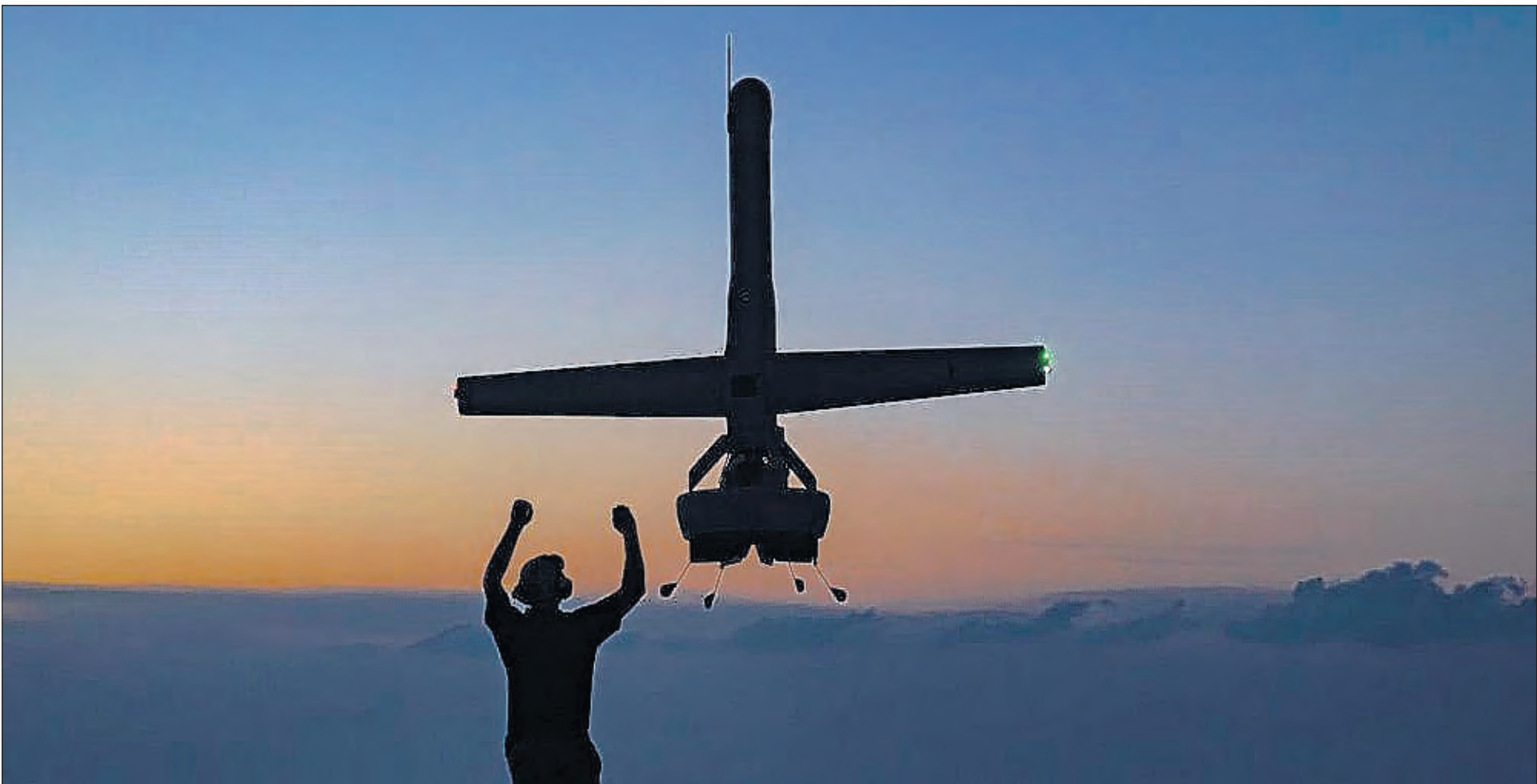
"They were selected to go up there to do forced labor and they were moving ammunition around and right before the Americans had landed, the Japanese were doing a lot of atrocities – killing the Chamorro civilians," said Vicente Topasna Borja. "It was very emotional for me and like I said I was named after him and it just touched my heart to go up there - this is my second time to the cave and my first time here for this ceremony but I do plan to come every year from now on."

This year, Seabees with Naval Mobile Construction Battalion 133 constructed a new elevated wooden walk way leading up to the path. Grimes planned and worked the project out with Agat Mayor Kevin Susuico.

"We finally realized that goal together and the platform was definitely there for safety and at the same time it was a great show of respect for the monument of the Fena Cave," Grimes said.

“ “It's the perfect time to remember the anniversary of the liberation of Guam – one to look back and understand the turmoil that happened throughout the world but definitely here on Guam. To look back is always something we must do, but I think it also for us in uniform reminds us that we're here to fight for peace, so that we never have to fight in war.

Jeffrey Grimes



MC2 Anderson W. Branch
A VBAT vertical take-off and landing (VTOL) unmanned aerial system (UAS) prepares to land on the flight deck of the Military Sealift Command expeditionary fast transport vessel USNS Spearhead (T-EPF 1). VBAT UAS provides improved detection and monitoring to support counter-narcotics missions in the Caribbean and Eastern Pacific.

USNS Spearhead supports fleet experimentation

By MC2 Anderson Branch
U.S. Naval Forces Southern Command & U.S. 4th Fleet Public Affairs

KEY WEST, FLA.
The Military Sealift Command’s expeditionary fast transport vessel USNS Spearhead (T-EPF 1) recently completed a two-day underway.
Spearhead sailed in the Atlantic Ocean off the coast of Key West, Fla., to conduct fleet experiments with multiple unmanned aerial and undersea systems, to include the V-BAT vertical take-off and landing (VTOL) unmanned aerial vehicle (UA), Scan Eagle UAV and Knifefish unmanned underwater vehicle (UUV). Spearhead also tested the assured position, navigation and timing (PNT) system.
Dr. Christopher Heagney, U.S. Naval Forces Southern Command/U.S. 4th Fleet science advisor coordinated the fleet experi-

mentation for the underway period.
“The purpose for these underway [periods] is to get new capabilities that are under development by warfare centers, program offices, original equipment manufacturers and academia out in the fleet environment so we can do at-sea testing,” said Heagney.
Heagney continued in saying that testing this equipment at sea is necessary due to the difference in variables between a lab environment and a maritime environment.
“You’d be surprised how difficult things are when they’re in a maritime environment as opposed to testing on land. That’s why it’s so important for us to be out here.”
Heagney believes that the experiments tested were very successful. “We had a fairly defined list of tasks that needed to be accomplished and we hit the mark on every one.”
Some of the experiments conducted in-

cluded testing the Knifefish UUV enables mine countermeasures missions (MCM) from an EPF as a vessel of opportunity (VOO), operating the V-BAT and Scan Eagle to provide improved detection and monitoring to support counter-narcotics missions in the Caribbean and Eastern Pacific and testing PNT for navigation in GPS denied/degraded environments.
Heagney believes experiments like this are necessary for the progress of naval innovation. “In order for the fleet to focus on innovation as a priority, we have to be able to take time to experiment at sea. Having a U.S. Navy ship take a week out of operations to test new capabilities makes the final product of our experiments much better and more efficient.”
Another coordination effort completed by Heagney was embarking more than 30 scientists onboard Spearhead to observe the fleet experimentation.
Holly Gardner, Program Executive Office (PEO) Unmanned & Small Combatants (USC) Science & Technology (S&T) Mine Warfare (MIW) Warfare Center Lead, Naval Surface Warfare Center Panama City

