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THE Periscope

KINGS BAY, GEORGIA

Vol. 48 • Issue 42

www.cnrc.navy.mil/kingsbay

kingsbayperiscope.jacksonville.com

Thursday, October 31, 2013

Sub Vets' Memorial Service Friday

At WW II Submarine Vets Memorial Pavilion starting at 10 a.m.

By MC2 Cory Rose
 Naval Submarine Base Kings Bay Public Affairs Office

Submarine Veterans will participate in the United States Submarine Force World War II Memorial Service, at 10 a.m., Friday, Nov. 1 at the World War II Submarine Veterans Memorial Pavilion, outside Trident Training Facility on

board Naval Submarine Base Kings Bay. Capt. Stephen Gillespie, Deputy Commander and Chief of Staff, Submarine Group Ten, is the scheduled guest speaker for the Memorial Service.

Other scheduled participants, subject to change, will be Capt. Ed Mayer, Commanding Officer USS Florida (SSGN 728). He will present the preamble. Submarine Group 10 Command Master Chief Shaun Garvin will be master of ceremonies.

Capt. Steve Hall, Deputy Commodore

See Sub Vets, Page 3



The 2012 Submarine Veterans of World War II Memorial Service for lost boats and shipmates at the World War II Submarine Veterans Memorial Pavilion, NSB Kings Bay. Navy photo



USS West Virginia completes overhaul

The Ohio-class ballistic-missile submarine USS West Virginia (SSBN 736) departs Norfolk Naval Shipyard in Portsmouth, Va., following an engineering refueling overhaul. West Virginia is permanently homeported in King's Bay.

Navy photos by MC2 Ernest R. Scott



Horror with a cause

NSB's Seabees' haunted house supports ball

By Laura Jefferson
 Special to The Periscope

The Seabees of Naval Submarine Base Kings Bay were busy the early weeks of October, planning their annual haunted house.

Nearly 50 of them worked together to bring a night of horror to military families and friends for the 14th consecutive year.

At a cost of \$3 per person, the funds from the haunted house are used to support the annual Seabee's Ball.

"The Haunted House was so scary, 17-year-old Camden High School student Ashanti Jeff-Mapp said. "There was a joker and Jason hiding in the woods. I've been to the Jacksonville Zoo haunted house, and this was far better. My money was definitely well spent."

Operations Chief Steven Maldonado said they designed the haunted house for sheer terror, but safety remained a top priority.

Some of the Seabees who helped build this year's haunted house were first-time participants. Others, like EO2 Michael Ivey, who has contributed

See Haunted, Page 7

Women assigned to SSNs

Fast attacks USS Virginia, USS Minnesota first to integrate female officers

From Defense Media Activity — Navy

The fast attack submarines USS Virginia (SSN 774) and USS Minnesota (SSN 783) have been selected as the initial two Virginia-class submarines to integrate female officers, announced Oct. 15.

A total of six female officers, two Supply Corps and four nuclear-trained, will report aboard no later than January 2015.

Both submarines are homeported in Groton, Conn.

"Female officers serving aboard Virginia-class submarines is the next natural step to more fully integrate women into the submarine force," Secretary of the Navy Ray Mabus said. "There are many extremely talented and capable women with

a desire to succeed in this field and the submarine force will be stronger because of their efforts. Our Navy has proven over the years that one of our greatest advantages is our diversity. This is an advantage we should capitalize on across all platforms, including submarines."

Since the Navy officially changed its policy prohibiting women from serving on submarines on April 29, 2010, the submarine force has integrated 43 women onto six Ohio-class ballistic-missile (SSBN) and guided-missile submarines (SSGN).

Further Virginia-class integration is being planned in the submarine force.

"My plan is to begin by integrating four Virginia-class attack submarines, with the second set of two units being integrated in Fiscal Year 2016," said Vice Adm. Michael Connor, commander, Submarine Forces. "Since Virginia and Minnesota are both Atlantic Fleet submarines home ported in Groton, Conn., I intend to select two Pacific Fleet submarines home ported in Pearl Harbor, Hawaii early next year."



USS Minnesota (SSN 783) conducting sea trials. USS Minnesota (SSN 783) and USS Virginia (SSN 774) have been selected to integrate female officers.

The female officers will be assigned to the Virginia-class submarines for duty after completing the nuclear submarine training pipeline, which consists of nuclear power school, prototype training and the Submarine Officer Basic Course.

Submarines with women currently

serving on board are USS Florida (SSGN 728), USS Georgia (SSGN 729) and USS Wyoming (SSBN 742), homeported in Kings Bay, Ga., and USS Ohio (SSGN 726), USS Louisiana (SSBN 743), and USS Maine (SSBN 741), homeported in Bangor, Wash.



Local news and views

Naval Submarine Base, Kings Bay, Ga.



Now hear this!

NMCRS Budget 4 Baby Nov. 7

The Navy-Marine Corps Relief Society's Budget 4 Baby Class is Nov. 7. Learn what expenses you should plan for and how to make wise financial decisions, where you can find the best prices on diapers and formula, and what baby furniture you will need. At the workshop, you'll receive a Junior Sea Bag, which includes layette items like crib sheets, onesies and a baby blanket handmade by a Society volunteer. To register, call (912) 573-3928.

Veteran Job Fair Nov. 7 in Jax

RecruitMilitary will have a Veteran Job Fair 11 a.m. to 3 p.m., Thursday, Nov. 7 in Jacksonville at Everbank Field. For more information, visit www.prlog.org/12221360-job-fair-for-veterans-scheduled-for-jacksonville-on-november-7.html

Kingsland plans Vets Day salute

VFW Post No. 8385 will host the annual Veterans Day Parade at 10 a.m., Nov. 11 in downtown Kingsland. At the conclusion of the parade, all are invited to the Kingsland Veterans Memorial Park for the 11 a.m. "Spouse House" pavilion dedication ceremony, followed by a southern fried catfish dinner at the Kingsland Depot Pavilion, 200 E. King Ave. in downtown Kingsland.

