

Within Range



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Pacific Missile Range Facility

November 2014

PMRF supports MDA tests

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A short-range ballistic missile target is launched from PMRF during FTM-25.

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.



"This is the only time Bos'n lets me drive the boat, I'm going to own it."

- Boatswain's Mate 2nd Class Christian Cruz.

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Commanding Officer: Capt. Bruce W. Hay
Senior Enlisted Leader: ADCS Rolen E. Jiao
Editor: Stefan Alford

Executive Officer: Cmdr. Peter Donaher
Staff: MC2(NAO/AW) Mathew J. Diendorf
Cover Photo by: Jerry Lamar

PMRF supports milestone MDA integrated test

By Stefan Alford

PMRF launched one short-range ballistic missile target and two low-flying cruise missile targets Nov. 6 as part of the Missile Defense Agency's first test of its Integrated Air and Missile Defense (IAMD) of the Aegis Ballistic Missile Defense (BMD) system.

U.S. Navy Sailors aboard the USS John Paul Jones (DDG 53) detected and tracked the missiles with its onboard AN/SPY-1 radar, developed a fire control solution using the Aegis BMD weapon system and successfully intercepted the targets near-simultaneously.

"FTM-25 was unique because this was the first test of a recent upgrade to the Aegis Weapon System that combined ballistic missile defense technology with the ship's self-defense/anti-air warfare capability," said Ave Soto, PMRF director of the test and evaluation division. "The ability to simultaneously engage cruise missile threats and ballistic missiles in an Integrated Air and Missile Defense test is a major milestone for the Navy."

The short-range ballistic missile target was intercepted by a Standard Missile-3 (SM-3) Block IB guided missile, while two low-flying cruise missile targets were engaged by Standard Missile-2 (SM-2) Block IIIA guided missiles.

This test, designated Flight Test Standard Missile-25



USS John Paul Jones (DDG 53) launches a Standard Missile-3 (SM-3 Block 1B) guided missile to engage a short range ballistic missile target. DDG 53 also launched two Standard Missile-2 (SM-2) Block IIIA guided missiles to engage two low-flying cruise missile targets during the test event. Contributed photos from MDA.

(FTM-25), was the first live-fire event of the Aegis Weapon System in IAMD Radar Priority Mode, engaging a ballistic missile target and a raid of cruise missile targets.

The complexity of the mission required a significant amount of preparation by PMRF's range personnel, said Soto, "to ensure we conducted the mission in a safe manner while still ensuring the scenario was tactically realistic to the warfighters. We needed to maintain situational awareness of the targets and interceptor missiles in flight at all times and have the ability to terminate flight if the situation warranted. We met all our requirements."

Meeting those requirements successfully signifies "a huge advancement," Soto added.



"The data collected on this mission will help validate that ship upgrades met the specifications of the Aegis Baseline (BL) 9.C1 (BMD 5.0 Capability Upgrade) Weapon System, and in the future, other AEGIS ships can be configured with the latest capability to defeat ballistic missiles while protecting themselves from cruise missile threats."

FTM-25 marks the 29th successful intercept in 35 flight test attempts for the Aegis BMD program since flight testing began at PMRF in 2002. The Kauai range offers the premier capability for testing based on its location and data collection instrumentation suite, said Soto.

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VI Specialists document range ops

By MC2 Mathew J. Diendorf

Standing atop a mountain on Kauai and taking in the beauty that nature has laid out is something every tourist comes to the Garden Island to experience, but not every tourist has the opportunity to see a missile streak across the sky after launching from the Pacific Missile Range Facility (PMRF).

"I like going to Makaha Ridge because it's cooler, there aren't as many people and the view is great," Manu Kai photographer, Jerry Lamar said. "This is such a cool job."

Jerry started working for PMRF on TWR (torpedo recovery boat) 833 as a part-time employee in the 90's.

"I was working on a commercial fishing boat and got to know the PMRF crews in Port Allen," Lamar said.

In 2002 the contracted photography position opened up on base and he applied.

"I didn't have a lot of experience in photography but I wanted to try something different and the job was full time," said Lamar.

With only a handful of launches a year, you would think that there wouldn't be much to document when there weren't targets streaking across the sky.