Division (NSWC-PCD), was one of the embarked scientists.
“My experience on this underway has been incredibly valuable”, said Gardner. “Not only in everything that we’ve witnessed, but in the networking and the other people that we talk to and the time I’ve spent learning from other organizations that I normally wouldn’t have the opportunity to spend several days onboard a ship with.”
While underway, Gardner had an opportunity to sit down with several active-duty Minemen embarked from Littoral Combat Squadron (LSCRON) 2. “Sitting down with the Minemen and listening to their problems and trying to empathize with them and see things from their perspective instead of assuming what their needs are is so important for us. It gives us a much better understanding of what the fleet needs.”
She continued in stating the importance of having opportunities to observe fleet experimentation and how it helps increase agility to meet emerging needs. “It helps us help Sailors. We have to keep the warfighter in mind and be in touch with what our Sailors need.”

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MC2 Justin Pacheco

A boarding team from the Arleigh Burke-class guided-missile destroyer USS Michael Murphy (DDG 112) delivers food, water, and medical aid to mariners aboard a fishing vessel in distress. Five Peruvian mariners were brought aboard Michael Murphy after their vessel suffered engine failure that left them adrift for more than eight days. Michael Murphy is conducting routine operations in the U.S. 4th Fleet area of operations.

STRANDED | Five Peruvian mariners suffered engine failure

Continued from B1

which had suffered engine failure off the coast of Peru before drifting for more than eight days. The vessel was located 80 nautical miles off the Ecuadorian coast.

The boat was initially observed by Ens. Adrienne Wang while standing watch as the Junior Officer of the Deck, and Ens. Alex Misenheimer as the Officer of the

Deck. The vessel was confirmed by Gunner's Mate 2nd Class Ryan Buck using the ship's optical sighting system, and Boatswain's Mate 3rd Class Devansh Mehta and Boatswain's Mate Seaman Samuel Torres, who were on watch in the pilot house.

Michael Murphy's boarding team, including Command Master Chief Jose Ramiro, Chief Master-at-Arms Glenn Rakowski, search-and-rescue swimmer Chief Operations Specialist Peter Lancieri, Boat Officer Ens. Bernardo Martinez, and Hospital Corpsman 1st Class Philip Trent were quickly dispatched to assess the situation.

The fishermen were provided food, water

and repairs to their engine, having run short on food five days prior, and were on their third day without fresh water.

"Today's events provided us an opportunity to render assistance to fellow mariners in need," said Cmdr. Christopher Forch, Commanding Officer aboard Michael Murphy. "Our training and capabilities allowed us to quickly assess the situation, plan the rescue operation, and care for these fishermen who found themselves adrift for a significant period of time. A chance encounter at sea resulted in the preservation of five lives."

Machinist's Mates were later dispatched to the boat to provide mechanical assist-

ance, but lacked the parts needed to make necessary repairs. The fishermen were transferred to Michael Murphy while their boat was rigged to be towed. Commander, 4th Fleet's team assisted in making arrangements to have the fishing vessel towed to Ecuadorian waters for a successful turn-over with the Ecuadorian Coast Guard.

Assisting mariners in distress is the responsibility of all vessels at sea, even warships.

Michael Murphy is currently deployed to the U.S. 4th Fleet area of operations, following its participation in UNITAS LX and Teamwork South 2019 in Valparaiso, Chile, June 24-July 3.

HEART | Sailor went down with USS Eagle in 1945

Continued from B1

provide the family these long overdue awards and recognition of the sacrifices their Sailor and family have made since 1945," said Capt. Al Ross, commanding officer, Naval Support Activity Mid-South, who presented Osborne with the Gold Star Families pin. "It was truly a team effort across our installation to make this important event happen, and I couldn't be prouder that we were able to honor Seaman 1st Class James Cunningham after all these years."

While the ship's sinking was originally thought to be a mechanical issue, eight civilian divers known as the Nomad Exploration Team, were able to prove what really happened off the coast of Maine back in 1945.

The USS Eagle was originally believed to have been sunk due to a boiler explosion, but upon later investigation of testimonies and exanimation of the intact boilers, the U.S. Navy identified the tragedy as a combat loss. German submarine U-853 torpedoed the USS Eagle. Of the 67 crew stationed aboard, only 13 members survived. The Naval Historical Center reclassified the Eagle as a combat loss, which resulted in the deceased members of the crew receiving the Purple Heart posthumously.

The Senior Surviving Officer, Lt. j.g. John Scagnelli, provided his tragic testimony to Cunningham's family in a letter written August 2, 1945. Scagnelli recounted the events that led up to the ship's sinking and the fate of many crewmembers during the attack on the USS Eagle.

On the morning of the attack, the USS Eagle was carrying out operational exercises, and just as the crew were eating noon-chow, a large explosion devastated the ship. The explosion split the ship in half and rendered many unconscious. The ship sank



MC2 Mason Gillan

Rear Adm. Jeff Hughes, Commander, Navy Personnel Command, posthumously presented the Purple Heart to Seaman 1st Class James Cunningham's 85-year-old sister, Clara Cunningham Osborne who accepted the decoration on his behalf. Cunningham was aboard the USS Eagle (PE-56) when it was hit by a German torpedo in April of 1945.

within minutes, and the many were not able to save themselves and went down with the ship. Cunningham was in his compartment resting during the disaster and was determined to have been unconscious, dying in a short time without struggle or pain according to the letter.

"I appreciated you taking the time

for being here," said Osborne. "I just can't tell you enough what a family we are. One thing about the Cunningham family is they are strong. They are loyal. They are also cantankerous in a nice sort of way. They come from all across the U.S. to be here. James Oliver had a purpose, and all you here today are part of that purpose."

WARSHIP | Paul Ignatius served as Secretary of the Navy under Lyndon Johnson

Continued from B1

manned all rail space and deck stations available under a sun-lit, billowing Ensign.

"Thank you all for your mental toughness and unwavering dedication to get our ship through every milestone of performing at sea with excellence," said Cmdr. Robby D. Trotter, commanding officer of Paul Ignatius, to his crew. "I'm extremely proud of each and every one of you."

Secretary of the Navy Richard V. Spencer was the ceremony's principal speaker.

"The ship in her magnificence alone provides peace through presence and will keep the maritime commons open, which is the artery of free trade and commerce for our allies, friends and ourselves," said Spencer, the 76th Secretary of the Navy. "But please keep in mind that at a moment's notice, this well-trained crew and this ship can be put into harm's way as your forward-deployed force to deliver the fight tonight in order to keep our peace and prosperity. That is the mission of this crew. That is the mission of this ship. And that, ladies and gentlemen, is the mission of your United States Navy."

