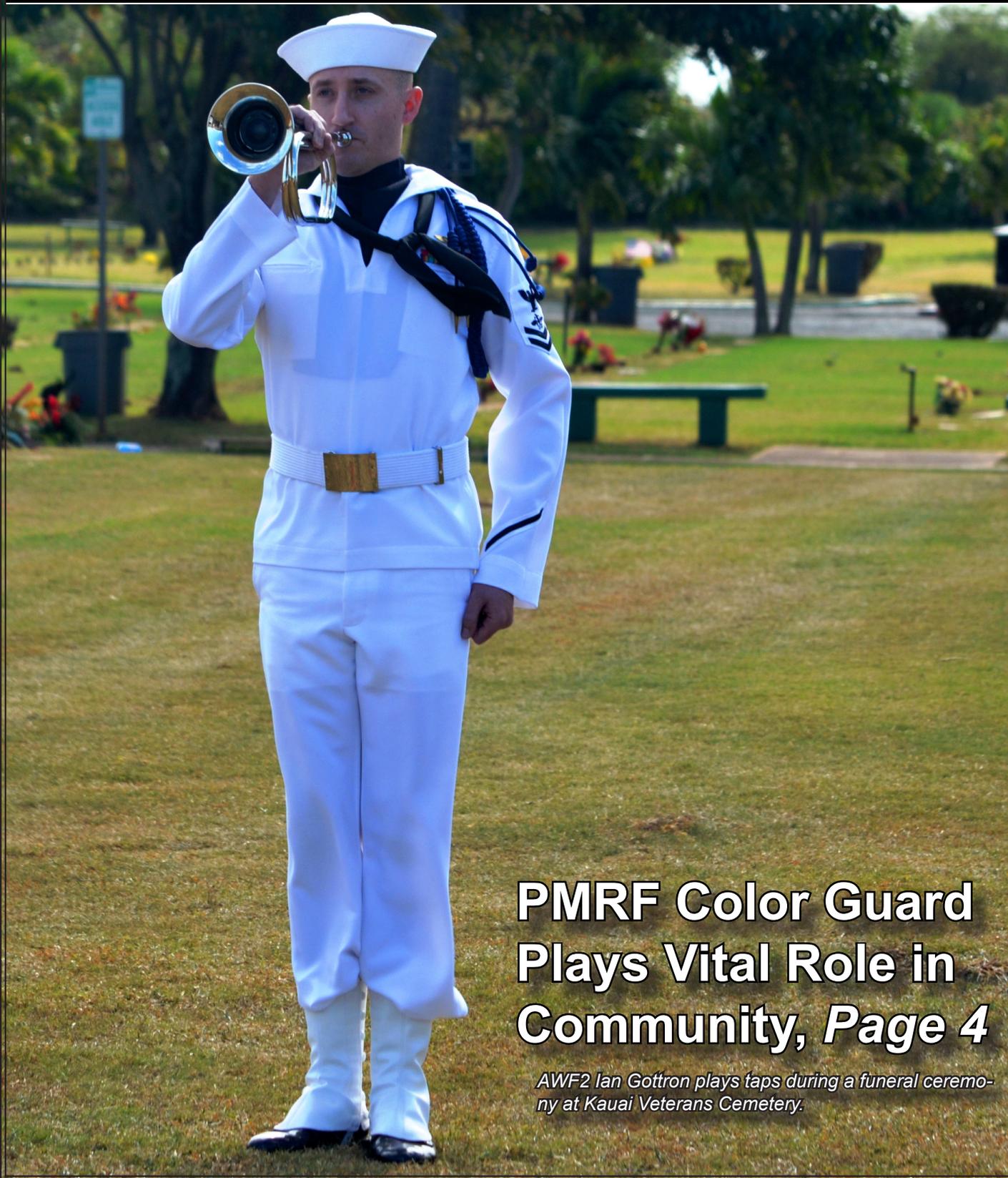


Within Range

Vol. 12 No. 1

Pacific Missile Range Facility

January 2014



PMRF Color Guard Plays Vital Role in Community, *Page 4*

AWF2 Ian Gottron plays taps during a funeral ceremony at Kauai Veterans Cemetery.

