



PMRF Sailors March in Veterans Day Parade



By PMRF Public Affairs, photos by MC2 Mathew Diendorf

Sailors assigned to PMRF march in the Kauai Veterans Day Parade in Kapa'a.

More than 30 Sailors assigned to the Pacific Missile Range Facility (PMRF) marched in the 45th annual Veterans Day Parade in Kapa'a, Nov. 2, honoring Hawaii's National Guard.

"It feels good to see this many people out supporting our veterans," said Afghanistan war veteran and Active Duty Sailor assigned to PMRF, Chief Hospital Corpsman James Oglesby. "It's an honor to have PMRF participate in the parade each year."

PMRF's color guard unit led the parade consisting of more than 60 marching units, floats, bands, and military vehicles. The parade

route started at the Kapa'a small boat harbor and finished at Kapa'a Beach Park. An estimated 1,000 spectators lined the streets to cheer on the participants -- which included representatives of the Navy, Air Force, Army, Marines, Coast Guard and National Guard.

The theme for this year's parade was "Honoring the Men and Women who have served and are serving the Hawaii Air National Guard and the Hawaii Army National Guard." The Grand Marshal was Richard Kashiwabara, one of Kauai's own who had served in both of these organizations.

The Reviewing Officer was Maj.

Gen. Darryll Wong, the Adjutant General for the State of Hawaii's National Guard, who said the United States has close to 380,000 National Guard members serving around the world.

On Veterans Day, Monday, November 11 at 11 a.m. at the Hanapepe Veterans Cemetery, there will be a memorial ceremony to honor veterans. PMRF Commanding Officer, Capt Bruce Hay, will be the guest speaker and Kauai Mayor, Bernard Carvalho will also provide remarks.

See Parade on Page 9 for photos

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.



Photo by Stefan Alford

During a simulated aircraft crash, Lt. Ely Fletcher relives his high school musical days, where he played "Kenickie" in the hit Grease, but his performance fell short -- like most overzealous actors, he couldn't decide how to die.

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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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Navy celebrates 238 years

By Rear Adm. Rick Williams,
Commander, Navy Region Hawaii
and Naval Surface Group Middle
Pacific

On Oct. 13, we celebrated the birth of our Navy.

In 1775, the Continental Congress called for two ships to be built, under the control of Gen. George Washington. Soon other ships would be built and would fight in the name of independence and freedom from tyranny.

It's been said that the United States Army-with its citizen soldier militia- was born from the land. Similarly, the Navy was born from the sea, as privateers and merchants banded together to fight for freedom of commerce. We've been defending the seas ever since.

Inspiring namesakes

Here in Hawaii our ships of MIDPAC show how that history has evolved.

Consider these namesakes:
USS Paul Hamilton (DDG 60) – Paul Hamilton fought in the American Revolution.

He became Secretary of the Navy, including in the first months of the War of 1812.

USS Lake Erie (CG 70) – One year into the War of 1812, the U.S. Navy achieved victory in the Battle of Lake Erie, whose bicentennial was commemorated last month.

USS Port Royal (CG 73) – One of the earliest amphibious operations of the Civil War was the Battle of Port Royal in South Carolina, a victory for President Lincoln.

USS Chung-Hoon (DDG 93) – Rear Adm. Gordon Pai'ea Chung-Hoon commanded USS Sigsbee in WWII and received



(October 11, 2013) Lt. Cmdr. John Baise and Aviation Support Equipment Technician 3rd Class Josh Joiner share the honor of making the first cut to the birthday cake during PMRF's celebration of the 2013 Navy Ball. It is tradition for the youngest and oldest Sailor to cut the cake signifying the passing of traditions from one generation of Sailors to another. (Photo by MC2 Mathew Diendorf)

the Navy Cross and Silver Star for conspicuous gallantry and extraordinary heroism.

USS Halsey (DDG 97) – One hundred years ago, 1913, William "Bull" Halsey commanded a torpedo flotilla. He earned a Navy Cross in the First World War and 71 years ago this month, he took command in the South Pacific during the Guadalcanal Campaign in WWII under Fleet Adm. Nimitz.