About 310 officers and enlisted personnel make up the crew of Paul Ignatius, slated to be home ported in Mayport, Florida. Together they have tried, tested and demonstrated seaworthiness as a lethal, ready and well-trained crew prepared to forward-operate in any ocean of the world.

"It's a rare and special opportunity for a Sailor to be a plank owner," said Chief Machinist's Mate Gilbert Laguerre, the leading chief petty officer of Paul Ignatius' auxiliary division. "We learn first-hand from the builders how to manage our equipment as it's installed and we take great pride in becoming subject-matter experts."

The Arleigh Burke-class destroyer sails up to 30 knots at sea, carrying advanced RADAR and SONAR systems that allow the ship to engage targets in the air, on the sea and underwater. The decks host two MK 41 Vertical Launching Systems (VLS), one five-inch gun turret, a close-in weapons system (CIWS) and two MK 32 triple-barrel torpedo mounts.

The guest speakers also included Fort Lauderdale's Broward County Mayor Mark D. Bogen, who welcomed the community to the ceremony, and Huntington Ingalls Industry President Michael C. Peters, who shared details of the momentous energy and thought put into the ship's design and construction.

Trotter reported Paul Ignatius ready and in his command to Adm. Craig Faller, Commander of U.S. Southern Command (SOUTHCOM).

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Zapping mosquitoes from the inside out
The Department of Defense Armed Forces Pest Management Board has curated various personal protective repellent systems for deployed service members: permethrin-treated uniforms, application of insect repellants such as DEET and Picaridin, permethrin-impregnated bed nets, and prescribed antimalarial medication.

See **C3**

SECTION C | FLAGSHIPNEWS.COM | 8.1.2019



Matthew Murphy

‘The Band’s Visit’ coming to Norfolk direct from Broadway

Press Release

NORFOLK, VA.

Jam Theatricals is proud to announce that “The Band’s Visit,” one of the most Tony Award®-winning musicals in history, will be coming to Norfolk’s Chrysler Hall from Oct. 29 to Nov. 3 for eight performances. “The Band’s Visit” will

make one of their first tour stops at Norfolk’s Chrysler Hall, and will kick off our blockbuster Broadway in Norfolk 2019-20 season.

Tickets for “The Band’s Visit” went on sale to the public July 26 and are available at the Scope Arena Box Office and online at broadwaynorfolk.com. Orders for groups of 10 or more may be placed by calling 757-823-4299.

After a mix-up at the border, an Egyptian Police Band is sent to a remote village in the middle of the Israeli desert.

See **BROADWAY | C4**

Former Virginia Lottery Game Guy Jason Kypros to perform stand-up at the Naro

By Yiorgo

Norfolk’s own Jason Kypros, the former VA Lottery Game Guy himself, as well as other very talented local comedians will be performing live on the Naro movie theater stage Friday, Aug. 9. It promises to be a night filled with laughter and not to be missed.

Yiorgo: Jason, where were you born and why did you decide to get into the entertainment industry?

Jason Kypros: I was born and raised in Norfolk, Virginia. I went to Norfolk Academy and graduated from Virginia Tech. After graduation, I landed a role in the John

Grisham film “Mickey” starring Harry Connick Jr. I moved to L.A. after that and that’s where I studied at The Groundlings School of Improv and began performing stand-up comedy. I always loved to perform and came up in a very loving and artistic family, so following this path has always seemed natural to me.

Y: How would you describe your style of comedy?

JK: I have always loved performing stand-up comedy. When it works on stage it is so rewarding. I like to say that when the crowd is with you and everything is hitting up

See **NARO | C4**



Courtesy of Jason Kypros

CalendarCommunity

For a complete list of events in Hampton Roads or to submit your own, visit www.flagshipnews.com/calendar

Hampton Roads Military Hiring Event

- Aug. 15, 9:00 a.m.-4:00 p.m.
- Virginia Wesleyan College Jane P. Batten Student Center, 1584 Wesleyan Drive, Norfolk
- rmhe_aug2019.militaryhiringevents.com;
- 919-282-1815

This Hiring Event is open to transitioning service members, family members and veterans. Jobseekers MUST pre-register; deadline is Aug. 5. Register at hrmhe_aug2019.militaryhiringevents.com. To complete the registration process you MUST create an account and upload a resume. Jobseekers MUST be prepared to receive calls from employers and will need to keep track of who has contacted them for an interview, and at what time the interview will occur on 15 August. If for some reason they aren't contacted and scheduled for any interviews a week prior, Jobseekers can contact Sharalyn.saliger@futureinc.com. Call or stop by your local Fleet and Family Support Center to make an appointment for resume assistance or to conduct a mock interview in preparation for the Hiring Event.



Courtesy photo

Water Lantern Festival

- Aug. 3, 5:00 p.m.-9:30 p.m.
- Mount Trashmore Park
- www.waterlanternfestival.com

Experience the magic at the Water Lantern Festival where you will enjoy tasty food trucks, fun music, and an incredible sight as thousands of floating lanterns reflect messages of love, hope, and happiness.



Courtesy photo

B is for Back To School

- Aug. 3, 10:00 a.m.
- 1560 Mall Drive, Norfolk, VA 23511
- 757-444-4814

Naval Station Norfolk MWR present its annual B is for Back To School event on Saturday, August 3 at 10 a.m. Bring the family and join in on the fun at the NEX parking lot. The first 200 children ages 3 to 18 receive a free backpack. Children must be present to redeem giveaways. There will be bounce houses, a rock wall, face painting, school supplies, scavenger hunt and more.



Courtesy photo

Red & Blue Showcase Supporting the USA Patriots

- Aug. 1, 5:00 p.m.-8:00 p.m.
- Waterside District
- www.usapatriotsamputeesoftball.org

Join us at Waterside District on Thursday, August 1st to support the USA Patriots Amputee Softball Team! Your \$20 Ticket Includes: Two drink tickets; live music from FOX and the BEAR; two slices of cheese or pepperoni pizza from Cogan's; access to our Silent Auction with items from Bayside Harley-Davidson, Durham Bulls Baseball Club, Gwinnett Stripers, 96X, and MORE! The Red & Blue Showcase at Waterside District is raising funds for the USA Patriots Amputee Softball Team, a public charity whose mission is to inspire and educate others while enhancing the health and welfare of Wounded Warrior Amputees. All proceeds will benefit USA Patriots Amputee Softball Team. For more information or to contact them directly, please visit www.usawwast.org.

■ Submit YOUR events, news and photos

The Flagship welcomes submissions from our readers online.

Please submit **events** here: www.militarynews.com/users/admin/calendar/event/

Please submit **news** and **photos** here: www.militarynews.com/norfolk-navy-flagship/submit_news/



Gary Ward

Norfolk native serves at Naval Hospital Jacksonville

By **Dusty Good**
Navy Office of Community Outreach

JACKSONVILLE, FLA.

A 2008 Maury High School graduate and Norfolk, Virginia native is serving at Naval Hospital Jacksonville and Navy Medicine Readiness and Training Command Jacksonville.