"We document the entire build-up of the targets," Lamar said, "it's really impres-



Llowen Liberato edits video he shot during a recent Missile Defense Agency test and evaluation event. Photo by MC2 Mathew Diendorf.

sive to see all that goes into making a launch happen."

Photos of missile launches can be nice and pretty but video is always a priority for test and evaluation events and fleet commanders wanting to see what is happening on the range.

"We conduct ERVS(Extended Range Video System) missions," Manu Kai videographer, Llowen Liberato said. "We fly out with Crowman (helicopter) and transmit a live video feed back to the ROC (Range Operations Center)."

"Flying is my favorite part," said the 2000 Waimea Grad. "I've lived on Kauai most of my life and flying and shooting ERVS gives me a chance to see a lot of stuff no one else gets to see."

Liberato's interest in video production sparked after tak-

ing a high school elective on cinematography and then grew after seeing a friend make surf and body boarding videos. Following high school he received his associate's degree in television production from Leeward Community College on Oahu.

"After college I wanted to move back to Kauai," he said, "but finding a job in video production can be difficult."

He worked for a production company on Oahu shooting mostly weddings for three years.

"A family friend told me about an opening here, so I applied," he said.

Liberato and Lamar now both put their visual documentation skills to use for the range and its customers.

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“The hazard patterns for BMD missions are large,” he explained. “In some cases, up to a million square miles of ocean must be surveyed. PMRF has been able to work with other agencies to facilitate range clearance which would be nearly impossible at other ranges. Additionally we have sophisticated radars, telemetry, optics and communications systems that enable us to collect the data necessary for evaluation of the system under test. Analysts spend months evaluating system performance based on the data we provide them post mission.”

“This was a milestone event,” emphasized Rear Adm. Richard L. Williams, Commander Navy Region Hawaii and Naval Surface Group Middle Pacific, underscoring its importance to DOD’s missile defense system array by witnessing the test execution first-hand at PMRF. Also at PMRF to view the lead up to the event were Vice Admiral Thomas S. Rowden, Commander of Naval Surface Forces, and Vice Admiral James D. Syring, MDA Director.

“You won’t find comparable integrated range systems capabilities like this anywhere else in the world,” lauded Williams.

The success of FTM-25, however, isn’t just about multi-million dollar, state-of-the-art, high-tech electronics and equipment - it’s the people

who make it happen, Williams added.

“Our Sailors, as well as our civilian team members, continue to demonstrate why America has the best trained Navy in the world,” he said. “The crew of the USS JOHN PAUL JONES in particular responded to a multi-layered scenario with extreme precision and immaculate timing to neutralize the threat and validate the advancements of our MDA partners.”

PMRF Commanding Officer, Capt. Bruce Hay, also praised those involved on the range side.

“I continue to be amazed by the PMRF team,” he wrote in a congratulatory message to all base employees from a trip to the mainland. “It wasn’t easy and we fully stressed every part of the organization to support the most complex MDA campaign to date. This herculean effort had 3- and 4-star admiral attention and, as usual, we fully exceeded expectations.”

The test and evaluation director echoed those sentiments: “I would like to recognize the entire PMRF Ohana for their incredible dedication and professionalism,” said Soto. “It’s amazing to see how our men and women step up to prepare the range for these high visibility events but also for the work we do every day supporting the fleet and other range customers.”

The November test comes on the heels of an Oct. 17 launch from PMRF designated Flight

Test Other (FTX)-20, that saw the Aegis BMD System aboard the USS JOHN PAUL JONES successfully detect and track a medium-range ballistic missile target using the same upgraded weapon system. Several fire control, discrimination, and engagement functions were exercised during that event in preparation for FTM-25, but no SM-3 guided missiles were launched.

Other test participants for both events included discriminating sensors flown on two MQ-9 Reaper unmanned aerial vehicles and sensor systems ashore; the Sea-Based X-band Radar Space Tracking and Surveillance System Demonstrators; Command and Control, Battle Management, and Communications (C2BMC) Enterprise Sensors Lab, C2BMC Experimentation Lab; and the Aegis Ashore Missile Defense Test Complex at PMRF.

The MDA will use test results to improve and enhance the BMDS and support the advancement of Phase 2 of the Phased Adaptive Approach for missile defense in Europe to provide protection of U.S. deployed forces and our European allies and partners.