Commanding Officer's Hot Line: Ext. 4435

You can call the Captain with your question/concern. Dial 335-4435 any time, seven days a week! The purpose of the hot line (record-a-phone) is to provide all PMRF military members, families, civil service and contractor employees the opportunity to communicate directly with the CO. Some suggestions are:

- Safety suggestions/violations/unsafe practices, ideas to improve safety and promote safety awareness.
- Ways to improve morale, working or living conditions.
- Suggestions on how to save taxpayer dollars, cut costs, save energy, reduce labor man hours, etc.
- Security violations and/or recommendations for strengthening physical security and safeguarding classified information.
- Any positive things (events, programs, policies, benefits, etc.) that you feel are particularly good.
- Any negative things you feel should have the CO's attention.
- Suggestions for improving disaster preparedness (tsunamis, hurricanes, fires, etc.)

You need not identify yourself to leave a message, but if you would like a staffed response, please do so. If reporting a problem, please try to recommend a workable solution. Some of the questions or problems reported will be answered in the Within Range.

A good point of contact for issues involving Navy families is the PMRF Ombudsman, Victoria Diendorf who can be reached at: Cell 635-5364 or email at pmrfombudsman@yahoo.com.

And, remember the chain of command. Your first step with a suggestion should be to try it out on those you work with or the personal responsible for the department.



"Don't smile, don't smile, don't smile" was all MA1 James Stinyard could say to himself as he was trapped into taking a photo with the Dallas Cowboy Cheerleaders during a United Service Organization visit to PMRF. Photo by MC1 Mathew J. Diendorf

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Within Range is published monthly by the Pacific Missile Range Facility Public Affairs Office. Questions, concerns and comments can be directed to the Editor at stefan.alford@navy.mil or mathew.diendorf@navy.mil.

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Congratulations PMRF Sailors of the Year



Master-at-Arms 1st Class James Stinyard, 2014 Sailor of the Year.

Master-at-Arms 1st Class James Stinyard was born November 6, 1981 in Little Rock, Arkansas. He later moved to Pine Bluff where he graduated high school in 2000. After graduation he attended University of Arkansas, Magnolia for two years.

While contemplating entering the Police Academy, MA1 decided to enter the Navy and attended boot camp at RTC Great Lakes in October 2003.

Following boot camp, Stinyard attended Master-at-Arms "A" school where he graduated the top of his class. He was then assigned to the USS Shrike (MHC 52), homeported in Ingleside, Texas. Here he earned his surface warfare specialist pin and was meritoriously advanced to 3rd Class Petty Officer and named Junior Sailor of the Quarter.

In 2005, Stinyard transferred to Naval Support Activity Mid-South, Millington, Tenn., and served as the Security Department Armorer. While here he deployed with the U.S. Army 16th Military Police Brigade in support of combat operations in Iraq, earning the Army Commendation Medal and advancing to 2nd Class Petty Officer.

In September 2008, he transferred to Commander, Fleet Activities Yokosuka, Japan where he served as one of the first Crew Serve Weapons instructors in the fifth and seventh fleets. Stinyard traveled to the islands of Guam, Diego Garcia and multiple ships to train and qualify Sailors deployed in the Pacific.

In November 2011, Stinyard transferred to Naval Support Activity, Souda Bay, Crete, where he was a watch commander and instructor. In December 2012 he reported to PMRF and currently serves as the Security Operations Leading Petty Officer.

MA1 Stinyard is married to his wife Brandi of 12 years, they have three children, Anaijah, Jabraius, and James.

"It was truly an honor to be named PMRF's Sailor of the Year and represent the command at the region boards," Stinyard said. "For the future candidates, keep working hard and always look forward, ask yourself 'what can I do to be better?' and do it."

Master-at-Arms 2nd Class Michael Cassano was born March 19, 1981, in East Pa-

tchogue, New York. He enlisted in the Navy April 15, 2008 and attended basic training at RTC Great Lakes in Chicago.

Following boot camp, Cassano attended Master-at-Arms "A" school at Lackland AFB, Texas.

His first assignment was Naval Air Facility Atsugi, Japan from September 2008 to 2011. While onboard Atsugi, he served as a patrolman, watch commander, lead field training officer for his section and was advanced to 3rd Class Petty Officer.

After two years, Cassano moved to the Physical Security Department where despite being the lowest ranking, excelled in Anti-terrorism/force protection. Cassano re-wrote the command's PPR's (pre-planned response) and assist-



Master-at-Arms 2nd Class Michael Cassano, 2014 Junior Sailor of the Year.



