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Pacific Missile Range Facility

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PMRF MWR tree lighting see page 3

## 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 [pmrfoambudsman@yahoo.com](mailto:pmrfoambudsman@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.



As "Eye of the tiger" plays in his head, Frosty the Snowman, better known as Cmdr. Garron Morris, gets psyched up for the Lights on Rice Parade in Lihue.

Photo by MC2 Mathew J. Diendorf

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# PMRF Floats through Lights on Rice Parade

By PMRF Public Affairs

More than 20 Sailors assigned to the Pacific Missile Range Facility joined other marching units in the annual Lights on Rice holiday parade Dec. 6.

Exactly 2,000 people and over 60 units marched in the parade that officially started at the corner of Kalena and Rice streets and made its way to Eiwa street.



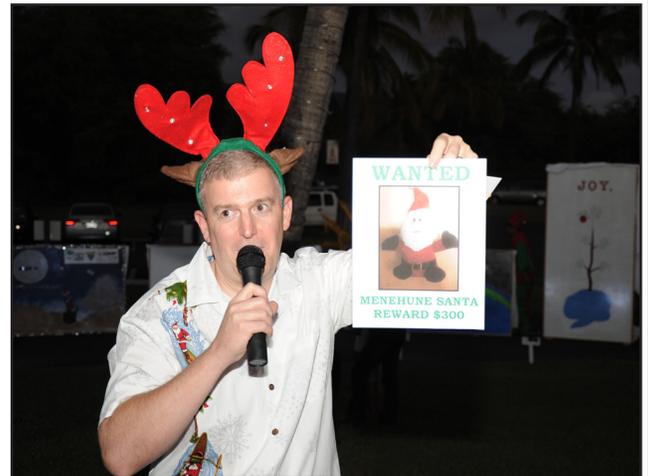
(ABOVE) Sailors assigned to PMRF march in the annual Lights on Rice holiday parade. (BELOW) A PMRF Aerial Target and Seaborne Powered Target boat decorated with lights is towed during the Lights on Rice holiday parade. Photos by MC2 Mathew J. Diendorf.



# PMRF kicks off holidays with annual tree lighting



*(LEFT) Children from the PMRF Child Development Center perform Christmas carols prior to the tree lighting ceremony at Shenanigan's restaurant. (MIDDLE LEFT) The winners of the MWR Christmas greeting card contest are revealed. First place was awarded to Air Operations Department. Second place was NAVFAC. (MIDDLE RIGHT) PMRF Commanding Officer, Capt. Bruce W. Hay reveals the first clue to finding Menehune Santa and his coveted \$300 prize. (BOTTOM) Capt. Hay and "Santa's elves" flip the switch to light the tree outside Shenanigan's restaurant. Photos by MC2 Mathew J. Diendorf.*



## Civilian Mariners visit PMRF for orientation tour

Story by Stefan Alford

Seventeen guests representing local private and commercial boating, fishing and diving communities visited Pacific Missile Range Facility, Nov. 18.

"We want to continue our cooperative efforts and strengthen relations with those who we share the waterways with here," said Roland Sagum, the Installation Community Planning and Liaison Officer, who helped organize the event along with public affairs and protocol.

The tour was well received and consisted of a mission

brief from Commanding Officer Capt. Bruce W. Hay, who then accompanied the group for an interactive, educational static display of the Seaborne Powered Targets (SEPTAR) boats.

"This is great. Now I know what these unmanned orange boats do out there," said one of the charter boat company captains, who took the opportunity to climb up into the Navy vessel and explore the workings of the high-powered, remote-controlled target boat.

Awareness and understanding of the PMRF mission to "our neighbors" was one of the objectives highlighted by Capt.

Hay, along with gathering unfiltered feedback on how Navy operations might impact local boaters and fishermen.

From the discussions, PMRF officials will examine ways to increase methods for advance notification procedures of range closures that could adversely impact tour boat excursions.

"This was a great opportunity to better explain what we do," added Sagum. "Although a lot of these folks see us on the water routinely, many were surprised at the scope and variety of our training missions outside of the major missile launches."

## Aegis Ashore "Light-Off" at PMRF

Story by Missile Defense Agency Public Affairs

On the eve of the 72<sup>nd</sup> anniversary of the invasion at Pearl Harbor, the joint Lockheed Martin, Missile Defense Agency (MDA) and U.S. Navy team celebrated the "light off" of the land-based missile defense system, Aegis Ashore, during a ceremony at the U.S. Navy's Pacific Missile Range Facility (PMRF) in Kauai, Hawaii.