Petty Officer 2nd Class Denorreo House serves as a hospital corpsman that is responsible for serving as leading petty officer of labor and delivery.

House credits their hometown for giving opportunities they would not have had otherwise experienced that has helped in serving with the Navy.

“Growing up in Norfolk, the environment taught me to never give up on myself,” said House. “I always revert back to what I saw growing up and that’s helped motivate me to become a better person and sailor.”

House will graduate in August from Florida State College of Jacksonville with an associate of arts.

Naval Hospital Jacksonville and Navy Medicine Readiness and Training Command (NMRTC) Jacksonville deliver quality health care, in an integrated system of readiness and health. Naval Hospital Jacksonville includes five branch health clinics across Florida and Georgia. It serves 163,000 active-duty and retired sailors, Marines,

“ Growing up in Norfolk, the environment taught me to never give up on myself. I always revert back to what I saw growing up and that’s helped motivate me to become a better person and sailor.

Denorreo House

soldiers, airmen, guardsmen, and their families, including about 83,000 patients who are enrolled with a primary care manager.

House is now a part of a long-standing tradition of serving the Navy our nation needs.

“My step father serves in the Navy and I’ve watched him fight for my country since he came into our lives,” said House. “So he’s an inspiration and

a part of why I choose to join the Navy”

House said they are proud to be part of a warfighting team that readily defends America at all times.

“My proudest accomplishment in the Navy is graduating boot camp,” said House. “When I decided to join a lot of people doubted that I would get through it, and the fact that I made it through was my proudest moment.”

House is playing an important part in America’s focus on rebuilding military readiness, strengthening alliances and reforming business practices in support of the National Defense Strategy.

“Our priorities center on people, capabilities and processes, and will be achieved by our focus on speed, value, results and partnerships,” said Secretary of the Navy Richard V. Spencer. “Readiness, lethality and modernization are the requirements driving these priorities.”

As a member of one of the U.S. Navy’s most relied upon capital assets, House and others know they are part of a legacy that will last beyond their lifetimes.

“Our 2,400 staff (military, civilian, contract, and volunteer) are integral to keeping our Navy and Marine Corps family ready, healthy, and on the job,” said Capt. Matthew Case, Naval Hospital Jacksonville commander and NMRTC Jacksonville commanding officer.

“Serving in the Navy means I am fighting for all those who can’t fight for themselves,” said House. “It also allows me to help people by working with patients everyday and help make their day a little brighter.”

Historian shares stories and plans for renovation of Fort Wool

Press Release

HAMPTON, VA.

Author, historian and former Hampton History Museum curator J Michael Cobb shares the fascinating story of Fort Wool, its history, and what lies ahead for the future of the venerable fortress, as part of the Hampton History Museum’s Port Hampton Lecture Series on August 5, 7:00 p.m.-8:00 p.m.

A familiar site to commuters crossing the Hampton Roads Bridge Tunnel, Fort Wool, originally named Fort Calhoun, has been a patriotic symbol of freedom since its construction in 1819. Listed in the National Register of Historic Places in 1969, Fort Wool is a visible landmark at the gateway to Hampton Roads. Like Fort Monroe, it is an important asset of Hampton, the Commonwealth, and the nation. A unique site tells the history of America following the War of 1812 through World War II. Enslaved men



Hampton History Museum

took part in the building of Fort Wool. Robert E. Lee oversaw construction of the fortification. Andrew Jackson governed America for extended periods from the island. Fort Wool took part in the epic Civil War Battle of the “Monitor” and “Virginia.” Abraham Lincoln watched the attempt to capture Norfolk from the ramparts of Fort Wool; and Fort Wool was part of the Chesapeake Bay defenses during World War II. It continued to serve until the Army decommissioned it in the 1970s. Cobb is spearheading plans to renovate the fort.

J. Michael Cobb served as curator for the Hampton History Museum for 31 years. He was responsible for renovating and reopening Fort Wool to the public in the 1980s. He holds a master’s degree in American studies

Hampton History Museum

The talk is free for museum members and \$5.00 for non-members.

The museum is located at 120 Old Hampton Lane in Downtown Hampton.

There is free parking in the garage across the street from the museum.

For more information call 757-727-1102 or visit www.HamptonHistoryMuseum.org.

from the College of William and Mary and has authored “Fort Wool: Star-Spangled Banner Rising” and co-authored “The Battle of Big Bethel: Crucial Clash in Early Civil War Virginia.”

Zapping mosquitoes from the inside out

By Military Health System Communications Office

Mosquitoes aren’t just annoying at summer barbecues. In many parts of the world, they carry pathogens for Zika, dengue, yellow fever, and the most devastating of mosquito-borne diseases, malaria. According to the Centers for Disease Control and Prevention, 440,000 people died in sub-Saharan Africa in 2016 from malaria, contracted from the bite of infected female *Anopheles* mosquitoes. Malaria causes severe chills, high fever, profuse sweating, and other flu-like symptoms, and if left untreated, can lead to death. Protecting U.S. military personnel who continue to serve in this part of world is critical.

The Department of Defense Armed Forces Pest Management Board has curated various personal protective repellant systems for deployed service members: permethrin-treated uniforms, application of insect repellants such as DEET and Picaridin, permethrin-impregnated bed nets, and prescribed antimalarial medication. They also oversee the Deployed Warfighter Protection Research Program that studies how to mitigate a variety of insect threats to military personnel.

While chemical mosquito population control measures have been used with some degree of success, they are toxic to other insect populations and to the health of humans. A different angle of defense has emerged, which is genetic modification of the mosquito itself, making it transgenic. Transgenic mosquitoes are unable to transmit a pathogen, such as malaria, due to their altered genetic makeup.

The concept of transgenic mosquitoes has been around since the 1980s, although the first laboratory colony wasn’t developed until 1997, according to Dr. Marcelo Ramalho-Ortigao, associate professor of preventive medicine in the Department of Preventive Medicine and Biostatistics at the Uniformed Services University in



CDC While chemical mosquito population control measures have been used with some degree of success, they are toxic to other insect populations and to the health of humans. A different angle of defense has emerged, which is genetic modification of the mosquito itself, making it transgenic. Transgenic mosquitoes are unable to transmit a pathogen, such as malaria, due to their altered genetic makeup.

Bethesda, Maryland. There are currently two methods used to control mosquito-borne diseases using transgenic mosquitoes. One is population replacement using a concept known as “gene drive” to spread anti-pathogen genes. The other is a population suppression strategy that reduces the number of mosquitoes that can pass on the pathogen.

So far, the idea of using transgenic mosquitoes to combat malaria has been tested in laboratory settings only. However, successful genetic modification of a particular species of mosquito, *Aedes aegypti* — known to spread the Zika, dengue, yellow fever, and chikungunya viruses — has been both laboratory and field tested by Oxitec, a United Kingdom-based company.

“This field of study and research has changed dramatically since the discovery and advent of the gene-editing technology known as CRISPR-Cas9, as the speed and the number of genes that can be targeted has increased,” explained Ramalho-Ortigao. Field tests of mosquitoes modified using the

CRISPR technology are still in the research and development phase.