Aegis BMD is the naval component of the BMDS. The MDA and the U.S. Navy cooperatively manage the Aegis BMD program. *(MDA Public Affairs contributed to this story)*

PMRF in the Community



Sailors assigned to PMRF march in the annual Veterans' Day parade in Kapaa. Nearly 60 Sailors participated in this year's parade. Photos by MC2 Mathew Diendorf.



Families of MA2 James Caudill and MA1 James Stinyard cheer as PMRF passes them during the 2014 Veterans' Day parade.



(From left) PMRF Sailors, EM2 Michelle Ramiro, HT2 Tiffani Carlin, and MA2 Brittney Kellerman were joined by BM3 Adelynn Drecher to form an all female color guard to honor this year's theme of recognizing women veterans. Also participating in the color guard but not pictured was MASN Emily Williams.



(LEFT) Wreath bearers render honors during a 21 gun salute at the Hanapepe Veterans Cemetery.

(TOP) Master-at-Arms 2nd Class Michael Cassano and Master-at-Arms 1st Class James Stinyard carry a wreath during the Veterans' Day ceremony at Hanapepe Veterans Cemetery.

(RIGHT) EM2 Michelle Ramiro and MA2 Ace Adams move harvested invasive species plants to be used in an art project at the National Tropical Botanical Gardens in Kalaheo. (BOTTOM) PMRF Sailors strip leaves off eucalyptus trees that will be used in an art project at the National Tropical Botanical Gardens in Kalaheo. Photos by MC2 Mathew Diendorf.



PMRF outdoor theater last of its kind in Hawaii

By Stefan Alford

PMRF has been known for many firsts when it comes to testing new technologies, but it's a vintage system here that makes the base just as unique in the category of lasts with a nostalgic, recreational activity no longer available anywhere else in the state.

"The last outdoor movie theater in Hawaii shut down in the '90s," said Anne Hedges, Morale, Welfare and Recreation specialist. "We are the only one in operation in the Islands."

In addition to outdoor theaters, the last drive-in movies in Hawaii also closed in the late '90s. There are still occasional movie nights on the beach to be found, from Poipu to Waikiki. However, those are infrequent community events with temporary or make-shift screens and seating comprised of blankets or lawn chairs.

PMRF's outdoor theater is the last existing permanent structure of its kind, with tiered, bench-row seating. It's located behind another one-of-a-kind facility – the only racquetball court on Kauai – and shows movies every Fri-Sun beginning at 7 p.m.

The base's cinematic legacy began with a WWII-era movie shack for transiting troops in the early 1940's, somewhere near the present-day administration building on the north end of the base. The original outdoor movie theater was

MWR MOVIE HOUSE

NOV. 14TH – DEC. 7TH

DATE	TITLE	RATED	RUN TIME
Fri 11/14	Military Family Appreciation Movie at the park How To Train Your Dragon 2	PG	105 MIN
Sat 11/15	When the Game Stands Tall The Giver	PG PG 13	115 MIN 97 MIN
Sun 11/16	Let's be Cops	R	104MIN
Fri 11/21	UP The Hundred-Foot Journey	PG PG	96 MIN 122 MIN
Sat 11/22	Into the Storm Dawn Of The Planet Of The Apes	PG 13 PG 13	89 MIN 130 MIN
Sun 11/23	The Expendables 3	PG 13	128 MIN
Fri 11/28	When the Game Stands Tall The Giver ONE FREE POPCORN	PG PG 13	115 MIN 97 MIN
Sat 11/29	Get on Up Step up All In	PG 13 PG 13	138 MIN 112 MIN
Sun 11/30	November Man	R	108 MIN
Fri 12/05	Nutcraker Earnest Saves Christmas	G PG	92 MIN 95 MIN
Sat 12/06	The Hundred-Foot Journey Four Christmases	PG PG 13	122 MIN 88 MIN
Sun 12/07	Jersey Boys	R	134 MIN

ADMISSION IS FREE

1ST MOVIE STARTS AT 7:00pm

FOR A RECORDED MESSAGE CALL 335-4210

SNACKS ARE AVAILABLE FOR PURCHASE








constructed in 1970 where the fitness and skateboard park now sit.