USS O'Kane (DDG 77) – Submarine commander, prisoner of war and Medal of Honor recipient Rear Adm. Richard H. O'Kane was officially recognized for sinking 24 enemy ships in WWII.

USS Chosin (CG 65) – Marines of the First Marine Division fought one of the most renowned battles in modern warfare in the Battle of Chosin Reservoir during the Korean War in the winter of 1950.

USS Chafee (DDG 90) – Marine veteran of Guadalcanal and the

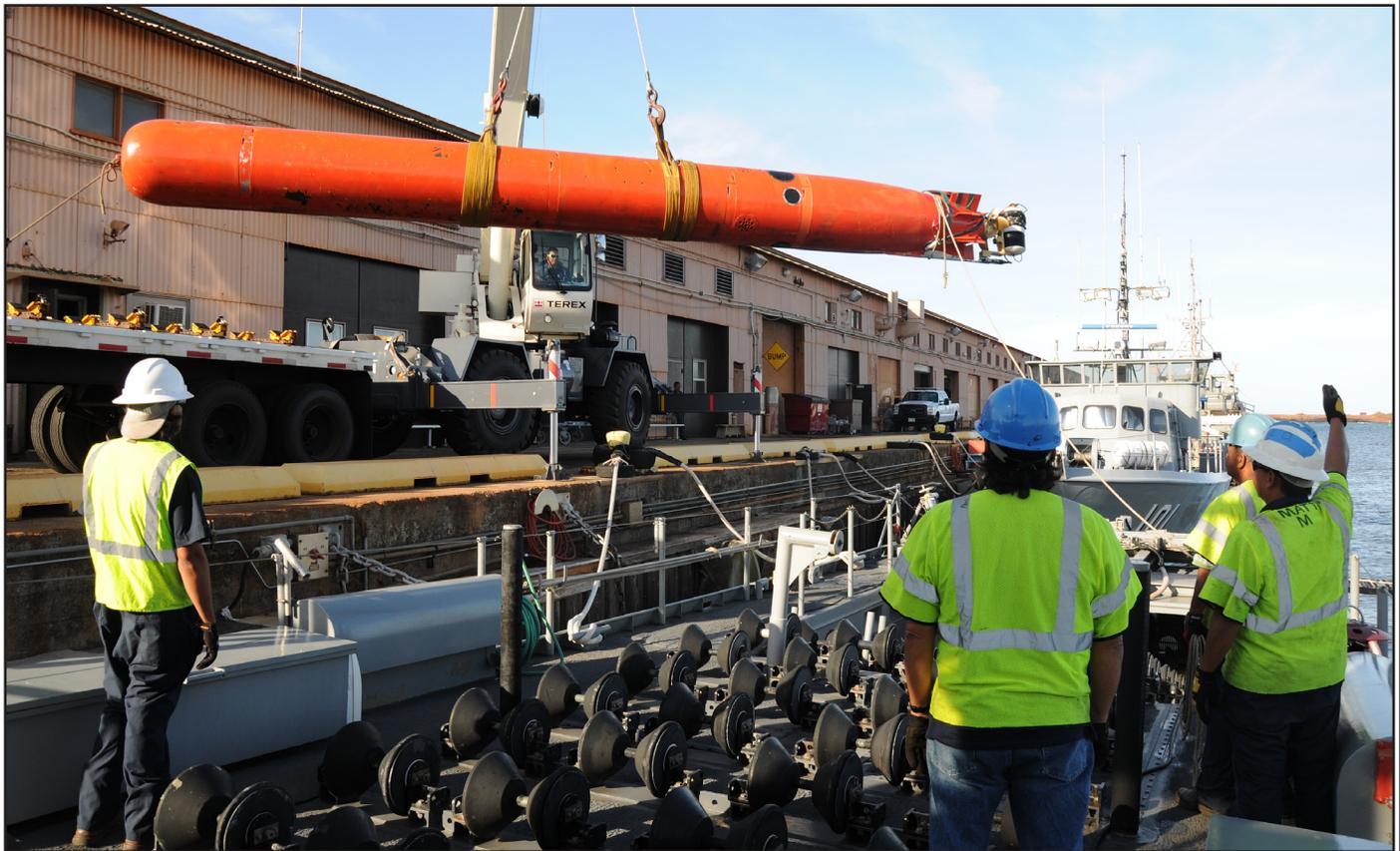
Battle of Okinawa, John L. H. Chafee, was also governor and senator from Rhode Island. He served as Secretary of the Navy in the late '60s, appointing Adm. Elmo Zumwalt as CNO during Vietnam.