Because of the ethical ramifications of gene editing to alter mosquitoes or other species, this concept has always been controversial, Ramalho-Ortigao said. “Controversy and discussions with regard to applications, and especially how to control against unwanted effects, is critical for the advancement of science, especially with regard to transgenic technologies.” Government regulation by the Food and Drug Administration and the Environmental Protection Agency is a way to ensure studies do not deviate from their scientific goals, he added.

In addition to potentially proving a new tool in the fight against mosquito-borne diseases, “studies of insect transgenics also provide crucial training for the next generation of scientists who may be involved in cutting-edge research and possibly apply techniques they learned using mosquitoes or other insects as a model for higher organisms,” explained Ramalho-Ortigao. He

pointed out that insects “share many common features with vertebrates with regard to gene expression, ability to mount an immune response to invading microorganisms and viruses, and certain behavioral traits.” Scientists may therefore be able to apply knowledge gained about insects toward organisms “higher in the evolutionary scale, including vertebrates,” he said.

Although humans may not miss mosquitoes if they were to be eradicated, our ecosystem would. “Mosquitoes play an important role as pollinators,” said Ramalho-Ortigao. “Also, they are a food source for other insects, spiders, frogs, lizards, and birds.” He added that not all mosquitoes transmit disease and only females blood feed, which allows them to lay eggs. In fact, of the nearly 3,000 known mosquito species, only a fraction transmit diseases. Complete elimination could lead to the expansion of other species or an increase of the population of a species that is currently present in smaller numbers — creating a whole new bug problem.

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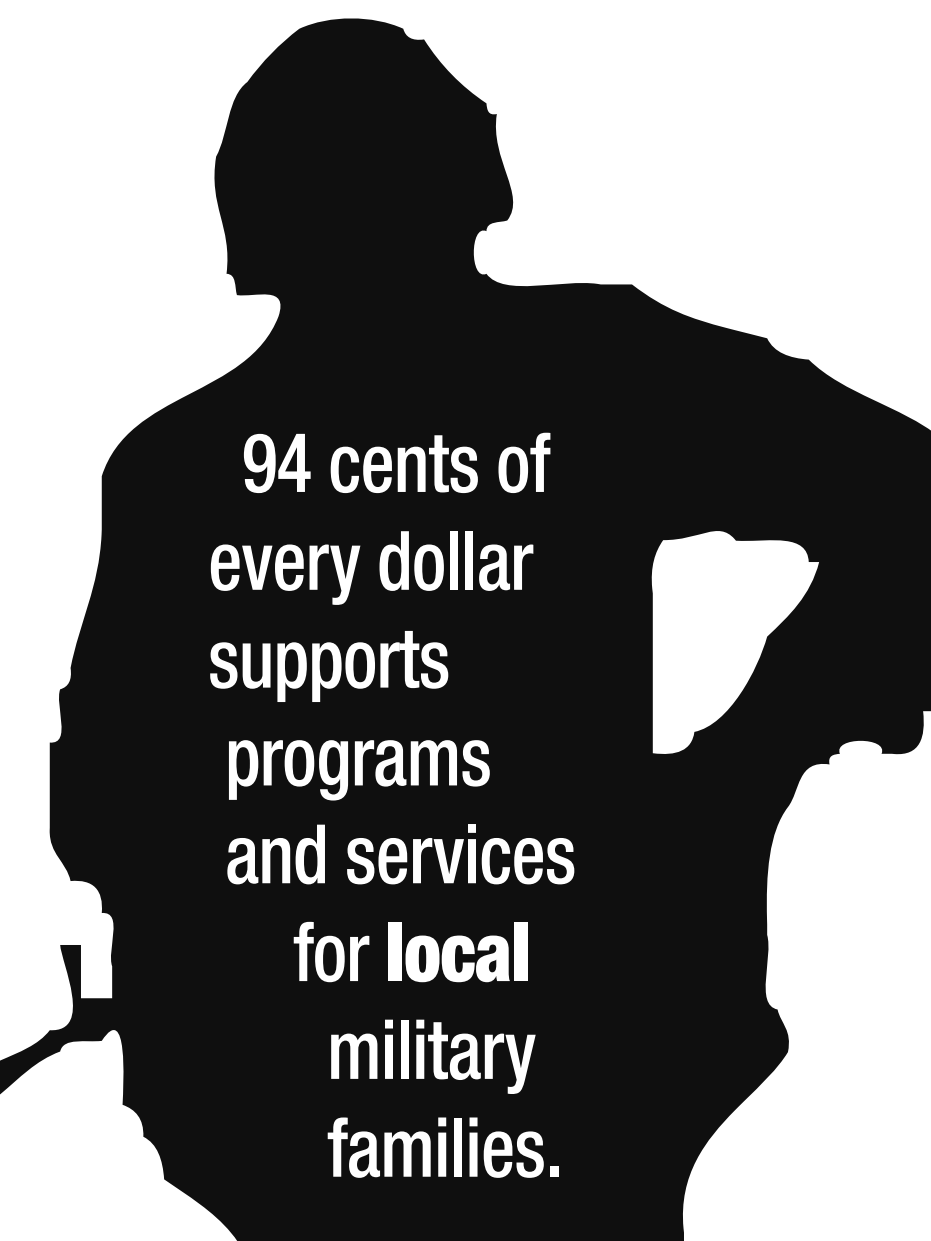
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Hampton Roads and Central Virginia





Matthew Murphy

BROADWAY | Show coming to Chrysler Hall

Continued from C1

With no bus until morning and no hotel in sight, these unlikely travelers are taken in by the locals. Under the spell of the desert sky, their lives become intertwined in the most unexpected ways. “The Band’s Visit” celebrates the deeply human ways music, longing and laughter can connect us all.

“The Band’s Visit” opened at Broadway’s Ethel Barrymore Theatre on Nov. 9, 2017, featuring music and lyrics by Tony and Drama Desk Award winner David Yazbek, and a book by Tony, NY Drama Critics Circle, Lortel and Outer Critics Circle award winner Itamar Moses. It is based on the screenplay by Eran Kolirin, and is directed

by Tony, Drama Desk, Lortel & Obie Award winner David Cromer.

The creative team also includes Patrick McCollum (Choreography), Scott Pask (Set Design), Sarah Laux (Costume Design), Tony Award winner Tyler Micoleau (Lighting Design), Tony Award winner Kai Harada (Sound Design), Maya Ciarrocchi (Projection Design), Charles G. LaPointe (Hair Designer), Tony Award winner Jamshied Sharifi (Orchestrations), Andrea Grody (Music Supervisor, Music Director & Additional Arrangements) and Dean Sharenow (Music Supervisor & Music Coordinator).

Season subscriptions are still on sale. The only way to secure your seats to the Norfolk

premiere of “Hamilton” is to become a subscriber. Season packages can be purchased directly online by visiting broadwaynorfolk.com.