From right, Boatswain's Mate 2nd Class Christian Cruz and Naval Aircrewman (Mechanical) 2nd Class Alex Allen remove the National Ensign during a funeral service at the Kauai Veterans Cemetery in Hanapepe.

PMRF Color Guard provides vital service to honor Veterans

Story and photos by Stefan Alford

Usually when PMRF Sailors are seen in the local community, it's in an unofficial capacity – whether volunteering for a Habitat for Humanity project or sharing their experiences with students at a career day event.

There's one role, however, where military decorum, customs and tradition are on display in a formal manner -- the PMRF Color Guard Detail represents the base at a variety of community functions, from proudly visible flag bearers at parades to the solemn honors rendered at veterans' funeral services.

"It's an honor and a privilege to have this program and

Sailors here in PMRF, it shows the sense of pride to what they represent," said Senior Enlisted Leader ADCS Rolan Jiao. "It also gives us a chance to give back to the community and to give honors to our fallen brothers and sisters at arms that have served our country even way before our time."

Those sentiments were echoed by the Color Guard Detail Leading Petty Officer AWF2 Alexander Allen.

"The benefits include community service, honoring those who have gone before us, showing Navy pride, understanding honor and tradition, and promoting the image of the Navy

among other things," said Allen. "Each member proudly serves with selfless devotion for a variety of reasons."

The detail currently has eight members, but is always looking for more, said Allen.

"Ideally, we need as many as we can get for flexibility," he explained. "We need four for funerals, and five for parades and other events."

Some of those other functions include changes of command, retirement ceremonies and the Navy Ball.

"We have received very excited and outstanding

Color Guard, continued on Page 7

Navy partners with agencies for albatross egg relocation

Story and photos by Stefan Alford

A PMRF C-26 departed the base last month on a scheduled weekly mission to Oahu with some unusual space-available cargo in the form of 44 Laysan albatross eggs destined for relocation to the James Campbell National Wildlife Refuge.

The Navy, U.S. Fish and Wildlife Service, and Pacific Rim Conservation are attempting to establish a new Laysan albatross colony on the northern coast of Oahu from eggs collected at PMRF that were unable to be placed with foster albatross parents on Kauai.

Upon arrival, the eggs were further transported to the PRC office and then double checked to ensure they made it safely through the transport process – which they all did. They were then placed in an incubator until hatching, expected in mid-February. The chicks will then be raised at the James Campbell refuge.

This is the first time that albatross eggs have been relocated to another island to try and establish a colony, according to Eric VanderWerf of Pacific Rim Conservation.

“This is the first time anyone has tried to relocate the eggs of any albatross,” he said. “There have been several projects in which albatross chicks have been relocated, including the Laysan Albatross, but nobody has done it with eggs. I think it shows the Navy is willing to try to solve this problem in a pro-



Eric VanderWerf, a biologist with Pacific Rim Conservation, “candles” a Laysan albatross egg at PMRF, Dec. 16, to determine viability for relocation to Oahu.

ductive and responsible way.”

The albatrosses at PMRF nest near an active runway, where they pose a collision hazard that puts aircraft and crews at risk, due to the birds’ large 6-7 foot wingspan and their habit of circling over the nesting area.

The Navy relocates all albatross eggs and adults each year from PMRF’s air safety zone to prevent collisions with aircraft.

The adults are transported to protected albatross nesting colonies on the northern coast of Kaua’i and released.

Some eggs are placed with foster albatross parents on Kaua’i whose natural eggs are infertile and will not hatch, but there are not enough foster parents.

“The eggs, and even the adults, could legally be killed, but the Navy has not chosen to do that and instead has helped fund

a project that will provide an important conservation benefit to the species,” added VanderWerf. “The Navy has been very easy to work with and has been a great partner on this project. The Navy side of this project has in many ways been the easiest aspect for us.”

The Navy’s albatross egg relocation program has been a success since it started at PMRF in 2004 under the guidance of range sustainment coordinator John Burger and now under direction of natural resources biologist Tom Savre. PMRF receives additional support for the program from the Naval Facilities Engineering Command (NAVFAC) Hawaii and its Environmental Planning and Conservation staff.

Eggs, continued Page on 6

Eggs, continued from Page 5

From left, PMRF Naval Aircrewmen (Mechanical) 2nd Class Ian Gottron and Naval Aircrewman (Helicopter) 1st Class Johnathan Weiss load coolers containing the Laysan eggs aboard the C-26.