The Aegis Ashore Missile Defense Test Complex is designed, built and manned to conduct test and evaluation of the Aegis Ashore weapon system prior to the Operational employment of two sites in the European Theater of Operations.

"On this historic weekend,

we are celebrating the evolution of our maritime defense capabilities and the strides we have made since that tragic day at Pearl Harbor," said Brendan Scanlon, Lockheed Martin's director for Aegis Ashore. "Today we're one step closer to seeing Aegis Ashore come to life and it won't be long before the system is operational and defending our troops, assets and European allies from ballistic missile threats."

The event marked the third time in less than six months that two Aegis Ashore systems have been activated and declared



Rear Adm. Randall Hendrickson, Aegis program executive, speaks prior to the Aegis Light-Off at the Aegis Ashore Missile Defense Test Complex at PMRF. Photo by MC2 Mathew Diendorf.

ready for testing. The first light off for this system occurred in Moorestown, N.J. in May, and with this second light off now complete, the team will begin to prepare for flight tests next

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## ***Aegis continued from Page 5***

year.

Back in Moorestown, the system destined for Romania was activated in October and is preparing for its first live track and ship to Romania in 2015.

As an essential part of the Presidentially-mandated European Phased Adaptive Approach, Aegis Ashore uses the proven capability of sea-based Aegis BMD and fields it in a land-based application using the newest generation of BMD, known as BMD 5.0.



*(ABOVE, From left) Capt. Bruce W. Hay, PMRF commanding officer follows Naval Aircrewman (Helicopter) 1st Class Johnathan Weiss and Logistics Specialist 2nd Class Brandon Healy as they carry a wreath during the 2013 Hanapepe Veteran's Day Ceremony. Photo by MC2 Mathew J. Diendorf.*



*(From right) Clarence Aki, Thomas Nizo and Damien DeCosta install environmental interpretive signs behind She-nanigans restaurant Dec. 4. Signs explaining the military and cultural history of PMRF were installed at various locations around the base last week, to also include near Pass and ID, Major's Bay, and the guest cottages. Courtesy photo by Carl Antone.*

# Congratulations on your reenlistment



*(LEFT) Electronics Technician 1st Class Kristian Fries recites the oath of enlistment with Chief Warrant Officer 3 Arthur Cornelius. (RIGHT) Electronics Technician 1st Class Kristian Fries is presented with a certificate of enlistment by Chief Warrant Officer 3 Arthur Cornelius. ET1 Fries transfer to Riverine Squadron Two in Little Creek, Va., first quarter 2014.*



## Makaha Ridge plays pivotal role in PMRF mission

*Story and photos by MC2 Mathew J. Diendorf*

As you drive past the base on your way to Polihale State Park, you might notice some white domes overlooking the cliffs 1,200ft above sea level. These domes play a vital role in the mission of the Pacific Missile Range Facility.

Approximately 30 employees travel daily up the mountain to work at the telemetry and radar station commonly referred

to as PMRF's replay booth. Telemetry comes from the Greek word tele, meaning from a distance, and meter, meaning measure.

"The literal translation is measuring from a distance," said Makaha Ridge facility manager and supervisor, Gordon Mattos. "When PMRF launches we have a lot of equipment that tracks virtually anything you can

think of."

Makaha's mission is to track record and display whatever is happening on the range.

"During the missions, we will record whatever is happening and RF link it down to Barking Sands into Range Operations building 105," Mattos said. "Thousands of functions can

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### ***Makaha continued from Page 7***

be displayed, what we display depends on what the customer wants to see.”

Makaha isn't only tracking what is launched from Barking Sands; they also support launches from Vandenberg Air Force Base in California.

“In September we had a 15 day period where we supported four different missions successfully,” Mattos said. PMRF conducted Flight Test Mission (FTM) 21, supported two Minuteman III ballistic missile test launches from Vandenberg, and FTM 22 all in 15 days. “It was a huge success to prove the capabilities of the range,” Mattos said. “The range had to be configured differently for each operation.”

PMRF is known as the mid-course range and provides data for some of Vandenberg's missile tests, Mattos said. “Before Vandenberg loses sight of the missile we will pick it up and track it until Kwajalein



*(ABOVE) Makaha Ridge sits approximately seven nautical miles north of Barking Sands and overlooks BARSTUR and BSURE ranges. Site elevations are between 1,500ft. and 1,700ft. providing line-of-sight coverage to 60 nautical miles over the horizon*

can pick it up.”

The employees at Makaha are primarily composed of technicians and most are former military.