USS Hopper (DDG 70) – Rear Adm. "Amazing" Grace Hopper was a pioneer in computer languages who, through her work, helped us win the Cold War and provide a cyber advantage for our country.

USS Michael Murphy (DDG 112) – Faced with a moral dilemma while on patrol in Afghanistan, Lt. Michael Murphy, with ties to 9/11, showed honor, courage and commitment, putting himself at risk to try to save his fellow SEALs. He was awarded the Medal of Honor posthumously.

Birthday continued on Page 7

Civilian Sailors play intricate part in PMRF mission



Story and photos by MC2 Mathew Diendorf PMRF Public Affairs

Weapon Recovery Boats (WRB) assigned to the Pacific Missile Range Facility (PMRF) play an intricate part in the test and training events that take place on the 42,000 square miles of open ocean that makes up the PMRF training range.

Consisting of a five-man crew, the WRBs launch and recover various underwater targets and inert torpedoes for training the U.S. Navy and foreign Navies from around the world.

"The Hollywood exercises make up our busiest times of the year," said Senior Deckhand Solomon Ruiz. "We would typically be out to sea for two weeks straight."

Hollywood is a two-week exercise, which occurs every year in February and August. The exercise trains future submarine commanding officers and

executive officers in a series of events to refine tactics, techniques, and procedures of individual and multiple units. The WRBs support Hollywood by recovering reusable inert torpedoes.

WRB 101, 102 and Torpedo Recovery Boat (TRB) 833 conduct the recoveries of many different types of units; an MK 46 torpedo which is launched from a surface ship or an Anti-Submarine Warfare (ASW) aircraft, an MK 48 torpedo which is launched from a submarine, an MK 54 torpedo, a newer version of the MK 46, and an MK 30 underwater target.

"The 833 uses a crane to recover the MK 54s because the nose of the target is oddly shaped," Ruiz said. "It would get hung up in the rollers of 101 or 102."

In addition to recovering the various targets and weapons, the

WRBs also launch the MK 30 target. After the target is transported from PMRF via a flat-bed truck, the 20ft-long submersible is loaded onto the launcher of the WRB and strapped down before transiting out to the training range.

"The Launch process is pretty simple," Ruiz said. "After preparing the launcher we take off the straps, power it up and the electronics tech releases the target." The target then falls into the ocean and starts its mission.

The MK 30 is a fleet ASW training target for training Navy surface ships, submarines and aircraft that is capable of simulating submarine threats anticipated in today's coastal warfare environment.

After the target completes its

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WRB continued from Page 4

(LEFT) Solomon Ruiz, WRB 102 senior deckhand, launches a MK 30 underwater target. (ABOVE) Ruiz watches as an MK 30 underwater target is pulled through the well deck.

mission, it will surface on its own. Range operations, who are also tracking the target, will give the WRB a heading to its location. The 2,700 pound unit surfaces and bobs in the water with only a small portion of its 20ft coming out of the water. "Out rider (control tower) control steers us to the unit and one of the deckhands will hook onto the target with a line," Ruiz said. "We will then attach it to the winch and pull it up through the well deck, strap it down and head on back to Port Allen."

The crew isn't only recovering targets on the range; over the years they have been called to assist a few vessels in distress.