Camden Partner Golf Nov. 7

The Camden Partnership's Inaugural Kings Bay/Camden Community Golf Classic begins with registration and brunch 10 to 11:30 a.m., Thursday, Nov. 7 at Trident Lakes Golf Course on board Naval Submarine Base Kings Bay. Best Ball play begins at noon. All funds raised will benefit the Dolphin Scholarship Foundation, St. Marys Submarine Museum and The Camden Partnership. For more information, contact Marty Klumpp at martyklumpp@tds.net or (912) 227-2148.

Student rewards back at NEX

In the Navy Exchange's A-OK Student Reward Program qualified students participate quarterly drawings for monetary awards of \$2,500, \$1,500, \$1,000 or \$500 for a total of \$5,500 per quarter for college. The next drawing will be at the end of August. Any eligible full-time student that has a B-grade point average equivalent or better may enter. Eligible students include dependent children of active duty military members, reservists and military retirees enrolled in first through 12th grade. Each student may enter only once each grading period and must re-enter with each qualifying report card. To enter, stop by any NEX with a current report card and have a NEX associate verify the minimum grade average. Fill out an entry card and obtain an A-OK ID, which entitles the student to discount coupons for NEX products and services. Since the program began, NEXCOM has awarded more than \$611,000 in Series EE U.S. savings bonds and monetary awards with the help of its generous vendor partners.

Base lost & found has found items

There is lost and abandoned property, such as watches, rings and cell phones, at Naval Submarine Base Kings Bay Navy Security. If you have any information reference to any items, contact Detective Michael Palmer, Monday through Friday, at (912) 573-9343 or by e-mail, Michael.j.Palmer@Navy.mil.

Habitat build poker run Nov. 16

The Habitat Ride to Build Poker Run, benefiting Habitat for Humanity of Camden County, will be Nov. 16. The ride begins and ends at VFW of Kingsland. Cost is \$20 for rider and one passenger, one poker hand, cook-out, music. For more information, contact Haylinder at (912) 552-4563.

Celtic Festival Nov. 16 in Jax

The upbeat music, lively dancing, rugged Highland games and cuisine of the colorful Celtic culture will be offered at the Jacksonville Celtic Festival, a free event noon to 10 p.m. Saturday, Nov. 16 at the oceanfront SeaWalk Pavilion, 75 1st St. N., Jacksonville Beach, Fla. For more information, visit jacksonvillecelticfestival.com/

Suggestions for The Periscope?

Do you see an event on base you think deserves coverage in the Periscope? Let us know by calling editor Bill Wesselhoff at 573-4719 or e-mail periscopekb@comcast.net.

Branch Health Clinic offers flu shots

By Yan Kennon
Naval Hospital Jacksonville Public Affairs
Senior Writer

Naval Branch Health Clinic Kings Bay is now providing annual influenza vaccine to service members, retirees and families.

The flu vaccine is required for all active duty military personnel, selected reserves and healthcare workers, and is recommended by Centers for Disease Control and Prevention for everyone age six months and up. It's the first and most important step in protecting against flu viruses.

According to CDC, seasonal epidemics of influenza occur every year in the United States, usually between October and April. Typically, epidemics cause thousands to tens of thousands of deaths and about 200,000 hospitalizations each year in the U.S.

A vaccine to prevent influenza has been available since the 1940s, yet some patients don't take the time to get the vaccine, even after the recent

NBHC Kings Bay

2009 H1N1 global pandemic — the first such pandemic in more than 40 years.

Influenza is a virus that infects the nose, throat, windpipe and lungs. It is highly contagious, spreading from person to person by coughing, shaking hands, sneezing or talking closely with another person.

Typical flu symptoms include fever, chills, muscle aches, congestion, cough, runny nose and difficulty breathing. Flu can lead to more severe infections like pneumonia, especially in the elderly and the immunocompromised.

H1N1 flu virus has similar symptoms, sometimes also including vomiting and diarrhea, and can cause severe infections in younger patients, pregnant women and children.

NBHC Kings Bay offers two kinds of flu vaccine. Flu mist, an intranasal vaccine that is squirted into the nose,

can be given to healthy patients ages two to 49. The injectable vaccine, or flu shot, is given to pregnant moms, diabetic patients, asthmatics and anyone with a chronic medical condition such as emphysema.

The shot is safe for pregnant women at any time during pregnancy. Since babies aren't able to get the vaccine until age six months, mom is baby's best protection. Breast-feeding also helps protect babies, thanks to the protective flu antibodies that appear in mom's milk about two weeks after immunization.

At NBHC Kings Bay, patients can walk-in for flu vaccine 7 a.m. to 3 p.m., Monday through Friday. Flu vaccine walk-ins will be conducted from 7 to 11 a.m. only, on the last Friday of each month, to facilitate command training.

For more information, visit www.cdc.gov.

To find out more about NBHC Kings Bay, visit the command Web site at www.med.navy.mil/sites/NavalHospitalJax.

Don't let fleas drive your pet crazy

Flea allergy dermatitis or sensitivity to fleas is a common issue in veterinary medicine.

We call it the *pants off* allergy because the itching and subsequent hair-loss tends to start at the base of the tail and progresses down both back legs, making them look like they aren't wearing their "pants."

It can be seasonal in some parts of the country, but here in Georgia it has the potential to be a year-round issue.

Some dogs and cats are sensitive to the saliva of the flea, so when they are bitten it causes a local reaction. The reaction itches, causing the animal scratch and chew on his or herself.

It is important to know that for a sensitive animal, one flea bite can be enough to cause the itching.

Four-Legged World



By Capt. Lauren Seal, USA
Kings Bay Veterinarian

Your pet may be suffering from flea allergy dermatitis even if you don't see any fleas.

Once a pet starts chewing on his or herself, they

can cause an infection of bacteria and/or yeast on the surface of the skin. This infection then adds to the itching, making it a vicious cycle of itching and chewing.

This chewing and scratching is

known as self-trauma, and it can lead to hair loss, redness, formation of papules — little bumps on the skin — and more. This itching and scratching can lead to hot spots, which are a worsening of the superficial skin infection.

If you suspect that your pet may be sensitive to fleas, call your veterinarian. It is important to treat the skin infection and to take care of the fleas.

We typically recommend a good monthly flea preventive, as well as treating the home and possibly using a pill that kills fleas for 24 hours.

Feel free to contact the vet clinic here at Naval Submarine Base Kings Bay with questions or to schedule an appointment for your pet, at 573-0755.