"The last movie played there was 'Rocky Horror Picture Show' with audience participation -- costumes, water hoses, and motorcycles," said Hedges. The present-day theater location was constructed in 1994, with an upgrade in 2011 from 8mm reel movies to DVD technology.

Pre-selected movies are sent each month from NMPS (Navy

Motion Pictures), to include some older movies along with recently-out on DVD selections.

"Sometimes we get 50 to 60 people, depending on what's playing, especially if it's a children's movie," said Bev Bouche, one of the theater operators who pull double duty in playing the films and staffing the concession stand – which provides the usual theater fare of popcorn, nachos, hot dogs,

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ice cream, assorted chocolate bars and drinks. While the movies are free, snacks are nominally priced – and unlike commercial theaters, bringing your own munchies to the show isn't frowned upon.

The theater's monthly attendance averages more than 375 in the summer and 200 during the winter, said Hedges. The theater is also one of the benefits for the public through the MWR Guest Card program that allows access to non-military affiliated guests to PMRF for recreational use.

"The movie theater provides an important part of our MWR vision," said Hedges. "We are providing a healthy and safe environment for patrons to come and get connected in community life. Movies are often reasons to get together



PMRF MWR employee, Beverly Bouche, prepares popcorn during a movie night at PMRF's outdoor movie theater. Photo by Stefan Alford.

with friends and help maintain social relationships. Movies take us through a range of emotions and feelings. They make us laugh, cry, create excitement or fun, scare us and connect us to something that is important in our past or present, thus providing memorable experiences."

Another experience it will soon provide through upcoming planned improvements is a wireless AM/FM sound system to allow people to sit in their vehicles in the parking lot conveniently facing the 30-ft. wide screen – which will also make it Hawaii's only drive-in theater.



(LEFT) Naval Aircrew (Helicopter) 1st Class Johnathan Weiss talks to 5th through 8th grade students from Chiefess Kamahelei Middle School about careers in the Navy during a recent career day event. (RIGHT) (from left) Firecontrolman 1st Class Zack Weyant, Master-at-Arms 2nd Class Brittney Kellerman and Master-at-Arms Seaman Nicholai David-Diaz talk to students about careers in the Navy during a recent event at Kekaha Elementary School. Photos by MC2 Mathew Diendorf.

CNIC Holds Change of Command

By Sandra Niedzwiecki, Navy Installations Command Public Affairs

WASHINGTON,— More than 500 military and civilian personnel attended the change of command ceremony for Commander, Navy Installations Command (CNIC) on Friday, Oct. 24 at Admiral Leutze Park on the Washington Navy Yard. Vice Adm. Dixon R. Smith relieved Vice Adm. William D. French as the fifth commander since the command's inception in 2003.

The ceremony included full gun salutes, musical performances by the Navy's Ceremonial Band, march on of the troops and parading of the colors by the Navy's Ceremonial Guard, and an a cappella rendition of the national anthem sung by Naomi Howell, one of CNIC's civilian employees. A special contribution to the ceremony was the participation of side boys by former submarine Sailors with whom French served during his first command, USS Spadefish.

"From these men," said French, "I've learned the trade of going to sea in submarines. Gentlemen thank you for finding your full dress blues, putting them all together and being here today."

Guest speaker for the ceremony was Chief of Naval Operations, Adm. Jonathan Greenert.

"I'm honored to be here to take some time to speak about a person who has had a long and distinguished



Vice Adm. Dixon Smith salutes Chief of Naval Operations (CNO) Adm. Jonathan Greenert after he assumed command as Commander, Navy Installations Command (CNIC), during a change of command ceremony held at Leutze Park on the Washington Navy Yard. Hundreds of guests, coworkers and family members attended the ceremony during which Smith relieved Vice Adm. William French. (U.S. Navy photo by Mass Communication Specialist 2nd Class Eric Lockwood/Released)

career, who has dedicated the last two and half years to CNIC, and who is an extraordinary leader," said Greenert. "Bill French has sustained the fleet, enabled the fighter and supported the family. He has revolutionized the Navy shore enterprise."

Responsible for 52,000 military and civilian personnel, 11 Regions and 69 installations worldwide, French received the Defense Distinguished Service Medal for his accomplishments including the attainment of the Homeport Ashore initiative, the development of governance and oversight for the Overseas Drinking Water program, and efforts to align CNIC to support fleet requirements.