"You never know what is going to happen, our day is unpredictable," said Matias Munar, Chief Engineer. "That's what I love about this job, it could be a short day, a long day, you could get a call to go out and rescue somebody. We've towed a few boats in that were stranded. One was during RIMPAC, about a dozen Kauai Sea Scouts were out and their boat's batteries died and we ended up towing them

back to Port Allen. Another one was a catamaran whose motor went down and they were drifting ashore. It was right next to Shenanigans, about 20 yards off shore. We reversed the WRB threw a line to them and towed them to Port Allen as well."

"We help to provide the only location in the world where the men and women of our armed forces can safely train using a variety of equipment, weaponry or tactic, day or night," said Matthew Faria, WRB 102 captain. "It's an honor to serve such a unique mission."

(BELOW) WRB 102 Captain, Matt Faria, reverses the boat to a surfaced MK 30 underwater target in order to recover the unit. (RIGHT) WRB 102 members hook a line to an MK 30 underwater target before pulling it through the well deck.



Response crews train for aircraft emergency

Photos by Stefan Alford PMRF Public Affairs



PMRF emergency responders conducted a successful joint exercise Oct. 25 with the Kauai Fire Department from Waimea. The scenario involved an aircraft incident on the base runway and also trained crews in extraction procedures.



Civilian Awards



The pictured employees were presented with a "Make a Difference" award from Range Systems department head, Tam Tran. (CLOCKWISE FROM TOP LEFT) Abraham Nihipali, Bruce Newport, Denise and Alan Chun, Cora Saligumba, Liz Stewart.

Birthday continued from Page 3

Historic installations

These ships are homeported at historic Pearl Harbor-Hickam. Hundreds of other operational and support commands, headquarters and tenants are homeported here in Hawaii, too. We salute their achievements during this Navy birthday celebration.

Our installations continue to make history in this decade. In 2010, Hickam Air Force Base joined with Naval Station Pearl Harbor to become JBPHH, form-

ing a truly historic air-sea team here on Oahu. This year, promoting fitness and readiness, the joint base achieved a tremendous milestone as one of a handful of installations chosen for the DOD Healthy Base Initiative.

The Pacific Missile Range Facility at Barking Sands, Kauai began as Army's Mana Airport in 1940 and became an Air Force base in the '50s, gradually transitioning to the Navy.

Today, PMRF, in partnership with local residents, farmers and fishermen, has built a model of opera-

tional readiness and environmental stewardship. We continue to provide state-of-the-art testing and training there and, with the Missile Defense Agency, we continue making history.

The strategic rebalancing of forces and resources to Indo-Asia-Pacific is part of our unfolding history. Region and MIDPAC remain invested in defending freedom here, and our readiness is the testament of that commitment.

Happy birthday, Navy!

PAC Fleet conducts mine exercise on PMRF range



From Commander Submarine Force, U.S. Pacific Fleet Public Affairs

The U.S. Navy's Pacific Submarine Force recently honed its operational proficiency during a submarine-launched mobile mine exercise (SLMM-Ex) conducted off the coast of Kauai at the Pacific Missile Range Facility (PMRF).

SLMM-Ex was designed to demonstrate the capability of a Los Angeles-class submarine to successfully launch Mk-67 SLMMs used specifically for destroying and/or disrupting enemy ships. The MK-67 SLMM was developed as a submarine-deployed mine for use in areas inacces-

The Los Angeles-class fast attack submarine USS Charlotte (SSN 766) returns to Joint Base Pearl Harbor-Hickam from a six-month deployment to the western Pacific. (U.S. Navy photo by Mass Communication Specialist 1st Class Jason Swink)

sible for other mine deployment techniques or for covert mining of hostile environments.

This end-to-end demonstration began with the training of a Los Angeles-class submarine crew to handle and launch Mk 67 SLMMs. The training included SLMM weapons handling and certification using training shapes and walk-through events, including a simulated launch. The exercise culminated in the actual launch of inert Mk 67 SLMM exercise mines off PMRF.

The Mk-67 SLMM is a submarine-launched mine in service

with the Navy.

"Conducting exercises like these ensures the operational readiness of the submarine force," said Rear Adm. Phil Sawyer, commander of Submarine Force, U.S. Pacific Fleet.