Don't let fleas drive your pet crazy!

Physical Security to begin checks

From Kings Bay Physical Security Division

In an effort to establish positive access control measures at Naval Submarine Base Kings Bay, effective Nov. 4, National Crime Information Center background checks must be completed for all persons or groups that do not have access to NSB Kings Bay that will be attending special events on the base, to include weddings, receptions, birthday parties, retirements, change of commands, homecomings, sports and more.

A uniformed service member or government employee with a valid

Physical Security Division

Common Access Card, a military retiree with a valid DoD identification credential, or an adult dependent of at least 16 years of age with a valid DoD identification credential is allowed to sponsor any vehicle occupants without a NCIC background check.

All vehicle occupants 16 years of age and older must have a valid non-expired identification card. A valid escort may escort up to 10 guests. The escort must remain with his/her

guest at all times.

All guests list to be placed on the gates will be delivered to the SUBBASE Physical Security Division, Bldg. 2026, for review, NCIC background check and approval before being posted on the gates.

The guest list will include name of event, date, time, place and a point of contact to include a phone number. All guest lists must be received seven days in advance of the event.

The point-of-contact is Cheryl Parish at 573-9640 or Cheryl.parish@navy.mil or Randy Sewell at 573-4402 or Randy.Sewell.ctr@navy.mil.

FFSC workshops

facebook



Fleet and Family offers classes on site

FFSC will take most of its regular workshops on the road if a unit can furnish a conference room or classroom and guarantee a minimum of five participants. Additionally, personnel will tailor presentations to cover a unit's General Military Training requirements when those requirements deal with human resources and social issues. Counselors also can create a presentation in response to a unit's area of special concerns. Personnel are available to participate within areas of expertise in the indoctrination of newly assigned personnel and family members of active duty personnel. All classes listed here are held at the Fleet and Family Support Center, unless otherwise noted. Hours are 8 a.m. to 4:30 p.m., Mondays, Tuesdays, Wednesdays and Fridays and 9

a.m. to 4:30 p.m., Thursdays.

Retirement Planning program Nov. 7

This interactive program introduces the basic concepts of financial retirement planning, including the military retirement system and the new Thrift Savings Plan. It's 2 to 4 p.m., Nov. 7. Registration is required. Call 573-4513 to register.

Pre-marital workshop offered Nov. 6

The Fleet & Family Support Center is offering a workshop for pre-marital counseling for couples that are contemplating marriage. The workshop is designed to address couples interested in enriching their future through improved communication, problem-solving skills, financial planning and realistic expectations of marriage. The class is designed to

meet all clinical counseling requirements. The workshop is scheduled for 1 to 4 p.m. Nov. 6. Registration is required, and childcare is not available. For more information call 573-4512.

Parenting classes offered on Mondays

Are you frustrated with your children? Would you like suggestions on how to stop temper tantrums or how to get your teen to complete chores without asking them 14 times? We believe parents are the experts on their children. But, children don't come with a manual! So, sometimes you need help to figure out what to do with them. Meet with the parenting class from 9 to 11:30 a.m. on Mondays, Nov. 4, 18 and 25. Enrollment in this six-week class is

See FFSC, Page 3

THE **Periscope**
KINGS BAY, GEORGIA

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NSB Kings Bay Executive Officer
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The Kings Bay Periscope is an authorized newspaper published weekly on Thursdays for forces afloat, tenant commands, base military personnel and civilian employees of the Naval Submarine Base Kings Bay, Ga.

The editorial content of this newspaper is prepared, edited and provided by the public affairs office. News items and photos must be submitted by noon Thursday, seven days prior to publication. Event "briefs" must be submitted by noon Friday, six days prior to publication. The public affairs office, code CM4, is in building 1063. News ideas and questions can be directed to the editor by calling 573-4714 or 573-4719, or fax materials to 573-4717. All materials are subject to editing.

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The Kings Bay Periscope is published by The Florida Times-Union, a private firm, in no way connected with the Department of Defense, or the U.S. Navy, under exclusive contract with the U.S. Navy. The circulation is 10,000.

POSTMASTER: Send address changes to The Florida Times-Union, 1 Riverside Avenue, Jacksonville, FL, 32202.

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Advertisements are solicited by the publisher and inquiries regarding advertisements should be directed to:

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From Navy video

Coast Guardsmen from Coast Guard Cutter Maui rescue five Iranian mariners after they were found adrift in a life raft.

Adrift Iranians rescued

By SN Frank Iannazzo-Simmons and PO2 Walter Shinn

Coast Guard Cutter Maui public affairs.

While operating in the northern waters of the Arabian Gulf, a small vessel capsized in a remote area leaving five Iranian mariners stranded with no one to rescue them.

This was the scenario these men faced prior to their chance discovery by the crew of Coast Guard Cutter Maui.

Rescue did not come to their aid until this 110-foot Coast Guard cutter happened to come across the mariners whose lives were saved by the quick-thinking Coast Guard crew.

The crew, who had trained intensely for such a situation, swiftly moved into action in the early morning hours of Oct. 11, while assigned to Combined Task Force 152.

As the sun rose over the horizon, Petty Officer 1st Class Kevin Sweetman spotted a faint orange object floating in the distance. Once Sweetman reported the object, Maui's crew altered course to investigate.

As Maui approached the object, Sweetman was able to identify a man waving an orange flag.

"I waited a few seconds after realizing it was a man waving a flag," Sweetman said. "I had to be positive on what I was seeing before passing the information to the bridge."

Shortly after the bridge

team was notified of the sighting, an announcement was heard around the ship. The crew of Maui stepped into action relying on everything they had learned to this point in their careers.

"It seemed like a blur, we knew what we had to do and without hesitation our training kicked in as if it was instinct," said Seaman CJ Garza.

As Maui navigated closer to the person in the water, Sweetman was able to identify four more mariners lying in the raft.

The crew rescued the five Iranian mariners from the life raft within minutes after they arrived on scene.

One of the survivors informed the Maui on-scene leader that their Iranian dhow had capsized and they had been adrift.

With the five Iranian mariners safely aboard, the crew's focus shifted to providing medical treatment. Once all the survivors were provided initial first aid they were given food, water, blankets and clothing.