The ceremony also recognized French's retirement after more than three-decades of

exemplary service to the Navy. "Today I want to thank many people," said French. "One of the many thankful parts of this job is you get the opportunity to work with so many different people both inside the Navy, fellow services and support organizations that take care of our sailor and families outside the Navy."

French thanked his family, fellow shipmates and mentors throughout his career, and welcomed Smith to CNIC recognizing the talent and commitment of Smith's new staff. Prior to the ceremony, Smith was promoted to Vice Admiral to serve as Commander, Navy Installations Command.

He is the first former installation commanding officer to lead CNIC.

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Smith shared his enthusiasm about taking on greater responsibility to lead the Navy's shore enterprise. "CNO, thank you for your kind words," he said. "I'm honored and deeply humbled by your faith and confidence for this opportunity for continued service to our Navy and our nation."

A native of Connecticut, Smith was commissioned through the Naval Academy in 1983. He was designated as a surface warfare officer in 1985 and then went on to serve aboard five surface combatants and held five shore assignments. Later in Smith's career he went on to

lead shore installations as the commander for three Regions including Naval Surface Group Middle Pacific, Navy Region Hawaii, Navy Region Southwest, and most recently, Region Mid Atlantic prior to arriving in Washington, D.C.

Smith thanked French for a smooth transition and emphasized his commitment to service through action.

"I'm happy to report that as I assume this watch, that thanks to Vice Admiral Bill French, CNIC is on course, focused on fully supporting CNOs tenets of warfighting first, operating forward, and being ready," said Smith. "CNIC will maintain that course."

Smith offered that he is ex-

cited to join the CNIC family. "I consider it a privilege to lead and serve you," he said. "To those who serve, the only reason we at CNIC exist is to support you. You have my promise and commitment to do just that."

Leading a world-class enterprise, CNIC is responsible for managing shore installation support for the Navy's fleet, fighter and family under the Chief of Naval Operations.

For more news and information about CNIC, visit <http://www.cnic.navy.mil/> or <http://www.facebook.com/NavyInstallations/>

What is your favorite tourist destination on Kauai?



"Hanalei Bay, great waves, great bars, and it's where I met my girlfriend."

AWF2 Ian Gottron
Air Ops



"Any beach in Poipu, the beaches are clean and the water is blue."

Erika Teves-Valdez
Aircraft Mechanic, Croman



"Salt Pond, nice place to stand-up paddle and swim. Also easy place to do some grilling on the beach."

Denis McMonagle
Ground Electronics
Maintenance Officer



"Costco....you said favorite place to watch tourists? Seriously though, MJ and I like to hike."

John Burger
Range Sustainment
Coordinator

Wish you were here - Photos from the Fleet



(TOP) SAN DIEGO (Nov. 11, 2014) Sailors from many commands assigned in the San Diego area march during the San Diego Veteran's Day Parade with the theme, A Tribute to Veterans of Afghanistan & Iraq Wars. President Eisenhower dedicated November 11 as Veterans Day in 1954, and called upon all citizens to participate. (U.S. Navy photo by Mass Communication Specialist 3rd class Eric D. Moorer/Released)

(BOTTOM LEFT) MEMPHIS, Tenn. (Nov. 6, 2014) Yeoman 3rd Class Erin Goodwin, chief of staff yeoman for Navy Recruiting Command, delivers a stuffed animal to a patient at Le Bonheur Children's Hospital during a volunteer event. The command collected more than 150 stuffed animals to deliver to patients at the hospital. (U.S. Navy photo by Mass Communication Specialist 3rd Class Tyler R. Fraser/Released) **(BOTTOM RIGHT)** BOSTON (Nov. 11, 2014) Cmdr. Sean D. Kearns, 73rd commanding officer of USS Constitution, from Hampden, Maine, hands out American flags to children while marching in the 2014 Boston Veteran's Day Parade. Marching on Veteran's Day in commemoration of all U.S. service members who have fought for their country is an annual tradition for the crew of the 217-year-old warship. (U.S. Navy photo by Mass Communication Specialist 2nd Class Peter Melkus/Released)