"It further ensures that our submarines stand ready to provide critical access to the world's ocean trade routes, provide credible defense against any hostile maritime forces, and project power from the sea to the shore when needed," he said.

Parade continued from Page 1



(TOP) Cmdr. Juan Garcia waves to the crowd during the 45th annual Kauai Veterans Day parade. (LEFT) A veteran renders a salute during the singing of the national anthem. (RIGHT) Capt. Bruce W. Hay greets Kauai county Mayor, Bernard Carvalho prior while marching in the Veterans Day parade.

PMRF, MDA and Lake Erie conduct two intercepts in 15 days

By MC2 Mathew J. Diendorf, PMRF Public Affairs and ENS Natalie Schimelpfenig USS Lake Erie Public Affairs

The Pacific Missile Range Facility on Kauai and the USS Lake Erie (CG 70), participated Oct. 2 in the second successful operational flight test of the Aegis Ballistic Missile Defense (BMD) system in 15 days.

The tests, called Flight Test Standard Missile (FTM), were conducted with the U.S. Navy Sailors of the USS Lake Erie, in conjunction with the Missile Defense Agency and the U.S. Pacific Fleet.

"FTM-22 was unique because of the little amount of time we had to prepare for the mission, but the pride we can now take from a job well done was well worth the effort. It would not have been possible without the highly skilled Sailors I had the honor of working with," said Lt. j.g. "Billy" Goodyear, Lake Erie's fire control officer.

USS Lake Erie, with a crew of 351 Sailors, is commanded by Capt. John S. Banigan. The result was the successful intercept of a medium-range ballistic missile target over the Pacific Ocean by the Aegis BMD 4.0 Weapon System and a Standard Missile-3 (SM-3) Block IB guided missile.

"Two intercept tests conducted in 15 days is a testament to the dedication of MDA, U.S. Navy and PMRF to the mission," said Cmdr. Juan Garcia, PMRF range operations officer. "Where usually we have about a month prep time to conduct one ballistic missile test, we prepped and conducted two intercepts." The primary objective of FTM-21

was to conduct a lethal engagement of an unguided short range ballistic missile target with the Aegis BMD Weapon System and an SM-3 Block IB missile. FTM-22's objective was to engage an unguided medium range ballistic missile target.

FTM-22 began with an Aegis BMD ship, in this case the Lake Erie, receiving operational intelligence that simulated hostile forces are making preparations to take aggressive action against a friendly nation. The ship's mission is to protect a defended area or deployed forces from ballistic missile attacks.

The ship's crew uses this intelligence information with the Aegis BMD mission planner to determine an acceptable ship patrol area (ship operating area) along with recommended search sectors for the radar. The timing of the threat target launch is not revealed to any of the participants.

The target is launched from PMRF and the SPY-1 radar searches and detects the target as it enters the radar search sector. Shortly after the target is detected and declared engageable by the weapon system, a fire control solution is calculated and the ship's crew fires the SM-3 Block IB missile.

The system tracks the SM-3 missile throughout the remainder of its flight, while also transmitting track data to the Aegis BMD laboratory at Space and Naval Warfare Center (SPAWAR).

The two tests exercised the latest version of the second-generation Aegis BMD Weapon System,

capable of engaging longer range and more sophisticated ballistic missiles.

"PMRF is a national treasure," Garcia said. "Nowhere else in the world, can you perform this type of testing and training." Garcia added that other ranges have to compete with much higher levels of commercial aviation and water traffic. "We don't have the same issues as other training ranges because we are so remote."

PMRF is the world's largest instrumented multi-environment range capable of supporting surface, subsurface, air, and space operations simultaneously.

There are more than 1,100 square miles of instrumented underwater range and more than 42,000 square miles of controlled airspace – and when needed, up to 2.1 million square miles of temporary range space.

FTM-22 was the fifth consecutive successful intercept test of the SM-3 Block IB guided missile with the Aegis BMD 4.0 Weapon System. Findings of operational tests, FTM-21 and 22, will support follow-on production decisions for the SM-3 Block IB guided missile.