"I am very proud of my crew for the judgment they used and actions they took throughout the situation," said Lt. Earl Potter, commanding officer of Maui. "I think we were extremely fortunate to find these five men. They were all visibly weakened and suffering from extreme exposure when we got them aboard. I don't know how much longer they would have lasted."

Commander, Task Force 55 made initial arrangements for the mariners to be transferred to the Iranian Coast Guard ship Naji 7.

That evening Maui contacted the Naji 7 to work out the details of the transfer of the mariners.

"It was quite a day, including working with the Iranians to conduct a nighttime small-boat transfer," Potter said. "This case clearly demonstrates how flexible the Coast Guard is and another way we add value in this region."

"From the moment we arrived to the moment we transferred them to the Iranian coast guard vessel, the five mariners expressed their gratitude and relief that we were able to help them," said Petty Officer 2nd Class Mark Delacruz.

The Bahrain-based cutter and crew are currently assigned to Patrol Forces Southwest Asia and actively participate with CTF-152.

CTF-152 is one of three task forces operating under Combined Maritime Forces.

The partnership with the task force defines the service in being nationally deployed and globally connected bringing military expertise and response capability anywhere America's maritime interests extend.

In the case of the rescue of these five Iranians, the maritime interests extended to saving lives at sea.

Sub Vets

From Page 1

of Submarine Squadron 20, and Capt. John Carter, Commander, Submarine Squadron 16, will read the list of boats on Eternal Patrol, the 52 U.S. submarines lost in World War II, as well as USS Thresher (SSN 593), USS Scorpion (SSN 589) and British submarines.

Squadron 20 CMC Eddie Van Meter and Retired Master Chief Buddy Raquer will toll the bell. Squadron 16 CMC Mitch Burgin will sound the klaxon.

Lt. Cmdr. Sean Farrell (Ret.) will place the wreath.

Cmdr. Ted Fanning of Kings Bay's Chapel will

give the benediction and invocation.

NSB Kings Bay CMC Randy Huckaba will give the remembrance. CSC Kevin Calliste will present the POW/MIA Table.

The ceremony will include music by the Navy Band Southeast and Volume One from Camden County High School.

Friday's World War II Memorial Service will be followed at Trident Training Facility by a lunch, hosted by the TTF Chief Petty Officers Association, and tours.

About 230 Sub Vets and their family members are planning to attend.

"Each year we have the honor to host the World War II Submarine Memorial here at Naval Submarine Base Kings Bay," Kings Bay Command Master Chief Randy Huckaba

said. "It is the pinnacle of all events we do here for the submarine force, because we pay homage to those who have paid the ultimate sacrifice and paved the way for all future submariners. I can think of no better way to spend a week of tribute than to honor our veterans."

Friday evening, a 6 p.m. steak dinner sponsored by Trident Refit Facility Chief Petty Officer Association will be at the Kings Bay Goat Locker.

The Order of the Eagle's will host a Low Country Boil at the Eagle's Club in St. Marys at 3 p.m., Saturday, Nov. 2.

Every year, submarine veterans from around the country travel to Camden County and Naval Submarine Base Kings Bay to catch up with old friends and shipmates.

Ombudsman Basic Training coming

There will be Ombudsman Basic Training for prospective Ombudsman, new Ombudsman and Command Support Spouses at Fleet and Family Support Center Bldg. 1051, 9 a.m. to 5 p.m. Nov. 4 to 8. For more information and to register, call 573-4513.

Veterans Affairs rep visits Kings Bay

A Department of Veterans Affairs representative for Kings Bay is in the office from 8:30 a.m. to 2:30 p.m. Mondays, Wednesdays and Thursdays. Appointments are required. Service members wishing to participate in the Benefits Delivery at Discharge program should be within 60 to 180 days of discharge or retirement and be available for an exam by the VA. To set up an appointment, call Katherine Fernandez at 573-4506.

FFSC

From Page 2

ongoing. Attendees must complete all six weeks in order to receive a certificate. A minimum of six participants is needed in order for a new class to start. Registration required at 573-4512.

New Moms and Dads Support Group to meet

A New Mom's and Dad's Support Group will meet every Tuesday at the Fleet and Family Support Center throughout the month. These workshops are scheduled for 10 a.m. to noon, Nov. 5, 12, 19 and 26. This workshop is an opportunity to share experiences, meet and gain support from others, and exchange new ideas. To register, call 573-4512.

ONR researcher honored

By Eric Beidel
ONR Corporate
Communications

An assistant professor at the University of Southern California funded by the Office of Naval Research, is highlighted as one of this year's *Brilliant 10* young scientists and engineers Popular Science magazine's October issue.

The annual feature highlighted Dr. Andrea Armani, who-with support from ONR-could help the Navy save lives through new understandings of light and biology.

With steady backing from ONR, including both the Young Investigator Award Program and recognition under the Presidential Early Career Award for Scientists and Engineers, Armani has invented a range of devices that allow her to explore the nano-world of viruses, bacteria and DNA and their interactions with the environment.

One immediate application of her research is improving detection abilities of pathogens in different environments.

"She's developing the capabilities that will be used in future conflicts to keep Sailors and Marines out of harm's way," said Dr. Timothy Bentley, program officer in ONR's Warfighter Performance Department.

While biosensors like those created by Armani would give warfighters increased protection against biological threats on the battlefield, her research also holds implications for communications, preventative healthcare and more.

"ONR's support allows me to pursue high-risk research that ultimately has benefits in many areas," Armani said. "When you have that kind of encour-

agement, there's no end to what you can discover, and the next breakthrough could come when you least expect it."

She recently developed a sensor to detect ultraviolet light that could help fend off diseases associated with excessive exposure.

Given the simplicity of the detection mechanism, it has many potential applications, including water monitoring.

Now Armani and ONR are embarking on a new project to study the way cells communicate after damage from a blast incident. The findings could help scientists create biomarkers to better understand blast injuries and develop protective methods and therapies for traumatic brain injury, a problem faced by many



Armani

military service members. But ONR's research investment in Armani's work is making an impact beyond what happens on the battlefield, Bentley said.

"Dr. Armani attracts some of the brightest young researchers to work in her lab and makes a lot of connections through her work," he said. "This is invaluable as we build up our network of national and international scientists who carry our research from the military and into the world at large."