“What I was doing in the Navy was very similar to what PMRF was doing here in 1967 when I started working at Barking Sands,” Mattos said. “Kauai

Community College has come to us in recent years to see what they would have to teach the students to get a job here at the base.”

Most of the time an associate's degree or a military technical school would be required for employment, Mattos said.

“I really enjoy working at Makaha Ridge,” Mattos said. I like the workers, and the job is always changing.”



*(LEFT) Two of Makaha's KAM telemetry antennas. Makaha maintains more than 10 telemetry, radar and surveillance antennas at both Makaha Ridge and Kokee sites. The equipment is used for tracking and recording the various test and training events that take place at Barking Sands.*



# Top 10 Holiday Safety Tips



## 1. Inspect electrical decorations for damage before use.

Cracked or damaged sockets, loose or bare wires, and loose connections may cause a serious shock or start a fire.



## 2. Do not overload electrical outlets.

Overloaded electrical outlets and faulty wires are a common cause of holiday fires. Avoid overloading outlets and plug only one high-wattage appliance into each outlet at a time.



## 3. Never connect more than three strings of incandescent lights.

More than three strands may not only blow a fuse, but can also cause a fire.



## 4. Keep tree fresh by watering daily.

Dry trees are a serious fire hazard.



## 5. Use battery-operated candles.

Candles start almost half of home decoration fires (NFPA).



## 6. Keep combustibles at least three feet from heat sources.

A heat source that was too close to the decoration was a factor in half of home fires that began with decorations. (NFPA).



## 7. Protect cords from damage.

To avoid shock or fire hazards, cords should never be pinched by furniture, forced into small spaces such as doors or windows, placed under rugs, located near heat sources, or attached by nails or staples.



## 8. Check decorations for certification label.

Decorations not bearing a label from an Independent testing laboratory such as Underwriters Laboratories (UL), Canadian Standards Association (CSA) or Intertek (ETL) have not been tested for safety and could be hazardous.



## 9. Stay in the kitchen when something is cooking.

Unattended cooking equipment is the leading cause of home cooking fires (NFPA).



## 10. Turn off, unplug, and extinguish all decorations when going to sleep or leaving the house.

Unattended candles are the cause of one in five home candle fires. Half of home fire deaths occur between the hours of 11:00 p.m. and 7:00 a.m. (NFPA)



# Wish you were here - Photos from the Fleet



**(Clockwise) GULF OF ADEN** (Nov. 21, 2013) A member of the visit, board, search and seizure team assigned to the guided-missile destroyer USS Mason (DDG 87) gives food and water to the crew of a fishing dhow. Mason is deployed as part of the Harry S. Truman Carrier Strike Group supporting maritime security operations in the U.S. 5th Fleet area of responsibility. (U.S. Navy photo by MC2 Rob Aylward)

**ATLANTIC OCEAN** (Dec. 1, 2013) Damage Controlman 1st Class Pedro Caliz, from New York, participates in a training exercise as part of USS Roosevelt's (DDG 80) visit, board, search and seizure (VBSS) team. Roosevelt is conducting its final pre-deployment evaluation with the George H.W. Bush Carrier Strike Group to achieve mission readiness and the ability to work alongside international allies in the execution of the Navy's maritime strategy. (U.S. Navy Photo by MC3 Justin Wolpert)



**PHILIPPINE SEA** (Dec. 3, 2013) Air department Sailors scrub the flight deck of the aircraft carrier USS George Washington (CVN 73) with aqueous film forming foam and brushes. George Washington and its embarked air wing, Carrier Air Wing (CVW) 5, provide a combat-ready force that protects and defends the collective maritime interests of the U.S. and its allies and partners in the Indo-Asia-Pacific region. (U.S. Navy photo by MC2 Chris Henry)

**OKINAWA, Japan** – (Dec. 4, 2013) Seabees assigned to Naval Mobile Construction Battalion (NMCB) 3 join Sailors from Commander Fleet Activities Okinawa and the Japanese Maritime Self Defense Force to perform a contemporary dance with children from the Kanasa Nursery School during a cultural exchange at the JMSDF base. The 3rd annual event allowed Seabees to join Navy personnel from Commander, Fleet Activities Okinawa and the JMSDF herald in the Holiday Season. NMCB 3 is a vital component of the U.S. Maritime Strategy, providing details deployed



to Okinawa, Atsugi and Yokosuka, Japan; Chinhae, Republic of Korea; China Lake and San Clemente Island, Calif; Timor-Leste, Tonga, Cambodia and the Republic of the Philippines each capable of providing disaster preparation and recovery support, humanitarian assistance and combat operations support. (U.S. Navy photo by MC1 Chris Fahey).