SEVENVENUES

The City of Norfolk’s SevenVenues serves to link Norfolk’s residents, visitors and tourists to Norfolk’s rich cultural arts and entertainment community. Besides providing entertainment services, the City of Norfolk’s Department of Cultural Facilities, Arts and Entertainment is also responsible for the maintenance, repair, management and operation of the City’s seven public assembly facilities which include: Scope Arena, Chrysler Hall, the Attucks Theatre, the Wells Theatre, Harrison Opera House,

BROADWAY IN NORFOLK

2020 SEASON PERFORMANCE DATES

The Band’s Visit: Oct. 29-Nov. 3, 8 performances

Fiddler On The Roof: Nov. 19-24, 8 performances

Hamilton: December 10-29, 24 performances

Waitress: Jan. 28-Feb. 2, 2020, 8 performances

The Play That Goes Wrong: March 3-8, 8 performances

Roald Dahl’s Charlie and the Chocolate Factory: March 31-April 5, 2020, 8 performances

Wicked: May 20-31, 2020, 16 performances

Harbor Park and Open Air Events. To learn more, visit www.SevenVenues.com.

NARO | Kypros part of Plan B comedy group

Continued from C1

there it’s the best thing you can imagine. The opposite though is that when it’s not working it feels like that dream where you didn’t study for the test AND you’re in your underwear! My style is observational comedy mixed with some one liners. I have been performing stand-up now for about 18 years so I have a decent amount of material to pull from. I like to get on stage with a set in mind and then let the way the audience reacts determine if I make some “audibles” along the way.

Y: You have worn many hats in your line of work. What have been some of your favorite jobs/roles and why?

JK: I have been very fortunate to experience the stage and screen both big and small and I have also been able to work behind the scenes in these arenas as well. It’s really hard to pick a favorite, but I would say that one of the most rewarding has been the creation of Plan B Comedy. This comedy group has allowed me to utilize my entire skill set as a performer and a producer. We perform improv, sketches, stand-up and we create some awesome video sketches as well. We are the resident comedy company at The Z in town center Virginia Beach. Come check us out!

Y: Speaking of checking you out, you as well as other local comedians will be performing live at the Naro Cinema. How did “Stand Up Comedy at the Naro” come to be?

JK: I have always loved the Naro and I have been coming here basically my whole life. My dad has played the silent films there ever since before I was born. I was sitting in there one day and I thought, ‘hey this would be a perfect venue for a stand-up comedy show.’ They have a stage and the room feels like a killer big time venue. I pitched the idea and they went for it. My hope is that this could become a regular thing. There are so many great local comics and what a great place to come and see them perform.

Y: You have quite a talented group who will be performing as well. Tell us a little about them.

JK: You will have the opportunity to laugh along with veterans and those new or recent



Courtesy of Jason Kypros

More information

For Tickets and more info go to <https://narocinema.square.site/product/stand-up-comedy/17?cs=true>

on the scene. You can catch Jounte Ferguson at the Funny Bone and at Cozzy’s Comedy Club. Parker Clay is new to the comedy scene and very funny. He’s doing a guest set on the 5th. Travis Carl travels around the country performing and runs the Clash of the Comics at the Funny Bone. He’s a very well established comic and very funny. Leanna Criss is a very funny comedian. She has a great style in that she weaves a great story with her comedy. Leanna is also a member of Plan B Comedy. Lionel Harris travels all over the country performing. He has had a series where he did a “joke a day” on his social media channel which was awesome and funny. Isaac Fields is extremely funny and hosts several rooms locally. Beatty Barnes has been performing for probably 30 years. Beatty is hilarious. He has been just about everywhere a comic would want to go including the Aspen Comedy Festival and the Montreal Comedy Fes-

tival. He is also a member of Plan B comedy.

Y: You are the co-host of WHRO’s Curate. Tell us about your co-host and what is the show about?

JK: My co-host is the inimitable Heather Mazzoni. I just love working with her and the whole crew at WHRO. The show highlights the creative process found in art in all of its forms and it puts a spotlight on the local scene here in Hampton Roads as well as some national artists.

Y: You must have had some fun times being the Virginia Lottery Game Guy for so long?

JK: For seven years I was fortunate to travel all over the state of Virginia as the “Game Guy.” Their style of filming was sort of “guerrilla film-making,” so we would show up to events without a script and based on the interaction I would have with different folks they would cut a piece together. My improv training really paid off in spades as far as that was concerned. It was always fun to get recognized and especially because as the Game Guy I was always giving away

cool prizes or facilitating a fun experience. It’s nice to be the bearer of good news! Crazy part about the job though was that I was contractually prohibited from performing in any other way for about 5 years until they loosened that stipulation.

Y: Tell us a wow/pinch me type moment you have had.

JK: The first day on “Mickey,” my first film, I had to shoot a scene with Harry Connick Jr. and Mike Starr. We rehearsed for a little and then we went for a take. After the first take, director Hugh Wilson gave me a compliment in front of the whole crew. That really made me feel like I was in the right place.

Y: Thank you, Jason. And the right place to be August 9 is at the NARO Cinema for what promises to be a great time for laughter and a good time to be had by all.

Yiorgo is a Hampton Roads arts, entertainment and sports writer. A stage, TV and movie actor, he is also an educator, motivational speaker, writer, storyteller and columnist.



Fandango

coming to theaters

DORA AND THE LOST CITY OF GOLD [PG]

Having spent most of her life exploring the jungle, nothing could prepare Dora for her most dangerous adventure yet – high school. Accompanied by a ragtag group of teens and Boots the monkey, Dora embarks on a quest to save her parents while trying to solve the seemingly impossible mystery behind a lost Incan civilization.

SCARY STORIES TO TELL IN THE DARK [R]

Inspired by one of the most terrifying children's book series of all time, Scary Stories to Tell in the Dark follows a group of young teens who must solve the mystery surrounding sudden and macabre deaths in their small town.

THE KITCHEN (2019) [R]

"The Kitchen" stars Oscar nominee Melissa McCarthy ("Can You Ever Forgive Me?" "Bridesmaids"), Tiffany Haddish ("Girls Trip"), and Elisabeth Moss ("The Handmaid's Tale") as three 1978 Hell's Kitchen housewives whose mobster husbands are sent to prison by the FBI. Left with little but a sharp ax to grind, the ladies take the Irish mafia's matters into their own hands – proving unexpectedly adept at everything from running the rackets to taking out the competition ... literally.

BRIAN BANKS [PG-13]

The inspirational true story of Brian Banks, an All-American high school football star committed to USC who finds his life upended when he is wrongly convicted of a crime he didn't commit. Despite lack of evidence, Banks is railroaded through a broken justice system and sentenced to a decade of prison and probation. Years later, with the support of Justin Brooks and the California Innocence Project, Banks fights to reclaim his life and fulfill his dreams of playing in the NFL.

THE ART OF RACING IN THE RAIN [PG]

The Art of Racing in the Rain is a heartfelt tale narrated by a witty and philosophical dog named Enzo (voiced by Kevin Costner). Through his bond with his owner, Denny Swift (Milo Ventimiglia), an aspiring Formula One race car driver, Enzo has gained tremendous insight into the human condition and understands that the techniques needed on the racetrack can also be used to navigate the journey of life. The film follows Denny and the loves of his life – his wife, Eve (Amanda Seyfried), their daughter Zoe (Ryan Kiera Armstrong), and ultimately, his true best friend, Enzo.