The Department of the Navy's Office of Naval Research 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.

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*CAPTAIN PHILLIPS (PG13)
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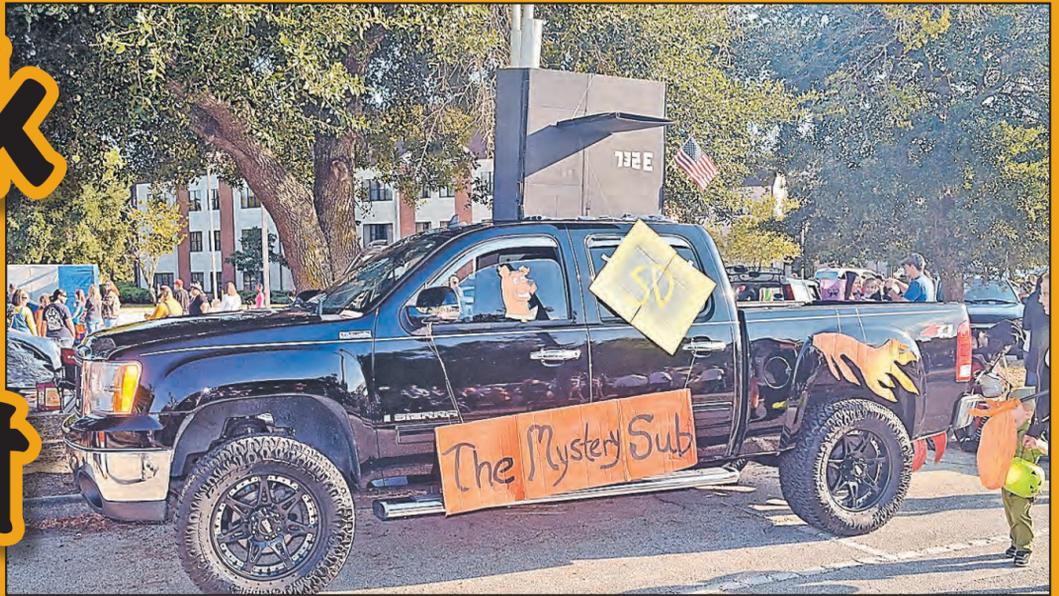
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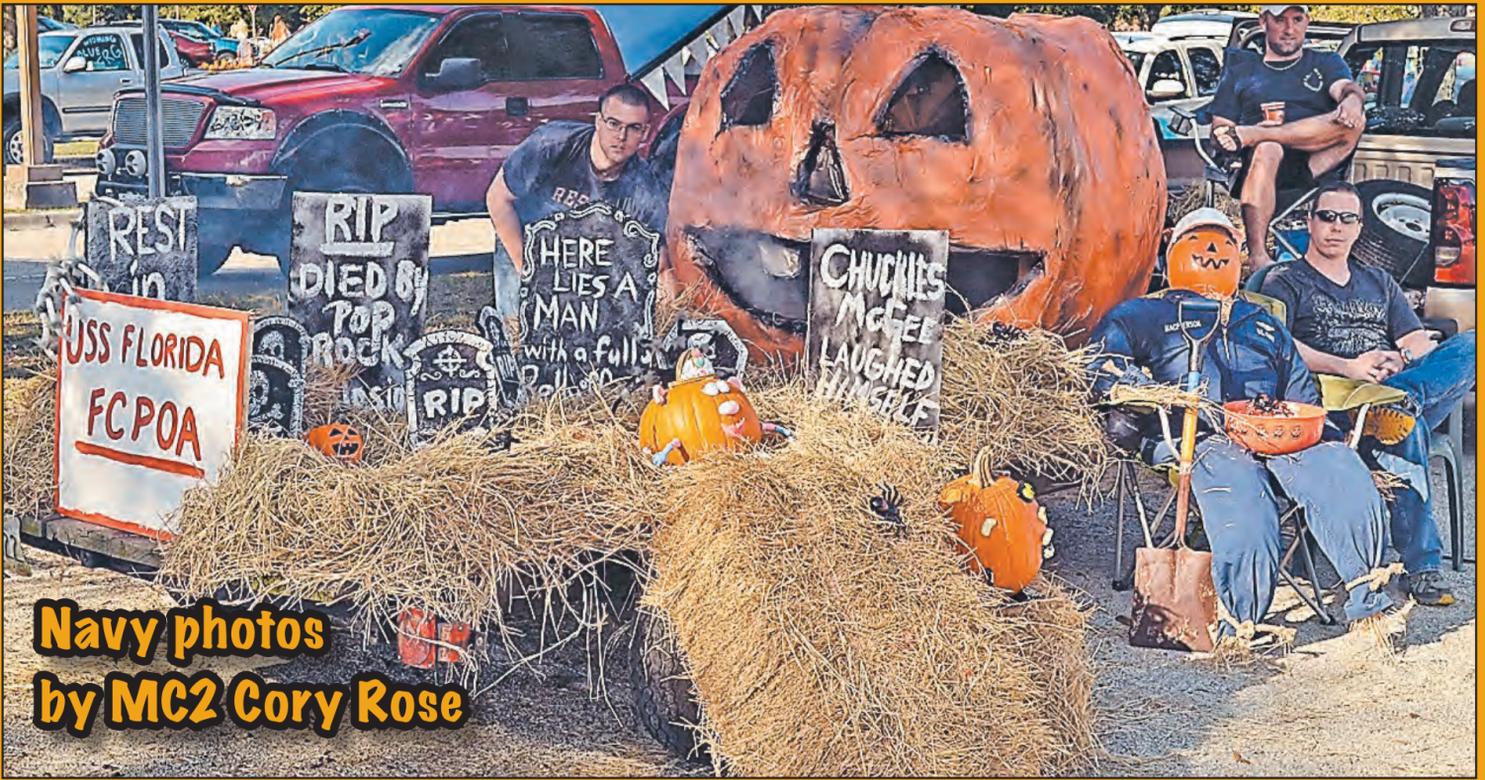
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Trunk or Treat



USS Alaska (SSBN 732) (Blue) decorated a truck for Trunk or Treat.