Support for the joint project also involves the National Fish and Wildlife Foundation, the American Bird Conservancy, and the David and Lucile Packard Foundation.

The U.S. Fish and Wildlife Service recently acquired a parcel of land on the northern coast of O'ahu that provides excellent habitat for seabirds, including albatrosses, but none currently nest there.

The simultaneous availability of Laysan albatross eggs from PMRF and suitable, but unoccupied, albatross nesting habitat at a protected wildlife refuge represents an opportunity to accomplish an important conservation action for the species and also to help solve

a human-wildlife conflict, said VanderWerf.

"Albatrosses return to the same location where they were raised as chicks. Thus by moving the eggs prior to hatching, the chicks will imprint on the James Campbell Refuge and return there to breed, becoming the seeds of a new colony that they will establish in the future, away from aircraft and people," VanderWerf explained.

The young birds will spend their first few years at sea and are expected to begin returning to the refuge (not to PMRF) in 3-5 years and to start nesting on the refuge in 5-8 years, said VanderWerf.

More than 99% of Laysan albatrosses nest in the low-lying

Northwestern Hawaiian Islands at the Midway Atoll and Hawaiian Islands National Wildlife Refuges, where they are threatened by sea level rise associated with global climate change.

"Recent storm surges have wiped out thousands of albatross nests with eggs or young chicks," noted acting refuge manager, Jared Underwood of the U.S. Fish and Wildlife Service. "This was one of the main reasons that made James Campbell National Wildlife Refuge an attractive location to receive the eggs because the refuge is located on a 'high' island within the historical nesting range of the Laysan albatross."

Color Guard, continued from Page 4

feedback and support from the community," Allen added. "They love having us for every event they can book us for. The families of fallen service members are especially thankful for our services at funerals."

The funerals are "the hardest, but the best," said Allen. "Honoring a fallen service member and giving a final salute and comfort to the family is a very humbling and fulfilling experience."

The PMRF detail is the only active duty color guard on Kauai, although the Army National Guard unit in Hanapepe also offers color guard services.

"We usually receive one request per month," said Allen, "but we have been much more active recently and participated in new events due largely in part to our outstanding performance and willingness to support the community."

There are no set practice times, explained Allen, but the



(TOP) from left, AWF2 Alex Allen, BM1 Said Esparza, BM2 Christian Cruz fold the National Ensign during a funeral service at the Kauai Veterans Cemetery. **(BOTTOM)** PMRF Color guard Sailors do a final inspection on each other prior to a funeral service at Kauai Veterans Cemetery in Hanapepe.

detail meets at least twice a month to rehearse.

"It's fairly fluid given that multiple departments are involved and based on operational commitments," he said. "We meet whenever we can during the month, especially before an event, for practice in the hangar."

The detail is made up of volunteers and there is no rank requirement – with the emphasis being on performance, dedication, commitment and military bearing. Those interested can contact Allen, or any of the other members for more information.

From Research to Railgun: Revolutionary Weapon at Future Force EXPO

*From Office of Naval Research
Public Affairs*

ARLINGTON, Va. (NNS) -- The Electromagnetic Railgun—a weapon that will play a significant role in the future of the U.S. Navy—will be on display to the public for the first time on the East Coast Feb. 4-5 at the Naval Future Force Science and Technology (S&T) EXPO in Washington, D.C., officials at the Office of Naval Research (ONR) announced Jan. 13.

With Chief of Naval Operations (CNO) Adm. Jonathan Greenert set as the event's keynote speaker on Feb. 4, the EXPO promises to be a window into the future of the U.S. Navy, showcasing the latest advances in power projection and force protection.

"This year's Expo will showcase the naval portfolio of innovative breakthrough technologies that are shaping our warfighting tactics today and changing the way our Sailors and Marines will operate in the future," said Chief of Naval Research (CNR) Rear Adm. Mat Winter. "The Electromagnetic Railgun is among several disruptive capabilities that the Naval Research Enterprise is championing to ensure a dominant, capable and relevant naval force for the future."

Experts from ONR, Naval Sea Systems Command and BAE Systems, Inc., will be on hand at the display and in breakout sessions to address the technical developments of the weapon.