GOOD BOYS [R]

Invited to his first kissing party, 12-year-old Max asks his best friends Lucas and Thor for some much-needed help on how to pucker up. When they hit a dead end, Max decides to use his father's drone to spy on the teenage girls next door. When the boys lose the drone, they skip school and hatch a plan to retrieve it before Max's dad can figure out what happened.

base theaters

\$3 Movies

JEB Little Creek, Gator Theater – 462-7534

Friday | Aug. 2

7:00 p.m. Spider-Man: Far From Home [PG-13]

Saturday | Aug. 3

1:00 p.m. Toy Story 4 (3-D) [G]

4:00 p.m. Spider-Man: Far From Home (3-D) [PG-13]

7:00 p.m. Midsommar (2019) [R]

Sunday | Aug. 4

1:00 p.m. Men in Black: International (3-D) [PG-13]

4:00 p.m. Yesterday [PG-13]

7:00 p.m. Spider-Man: Far From Home [PG-13]

NAS Oceana, Aero Theater – 433-2495

Friday | Aug. 2

6:00 p.m. Spider-Man: Far From Home [PG-13]

9:00 p.m. Annabelle Comes Home [R]

Saturday | Aug. 3

12:00 p.m. Toy Story 4 [G]

3:00 p.m. Spider-Man: Far From Home (3-D) [PG-13]

6:00 p.m. Midsommar (2019) [R]

Sunday | Aug. 4

12:00 p.m. Toy Story 4 (3-D) [G]

3:00 p.m. Men in Black: International (3-D) [PG-13]

6:00 p.m. Spider-Man: Farm From Home (3-D) [R]

Schedule is subject to change. For your weekly movie showtimes and more, check out the navy Mid-Atlantic Region MWR website at discovermwr.com.

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DODGE 1966 POLARA



Station Wagon. 106k mi. 383. Excellent con. \$13,400. 757-880-3045.

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30th Anv. 15k mi., VMI Northstar Conversion, Kneeling Lift, Pas, Back up Mirror/Sensor, Wheelchair Tie-Downs, Ex: Cond, April Insp. \$31,900 OBO. For Appt: 757-650-1427

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HONDA 2006 ACCORD
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HONDA 2006 ODYSSEY
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HYUNDAI 2014 EQUUS
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MAZDA 2015 MAZDA6



Touring Leather, alloy, must see! New inspection. \$13,950 VA Dlr. Process fee \$395 757-717-1715/757-963-2299

OLDSMOBILE 1999 CUTLASS
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LT ext. cab. auto, ac, alloy, \$10,875 VA Dlr. Process fee \$395 757-717-1715/757-963-2299

CHEVROLET 2016 COLORADO

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15 passenger window van, 72K original mis., XLT package, tow package, new inspection, runs & looks great, warranty, \$15,900. Call for details 675-0288. Va. Dlr.

GMC 2007 SIERRA 3500
Classic Crew Cab SLT, 8 ft Bed Dually, 6.6 Ltr, 4WD, 72k mi \$28k OBO White Ext/ Beige int. 3000wt inverter, New Tires & Batteries 757-751-2847

HONDA 2005 CR-V

Looks & runs great, good miles, auto, air loaded, sunroof, inspected \$4650 757-439-8017. Va. Dlr. 757-481-7777. Process Fee \$375

HONDA 2008 CR-V
EX-L. 1 owner, dealer maintained, 4WD, metallic green, sunroof, leather, nav/ tech package, avg. miles. \$9,300 757-357-5451 before 8pm

JEEP 2004 GRAND CHEROKEE

4WD, excellent condition, looks & runs great, auto, air, loaded, inspected, good mil \$3990 757-439-8017. Va. Dlr. 757-481-7777. Process Fee \$375

KIA 2007 SORENTO
135k miles, loaded, AWD, excellent condition \$4,150. 757-739-8946

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TOYOTA 2015 RAV4 31k miles, like new, garage kept. \$19,000 757-588-8601

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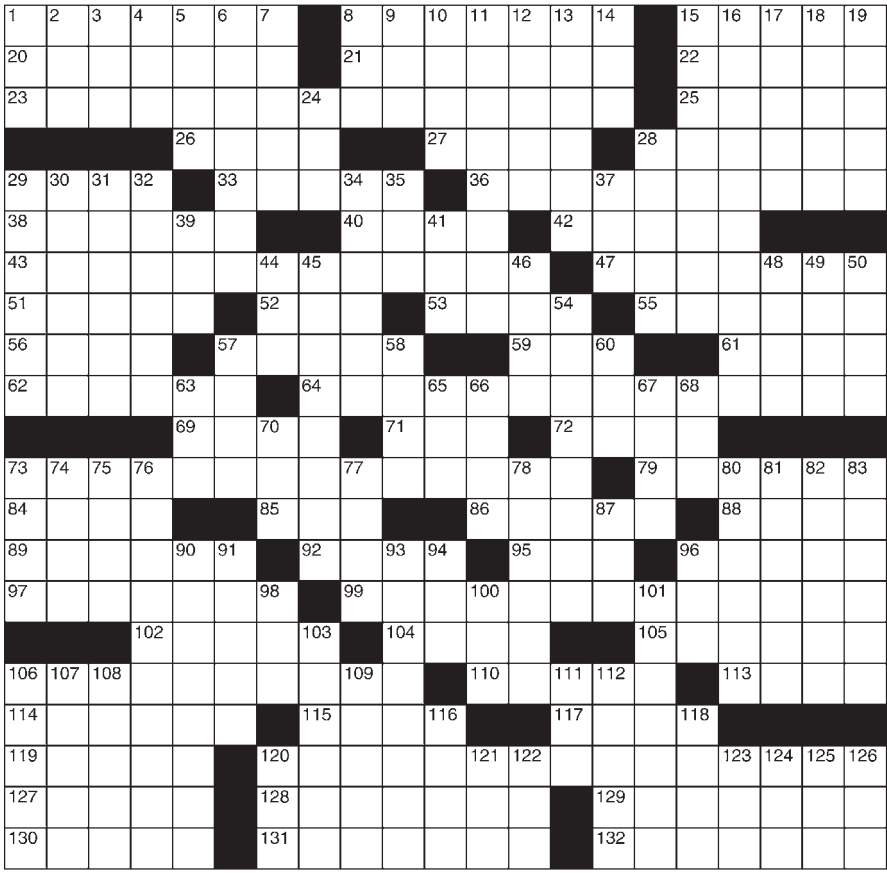
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Fun and Games