**Navy photos
by MC2 Cory Rose**

ET1 Seth Atkinson, MT1 Michael MacEherson and EM1 Patrick Anderson of the USS Florida First Class Petty Officer Association decorated a trailer. NSB Kings Bay's annual Trunk or Treat was Oct. 26 at Magnolia's, Building 1039.



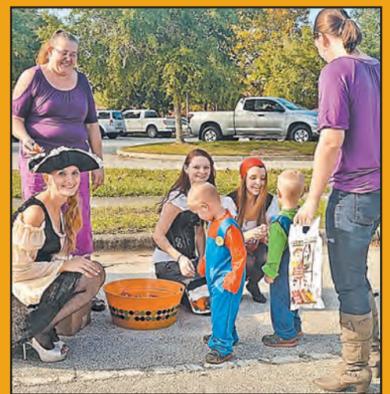
Above, Morale, Welfare and Recreation Human Resources employees pass out candy.



Right, a child dressed as Captain America gets a piece of candy from Dracula.



Above, Sailors with Marine Corps Security Force Battalion passed out candy from a Bearcat.



Right above, from left, Krissy Scott, Christina Douglas, Brittany Gilman, Natalie Schultz with the USS Wyoming (Blue) Family Readiness Group participated in Trunk or Treat.



Right below, Stacy Maysonet with the USS Florida (Blue) Family Readiness Group gives candy to a child in costume.



Naval History and Heritage Command

First implemented on the experimental USS Albacore (SS-569), the teardrop design enabled unprecedented submerged speeds.



Department of Defense photo

In 1954, the Navy launched USS Nautilus (SSN-571), the world's first nuclear-powered submarine.

Silent Service key player during Cold War

From www.navy.mil

Diesel-powered submarines played a critical role in the U.S. Navy's success during WWII.

But the Allied victory over German U-boats in the Atlantic indicated that submarines designed primarily for surfaced operations had limited future effectiveness. Two issues confronted designers — greater underwater speed and endurance.

The first issue, speed, was addressed in 1945 through hull shape experiments at the Navy's David Taylor Model Basin. These tests resulted in the teardrop hull design.

First implemented on the experimental USS Albacore (SS-569), the teardrop design enabled unprecedented submerged speeds.

The advent of nuclear power solved the undersea endurance problem, and truly revolutionized submarine design and naval warfare.

In 1954, the Navy launched USS Nautilus (SSN-571), the world's first nuclear-powered submarine.

USS Skipjack (SSN-585) was the first submarine to combine the endurance of nuclear propulsion and the high-speed teardrop hull design.



Department of Defense photo

A starboard bow view of the nuclear-powered attack submarine USS Batfish (SSN-681) with the guided missile destroyer USS Scott (DDG-995) in the background. In 1978, Batfish tracked a Soviet ballistic missile submarine sailing off the East Coast of the U.S., learning Soviet SSBN patrol areas.

Every American submarine built since 1958 incorporates these features.

Throughout the Cold War, U.S. military forces contained and deterred the Soviet Union and her allies from attacking the free world. The Submarine Force played a vital role, checking the Soviets in two ways.

First, U.S. ballistic missile submarines deterred nuclear war by maintaining a survivable retaliatory strike capability against any nuclear attack on the U.S.

Second, U.S. attack submarines monitored the rapidly expanding Soviet Navy while conducting intelligence, surveillance, and reconnaissance missions.

Dominance over the Soviet Navy was vital in preserving maritime superiority during the Cold War.

During this time period, U.S. attack submarines monitored Soviet naval development and open ocean naval operations in the Mediterranean, Atlantic, and Pacific oceans. U.S. SSNs



obtained vital information on Soviet naval capabilities and weaknesses while underscoring American determination to defend the nation and her allies from attack.

While almost all Cold War operations remain classified, two recently declassified missions showcase Submarine Force capabilities.

USS Guardfish (SSN-612) silently tracked a Soviet cruise missile (SSGN) submarine which was following U.S. aircraft carriers off Vietnam in the 1970s, ready to protect our ships should the SSGN launch its missiles.

In 1978, in the Atlantic, USS Batfish (SSN-681) tracked a Soviet ballistic missile submarine sailing off the East Coast of the U.S., learning Soviet SSBN patrol areas and operating patterns

See Cold War, Page 6



Naval History and Heritage Command photo

Members of the USS Barb's demolition squad who went ashore in Japan and planted an explosive charge that subsequently wrecked a train.



National Archives photo

USS Barb (SS-220) in San Francisco Bay, near the Mare Island Navy Yard, Calif., May 3, 1945 after the end of World War II.

USS Barb, one of World War II's submarine stars

From Naval History and Heritage Command

The USS Barb, a 1,525-ton Gato class submarine built at Groton, Connecticut, was commissioned in July 1942.

That fall the submarine was sent to operate in European waters, taking part in the Morocco invasion in November.

Four more war patrols in the first half of 1943 took her to the Bay of Biscay, the North Atlantic and the Norwegian Sea but produced no damage to the enemy.

In mid-1943 Barb went to the Pacific.

That fall her sixth war patrol took her off China, where it damaged two enemy ships. Following a West Coast overhaul, Barb operated in the central and western Pacific during March and April 1944, sinking one ship and bombarding an enemy shore facility.

After that, under Cmdr. Eugene B. Fluckey, Barb's skipper for the rest of the war, the submarine's combat record became remarkably successful.

Barb's eighth war patrol, off northern Japan in May through July, deprived the enemy of five gunfire actions that ultimately destroyed some 20 small vessels.

On her ninth war patrol, operating with two other submarines between the Philippines and China in August and Septem-



Periscope photo

Fluckey Hall, onboard Naval Submarine Base Kings Bay, is named for Rear Adm. Eugene B. Fluckey, a World War II hero who passed away in 2007.

Fluckey's daring set Barb's pace

From Naval History and Heritage Command

Eugene Bennett Fluckey was born in Washington, D.C., on 5 October 1913.

Following four years at the U.S. Naval Academy, he graduated with the Class of 1935 and received a commission. Ensign Fluckey's first assignments, as an officer of the battleship Nevada and the destroyer McCormick, were followed in 1938 by instruction at the Submarine School, New London, located at Groton, Connecticut.

In December of that year Lt. j.g. Fluckey was assigned to the submarine S-42. He served in USS Bonita in 1941 to 1942, during which time he was promoted to Lieutenant.