The Railgun program continues to move toward scheduled at-sea testing in 2016. Its revolutionary technology relies on electricity instead of traditional chemical propellants, with magnetic fields



SAN DIEGO (July 8, 2014) One of the two electromagnetic railgun prototypes on display aboard the joint high speed vessel USS Millinocket (JHSV 3) in port at Naval Base San Diego. The railguns are being displayed in San Diego as part of the Electromagnetic Launch Symposium, which brought together representatives from the U.S. and allied navies, industry and academia to discuss directed energy technologies. (U.S. Navy photo by Mass Communication Specialist 2nd Class Kristopher Kirsop/Released)

created by high electrical currents launching projectiles at distances more than 100 nautical miles—and at speeds that exceed Mach 6, or six times the speed of sound.

That velocity allows the weapon's projectiles to rely on kinetic energy for maximum effect, and reduces the amount of high explosives needed to be carried on ships. It also minimizes the dangers of unexploded ordnance remaining on the battlefield.

"The Electromagnetic Railgun brings significant technological advances to our Sailors and Marines," said Roger Ellis, program manager at ONR. "As the system moves forward along its planned schedule from the laboratory launcher, we've achieved breakthroughs in compact power and gun design, and will test the next phase of prototype at both sea- and land-based sites in 2016 and 2017."

The Naval Future Force S&T EXPO

is the Navy's premier event to share information, discuss research opportunities and build science and technology partnerships between the Navy and Marine Corps, industry and academia. Formerly titled the Science and Technology Partnership Conference, the biennial event draws thousands of attendees from around the world.

In addition to the CNO and CNR, speakers will include Dr. Robert Ballard, acclaimed discoverer of the Titanic; Assistant Secretary of the Navy (Research, Development and Acquisition) Sean Stackley; Nobel Prize winners; leaders from the Defense Advanced Research Projects Agency, the Office of the Secretary of Defense, the Air Force, Army and many more.

The event also will feature unique one-on-one opportunities for

Railgun, continued on Page 10

Awards at Quarters

Photos by Stefan Alford



(From left) Chief Electronics Technician Chad Morris is awarded the Navy and Marine Corps Commendation Medal and the Military Outstanding Volunteer Service Medal. Master-at-Arms 1st Class James Stinyard is awarded the Navy and Marine Corps Achievement Medal and named 2014 PMRF Sailor of the Year. Master-at-Arms 2nd Class Michael Cassano is awarded the Navy and Marine Corps Achievement Medal and named the 2014 PMRF Junior Sailor of the Year.



Naval Aircrewman (Helicopter) Johnathon Weiss is named PMRF Sailor of the Quarter, 4th Quarter. Boatswain's Mate 2nd Class Kristopher Reynolds is named PMRF Junior Sailor of the Quarter, 4th Quarter. Logistics Specialist 1st Class Jared Hiniker is awarded his fourth Good Conduct Medal.



Master-at-Arms 1st Class Melvin Ramos is awarded the Military Outstanding Volunteer Service Medal. Master-at-Arms 2nd Class Ace Adams is awarded the Good Conduct Medal and a letter of commendation.



Master-at-Arms 2nd Class Joshua Mendez is awarded his 2nd Good Conduct Medal. Aviation Support Equipment Technician 2nd Class Josh Joiner is awarded the Good Conduct Medal.

SOY/JSOY continued from Page 3

ed the NEO in coordinating the volunteer evacuation during the 2009 Tohoku earthquake and tsunami.

In October 2011, Cassano transferred to Naval Support Bahrain where he advanced to 2nd Class Petty Officer.

Cassano transferred to PMRF in November 2012 and currently works in physical security.

"It's an honor to be PMRF Junior Sailor of the Year," Cassano said. "I would tell them (future candidates) to look up the '21st Century Sailor' information on NSIPS, and during boards answer every question, if you don't know the answer tell the board that you don't know and you will get back to them."

Awards at Quarters continued



(From left) Mass Communication Specialist 2nd Class Mathew Diendorf is named the Enlisted Public Affairs Officer of the Year for 2013 by Chief of Naval Information Office. Diendorf is also promoted to 1st Class Petty Officer. Master-at-Arms 3rd Class Anthony Cordafreeland is promoted to the rank of 2nd Class Petty Officer. Master-at-Arms Seaman Justin Ford is promoted to the rank of 3rd Class Petty Officer.



Master-at-Arms Seaman Anthony Clugston is promoted to the rank of 3rd Class Petty Officer.

Railgun, continued from Page 8

dialogue in breakout sessions with ONR program managers.