FTM-22 is the 28th successful intercept in 34 flight test attempts for the Aegis BMD program since flight-testing began in 2002. Across all Ballistic Missile Defense System programs, this is the 64th successful hit-to-kill intercept in 80 flight test attempts since 2001.

Aegis BMD is the naval component of the MDA's Ballistic Missile Defense System.

Thanksgiving Safety

THINK
SAFETY IS
EVERYBODY'S
JOB

The kitchen is the heart of the home, especially at Thanksgiving. Kids love to be involved in holiday preparations. Safety in the kitchen is important, especially on Thanksgiving Day when there is a lot of activity and people at home.

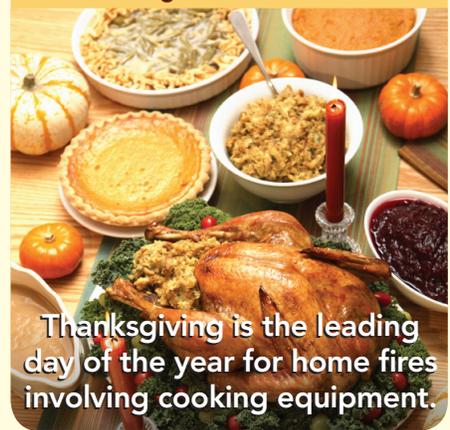
- » Stay in the kitchen when you are cooking on the stovetop so you can keep an eye on the food.
- » Stay in the home when cooking your turkey and check on it frequently.
- » Keep children away from the stove. The stove will be hot and kids should stay 3 feet away.
- » Make sure kids stay away from hot food and liquids. The steam or splash from vegetables, gravy or coffee could cause serious burns.
- » Keep the floor clear so you don't trip over kids, toys, pocketbooks or bags.
- » Keep knives out of the reach of children.
- » Be sure electric cords from an electric knife, coffee maker, plate warmer or mixer are not dangling off the counter within easy reach of a child.
- » Keep matches and utility lighters out of the reach of children — up high in a locked cabinet.
- » Never leave children alone in room with a lit a candle.
- » Make sure your smoke alarms are working. Test them by pushing the test button.



Your Source for SAFETY Information

NFPA Public Education Division • 1 Batterymarch Park, Quincy, MA 02169

Did you know?



Thanksgiving is the leading day of the year for home fires involving cooking equipment.

Have activities that keep **kids out of the kitchen** during this busy time. Games, puzzles or books can keep them busy. Kids can get involved in Thanksgiving preparations with recipes that can be done **outside** the kitchen.

www.nfpa.org/education

Wish you were here - Photos from the Fleet



(TOP LEFT) BATH, Maine (Oct. 28, 2013) The Zumwalt-class guided-missile destroyer DDG 1000 is floated out of dry dock at the General Dynamics Bath Iron Works shipyard. The ship, the first of three Zumwalt-class destroyers, will provide independent forward presence and deterrence, support special operations forces and operate as part of joint and combined expeditionary forces. The lead ship and class are named in honor of former Chief of Naval Operations Adm. Elmo R. "Bud" Zumwalt Jr., who served as chief of naval operations from 1970-1974. (U.S. Navy photo courtesy of General Dynamics/Released) (TOP RIGHT) MEDITERRANEAN SEA (Oct. 28, 2013) Sailors sweep water across the flight deck aboard the aircraft carrier USS Nimitz (CVN 68) during a flight deck scrub. Nimitz is deployed supporting maritime security operations and theater security cooperation efforts in the U.S. 6th Fleet area of responsibility. (U.S. Navy photo by Mass Communication Specialist Seaman Derek A. Harkins/Released) (BOTTOM) The Arleigh Burke class guided-missile destroyer USS Nitze (DDG 94) successfully launches its missile Oct 22. Nitze is conducting a series of work-up exercises in preparation for its upcoming deployment. (U.S. Navy Photo by MC1 Isaiah Sellers III/Released)