Fluckey

1944, he assumed command of Barb in late April

See Fluckey, Page 6

ber 1944, Barb sank three more Japanese ships, among them the escort carrier Unyo. In addition, Barb rescued 14 Allied prisoners of war.

The sub's next two cruises, in the East China Sea during October 1944 through February 1945, were also made in close cooperation with other U.S. sub-

marines. Barb sank two ships on its 10th patrol and four more on its 11th, with a partial credit for another.

The 11th patrol was conduct-

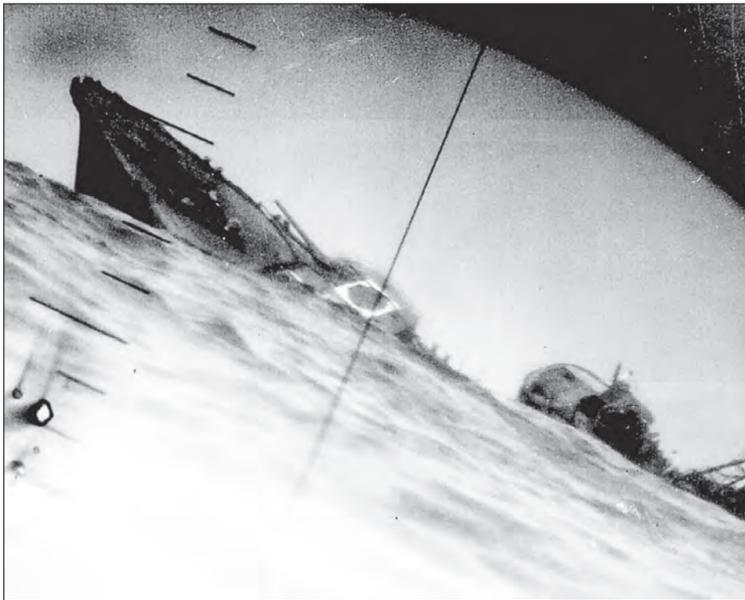
ed in the Formosa Straits and East China Sea off the east coast of China, from Shanghai to Kam Kit. During this patrol, Barb, displaying the ultimate in skill and daring, penetrated Namkwan Harbor on the China coast and wrought havoc upon a convoy of some 30 enemy ships at anchor. Riding dangerously in shallow waters, Barb launched its torpedoes into the enemy group and then retired at high speed on the surface in a full hour's run through uncharted, heavily mined, and rock-obstructed waters.

In recognition of this outstanding patrol, Fluckey was awarded the Congressional Medal of Honor and Barb received the Presidential Unit Citation.

The Presidential Unit Citation read as follows:

"For extraordinary heroism in action during the Eighth, Ninth, Tenth, and Eleventh War Patrols against enemy Japanese surface forces in restricted waters of the Pacific. Persistent in her search for vital targets, the Barb relentlessly tracked down the enemy and struck with indomitable fury despite unfavorable attack opportunity and severe countermeasures. Handled superbly, she held undeviatingly to her aggressive course and, on contacting a concentration of

See Barb, Page 6



A torpedoed Japanese destroyer photographed through periscope of U.S.S. Wahoo or U.S.S. Nautilus in June 1942.

National Archives

Barb

From Page 5

hostile ships in the lower reaches of a harbor, boldly penetrated the formidable screen. Riding dangerously, surfaced, in shallow water, the Barb launched her torpedoes into the enemy group to score devastating hits on the major targets, thereafter retiring at high speed on the surface in a full hour's run through uncharted, heavily mined and rock obstructed waters. Inexorable in combat, the Barb also braved the perils of a topical typhoon to rescue fourteen British and Australian prisoners of war who had survived the torpedoing and sinking of a hostile transport ship en route from Singapore to the Japanese Empire. Determined in carrying the fight to the enemy, the Barb has achieved an illustrious record of gallantry in action, reflecting the highest credit upon her valiant officers and men and upon the United States Naval Service."

Another Mare Island overhaul gave Barb a larger deck gun and a rocket

launcher. Returning to northern Japan in June 1945 for its 12th war patrol, both of these weapons were used to sink small craft and bombard shore facilities.

Barbs torpedoes sank two more ships, a freighter and the escort Kaibokan No. 112, and some of its crew made raid ashore that destroyed a railroad train.

Barb ended World War II among the dozen top-scoring U.S. submarines in terms of ships sunk, and third in terms of tonnage. If a disputed credit for another ship is counted, Barb would have ranked first in the latter category.

After returning to the

U.S. East Coast in September 1945, Barb was generally inactive until formally decommissioned in February 1947. The intensified Cold War brought Barb back into commission in December 1951, and it performed training service until mid-January 1954. Barb then underwent conversion to the streamlined Guppy configuration and operated briefly on trials and training from August until December 1954, when it was loaned to Italy and renamed Enrico Tazzoli.

The submarine served actively with the Italian Navy until 1972 and was sold for scrapping in April 1975.

Cold War

From Page 5

and providing early indications of any potential surprise attack on the U.S.

As the Cold War progressed, the Soviet Navy expanded substantially in size and capability.

Concerned about U.S. submarine superiority, the Soviet Union devoted

considerable resources to improving the quality of their submarine force, which throughout the Cold War was much larger than the U.S. Submarine Force.

By the 1980s, Soviet submarines had narrowed, but not eliminated, the submarine technology gap. The U.S. Navy counted on the superiority of its submarines and, above all, its submariners in the event of hostilities.

Fluckey

From Page 5

of the latter year.

During five war patrols Cmdr. Fluckey's initiative and aggressiveness cost the enemy at least 16 ships, many small craft and facilities ashore, earning a Medal of Honor and four Navy Crosses for himself, and Presidential Unit Citations and the Navy Unit Commendation for Barb.

In August 1945 Cmdr. Fluckey became Prospective Commanding Officer of the new submarine Dogfish, then under construction at Groton, Conn. However, this assignment ended after a few months and he began duty in Washington, D.C., first in the Office of the Secretary of the Navy, then at the War Plans Division and, beginning in late 1945, as Personal Aide to the Chief of Naval Operations, Fleet Adm. Chester W. Nimitz.