More information about the event, and how to register, can be found here: <http://www.onr.navy.mil/expo>.

ONR provides the science and technology necessary to maintain the Navy and Marine Corps' technological advantage. Through its affiliates, ONR is a leader in science and technology with engagement in 50 states, 70 countries, 1,035 institutions of higher learning and 914 industry partners. ONR employs more than 1,000 people, comprising uniformed, civilian and contract personnel, with additional employees at the Naval Research Lab in Washington, D.C.

For more news from Office of Naval Research, visit www.navy.mil/local/onr/.

PMRF in the Community



PMRF Sailors and Civilians joined up to paint over graffiti during a beautification community service project in observance of Dr. Martin Luther King Jr. day. Photo by Stefan Alford. (Below) From left, Sue Donaher, Master-at-Arms 1st Class James Stinyard and Joe Schneider paint a picnic table at MacArthur community park in Kekaha. Photo by Stefan Alford.



New Housing Website

From Navy Installations Command Housing Program

WASHINGTON (NNS) – The Navy, along with the other military branches, has announced a new website, HOMES.mil, that is dedicated to helping service members, Department of Defense (DoD) civilians and their families with home finding services.

The new DoD website provides a vehicle for community housing landlords and property managers to create and update their profiles and listings.

HOMES.mil is a secure website that allows property managers, landlords and service members a means to market their properties. Those using the website are able to control their listings, and upload photos and floor plans to the website.

“The Navy has worked alongside the other services to offer the best housing options to service members around the world,” said Greg Wright, Navy Housing program director. “HOMES.mil modernizes the way Navy Housing provides information on local rental properties and improves the Housing Service Centers’ customer service to Sailors and their families while helping to alleviate some of the burden and stress of PCS.”

Landlords and property managers, who have worked with the Housing Service Centers

(HSCs) in the past, can create a login for HOMES.mil and are able to access their previously listed properties. Once a landlord or property manager creates a login, they can manage their property listing. These listings can include a list of amenities, photos and additional information to assist service members in making informed housing decisions.

“The Navy is focused on assisting Sailors and their families in finding safe, suitable and affordable housing wherever they choose to live. HOMES.mil, in conjunction with the HSC’s professional housing staff, will provide an improved experience for our customers,” said Wright.

HOMES.mil offers a secure site for landlords and property managers wishing to list their properties for DoD service

members and government civilians stationed near military installations. HOMES.mil is integrated with the HSC’s management software, allowing a streamlined experience for service members looking for community housing.

HOMES.mil is now available for landlords and property managers to begin uploading information on properties they want to list. On Dec. 29, the HOMES.mil website will be available to all service members and their families to find housing. The HOMES.mil website address is <https://www.homes.mil>.

For questions about HOMES.mil and other housing information, please visit the Navy Housing website: www.cnmc.navy.mil/HOUSING.

Wish you were here - Photos from the Fleet



BLACK SEA (Jan. 7, 2015) The guided-missile destroyer USS Donald Cook (DDG 75) transits the Black Sea. Donald Cook is conducting naval operations in the U.S. 6th Fleet area of responsibility in support of U.S. national security interests in Europe. (U.S. Navy photo by Mass Communication Specialist 2nd Class Karolina A. Os-eguera/Released)

ARABIAN GULF (Dec. 26, 2014) Sailors play basketball on the flight deck of the Arleigh Burke-class guided-missile destroyer USS Mitscher (DDG 57) during a steel beach picnic. Mitscher is deployed in the U.S. 5th Fleet area of responsibility supporting Operation Inherent Resolve, strike operations in Iraq and Syria as directed, maritime security operations and theater security cooperation efforts in the region. (U.S. Navy photo by Mass Communication Specialist 2nd Class Anthony R. Martinez/Released)



GULF OF ADEN (Dec. 24, 2014) Logistics Specialist Seaman Samuel White, from Sacramento, Calif., leads the combined gospel and Makin Island choir in Christmas carols on the flight deck aboard the amphibious assault ship USS Makin Island (LHD 8) during a Christmas Eve candlelight ceremony. The Makin Island Amphibious Ready Group, along with the embarked 11th Marine Expeditionary Unit (11th MEU), are deployed in support of maritime security operations and theater security cooperation efforts in the U.S. 5th Fleet area of responsibility. (U.S. Navy photo by Mass Communication Specialist Seaman Dennis Grube/Released)