Super Crossword

MAGAZINE ENTERTAINMENT

- ACROSS
- 1 Warlocks
 - 8 Missus' counterparts
 - 15 Impetus
 - 20 Sinister look
 - 21 Is an affront to
 - 22 Castro, e.g.
 - 23 First page in a news magazine?
 - 25 Pee Wee of old baseball
 - 26 Bewilder
 - 27 Starchy pudding foodstuff
 - 28 Give fizz to
 - 29 QED's center
 - 33 Auto variety
 - 36 Have no subscription to a humor magazine?
 - 38 Otter relative
 - 40 Apple variety
 - 42 "Hawaii Five-O" nickname
 - 43 Business magazine shared by a mother, a father and their kids?
 - 47 Gazing
 - 51 Resin used in adhesives
 - 52 Heady quaff
 - 53 Snitch
 - 55 Novelist, e.g.
 - 56 Garr of the screen
 - 57 Billy Joel's "— It Goes"
 - 59 Trailways fleet unit
 - 61 Small bay
 - 62 Classic Fords
 - 64 "I demand to see that financial magazine!"?
 - 69 "You — kiddin'!"
 - 71 Pen-filled attraction
 - 72 Saintry ring
 - 73 Celebrity magazine that's not a special issue?
 - 79 Diminished
 - 84 Old salts
 - 85 — carte menu
 - 86 Firetruck noise
 - 88 Eat supper
 - 89 Bests
 - 92 Hence
 - 95 "Sheesh!"
 - 96 Artist Max
 - 97 Started to wake
 - 99 Inherit a fashion magazine?
 - 102 Concerning the kidneys
 - 104 Rainbow flag initialism
 - 105 Carpenter's gun, perhaps
 - 106 Post-it stuck in a page of a wellness magazine?
 - 110 Back of a 45 record
 - 113 Harper of "Far North"
 - 114 First game of the season
 - 115 Artsy NYC district
 - 117 Pilaf base
 - 119 Ties
 - 120 Drop a health magazine in a filled bathtub?
 - 127 Map feature
 - 128 Having two complete chromosome sets
 - 129 Pyrenees principality
 - 130 Prescient types
 - 131 Has ill will for
 - 132 Pays a visit
 - DOWN
 - 1 Fly trapper
 - 2 "— been there"
 - 3 First of two sharp turns
 - 4 Former ring king
 - 5 Tear apart
 - 6 Ruling house
 - 7 Capture
 - 8 Sty resident
 - 9 Aliens' ship
 - 10 Closest buds, briefly
 - 11 Antiseptic solution brand
 - 12 British architect
 - 13 Astronomer
 - 14 Cleveland-to-Akron dir.
 - 15 Many a TSA employee
 - 16 Its capital is San Juan
 - 17 At right angles to the keel
 - 18 Haile Selassie disciple, informally
 - 19 Jabbed with a bent leg
 - 24 Novelist
 - 28 Nixon's veep
 - 29 Lacking vigor
 - 30 Got as profit
 - 31 Knight suits
 - 32 Friend of Alice Kramden
 - 34 In a new way
 - 35 Trail mix bit
 - 37 Faucet
 - 39 Actor Ron
 - 41 Stick (out)
 - 44 Engine part
 - 45 Antiquated
 - 46 Dresden's river
 - 48 "Bring —!"
 - 49 Campbell of the screen
 - 50 — Poupon
 - 54 Certain Christian
 - 57 Laos' home
 - 58 Be seepy
 - 60 — Na Na
 - 63 Shared PC system
 - 65 Wine and dine, maybe
 - 66 Janitors' tools
 - 67 Flair
 - 68 Unruly bunch
 - 70 Gun lobbyists' gp.
 - 73 Great Plains natives
 - 74 Have a hissy
 - 75 Eins, zwei, — ...
 - 76 "OK, you win!"
 - 77 Picnic place, in Paris
 - 78 Ceilings
 - 80 Not clumsy
 - 81 Prickly feeling
 - 82 Follows as a result
 - 83 Hinders
 - 87 Penlight-wielding doc
 - 90 Advance exams
 - 91 Madrid Mr.
 - 93 Links target
 - 94 Texter's "Yowza!"
 - 96 Longoria of the screen
 - 98 "— Kapital"
 - 100 Diminish
 - 101 Minimal bit of cash
 - 103 Nielsen of "Airplane!"
 - 106 "Ora pro —"
 - 107 Share a view
 - 108 Jittery
 - 109 Purfs, e.g.
 - 111 Deep anger
 - 112 Aria queens
 - 116 Have way too much, for short
 - 118 Prefix with spore
 - 120 Prez on a dime
 - 121 Quarry
 - 122 Places for forks: Abbr.
 - 123 Best
 - 124 CPA hirer
 - 125 Sky sphere
 - 126 Call of dissent



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Sudoku

		6		4				7
		8			7	6		
3			8				2	
	2		5	7				8
		1			6		4	
9			3			1		
1				5			8	
	7		4			9		
		3			2			4

CryptoQuip

This is a simple substitution cipher in which each letter used stands for another. If you think that X equals O, it will equal O throughout the puzzle. Solution is accomplished by trial and error.

Clue: W equals F

DW VCS BJGJQ KJO INOCQ

GISFRB CQ PDBFJQ FDKK FJO

ORJ HJPO CW VCS, D PSUUCPJ

VCS'QJ DB-GDBNJ-IHKJ.

Last week's CryptoQuip answer

As the mountaineer started to become insane with boredom, he began climbing the walls.

last week's answers

S	L	E	D	S	I	T	U	M	A	N	I	A	C	G	U	F	F
P	O	L	I	C	E	M	A	N	A	M	A	N	D	A	O	P	I
O	R	I	G	I	N	A	L	F	L	O	U	N	D	E	R	D	D
T	R	A	I	T	C	L	E	O				E	L	O	P	E	R
S	E	N	T	R	Y			D	A	Y	T	O	N	A	B	L	E
				I	O	T	A		A	R	A	T		U	P	F	O
B	R	O	N	C	O	B	L	U	S	T	E	R	W	A	R	T	S
R	O	X	Y		S	A	R	A		E	A	T	A	T			
A	M	O	E	B	A	S	N	O	W	B	A	L	L	F	L	I	G
V	A	N	T	A	G	E		R	E	N	A	L		C	R	O	W
I	N	I		M	O	U	N	T	A	I	N	G	L	O	A	T	O
N	C	A	A		C	O	O	P	T		P	R	O	D	U	C	E
G	E	N	E	R	A	L	C	L	U	S	T	E	R	T	E	A	P
				R	U	B	I	K		E	V	A	N		M	E	M
E	A	R		M	E	D		F	E	N	D	E	R	B	L	E	N
B	L	E	E	P		A	R	I	A		A	C	E	S			
B	A	C	K	U	P	S	L	I	N	G	E	R		A	S	S	E
				B	O	L	S	H	O	I		M	E	S	A	A	L
J	A	V	A		A	C	C	O	U	N	T	S	P	L	A	Y	A
A	M	E	N		S	A	I	N	T	E		T	R	A	N	S	P
B	A	R	D		E	L	A	T	E	D		S	Y	N	E	S	W

5	1	6	2	8	4	3	9	7
9	8	3	6	7	1	5	4	2
2	4	7	9	5	3	1	6	8
1	7	2	5	4	9	8	3	6
3	6	8	1	2	7	4	5	9
4	5	9	3	6	8	7	2	1
7	3	1	4	9	2	6	8	5
8	2	5	7	3	6	9	1	4
6	9	4	8	1	5	2	7	3

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