In June 1947 he again received a seagoing command, the modernized submarine Halfbeak. From 1949 to 1950 Fluckey served on the staff of Commander, Submarine Force, Atlantic Fleet and from October 1950 to July 1953 was U.S. Naval Attache at Lisbon, Portugal. Command of Submarine Division 52 in 1953 to 1954 was followed, after his promotion to the rank of Captain, by command of the submarine tender Sperry and of Submarine Squadron Five.

During the later 1950s Captain Fluckey was assigned to the Naval Academy, attended the National War College and served with the National Security Council.

Selection for promotion to Rear Admiral in mid-1960 was followed by tours as Commander Amphibious Group Four, presidency of the Board of Inspection and Survey and a temporary assignment as Task Force Director of the Shipyards Appraisal Group.

In June 1964 Rear Admiral Fluckey became Commander Submarine Force, Pacific, and in July 1966 he reported as Director of Naval Intelligence. Two years later he became Chief of the Military Assistance Advisory Group, Portugal.

Fluckey retired from active duty at the beginning of August 1972. He died in 2007 at age 93.



Pearl Harbor veteran at rest

By MC2 Tiarra Fulgham
Navy Public Affairs Support
Element West, Det. Hawaii



Veterans Administration photo

Yuell Chandler and more than 13,000 service-members are laid to rest in the Punchbowl Cemetery in Hawaii.

A burial ceremony in honor of retired chief petty officer and Pearl Harbor survivor Yuell Chandler was Oct. 10 at the National Memorial Cemetery of the Pacific.

The event in the historic Punchbowl Cemetery was attended by U.S. Navy Sailors, friends and family members of Chandler, who passed away on Oct. 2 at the age of 95.

An overview of Yuell Chandler's life was provided by Pearl Harbor Survivors Liaison, Jim Taylor, who spoke about his experiences to those in attendance.

Chandler was born April 28, 1918 in Richmond, Va, where he started off his military career by joining the U.S. Army in March 1939 and then later enlisting as a Seabee in the U.S. Navy where he retired as a chief petty officer.

"Of the ceremonies I have participated in this was the first one that I was actually participating in of a fellow Seabee," said Navy Utilitiesman 2nd Class Jeremy Orndolf, assigned to Joint Base Honors and Ceremonies. "It was an honor to be a part of this, knowing that we are saying farewell to one of our own."

Chandler served in many battles during his service in the military including the Japanese

attacks on Pearl Harbor in 1941 and the Battle of Iwo Jima from February to March of 1945.

While in the Navy he served in Vietnam during which he retired.

"He told the story of how he actually tripped over a box of grenades the Japanese had set for a trap, luckily none of them exploded," said Taylor. "The family still has two of them he saved, of course they are diffused and are harmless."

According to Taylor, Chandler found himself in another dangerous incident during his time in Iwo Jima in which he found himself sleeping on top of a buried dud explosive under his bed.

Following his time at war he became a helping hand to his shipmates. Chandler helped them obtain benefits they were to receive and provided guidance to fellow Pearl Harbor survivors on medical care and equipment.

"He helped with all the paperwork which can be very difficult, obviously he cared for his shipmates," said Taylor.

Chandler retired during the Vietnam War in October 1962 and later volunteered at the National Park Service and the Arizona Memorial

Visitor Center. There he not only visited the memorial but signed autographs and told his stories.

"The tourists loved hearing his stories, he was there at minimum three times a week," said Taylor. "He served as a volunteer for over 28 years, leaving many wonderful memories for the visitors he talked to and even more importantly those of the National Park Service and the employees from Pacific Historic Parks."

Aileen Utterbyke, CEO of Pacific Historic Parks, remarked about the many years Chandler spent volunteering.

"For Pacific Historic Parks, Yuell 'Bob' Chandler was like family to us," said Utterbyke. "He was very dedicated in what he did. His drive was to share his experiences with the visitors who came throughout the parks."

At the end of the ceremony Chief Chandler received full military honors for his dedication and service including a rifle salute by the Joint Base Honors and Ceremonial Guard and the playing of Taps by a Navy bugler. His family was presented with the national ensign during a flag presentation.

Navy College information



Ongoing and Upcoming Events

| Event | Date | Time | Location |
|---|--|--|---|
| Main NCO Office Individual Assistance | Mon - Thurs (Closed Fri due to furloughs) | 0800-1530 | Navy College Ed Center (nco.kingsbay@navy.mil) Walk-in or make appt. |
| Satellite NCO Office Individuals or groups | Wednesday | 0800-1600 PACE Contractor only | Off Crew building On Quarter Deck |
| Checking In | Thursday | For all who KB is 1 st Duty Station, after "A" school. = 1100-1130 (Group Brief) All others.... Anytime for 5 min check-in/Q&A.(1-on-1) | Navy College Ed Center |
| TA Training | Thursday Any day | 1300-1330 Any time | Navy College Ed Center https://www.navycollege.navy.mil/docs/TA-ONLINE-BRIEF-OCT2012-V5.htm |
| Info: In class we teach using WebTA website, entire year planning, & other funding options. | | | |
| NCPACE Brief | Date/time to be determined | As scheduled w/ individual Sub Command | |
| Info: Required for all who want to participate in their Boat's upcoming PACE term. | | | |

CLEP / DSST Testing Information
On-Base National Test Center

Money Savings
Military \$no cost* vs. \$500-\$1,000 (extra TA)
Family \$90-\$100 vs. \$500-\$1,000 (you can save)

Time Savings:
Class = 45 hours (5hrs/night x 9wk)
CLEP = Study 2-3hrs/wk for approx 1 month

Where: Navy College Office, Bld 1030
Cost: Military: 1st attempt is free for each test.
Family: CLEP-\$92 DSST-\$100

If you want more info... Contact NCO for free prep resources & practice tests.
If you feel you're prepared... Contact test center NLT Wed to sign up - 682-6573

Navy pass rates = 40-50%.
KB NCO prepared Sailors pass rates = 90+%.

On Base Education Providers
Office Hours

| | |
|------------------------|---|
| Navy College Office | Main office: Mon - Fri 0800-1530 Off-Crew Contractor Wed 0800-1600 |
| American Military Univ | Qty call for appt (229) 538-6042 0800-1630 |
| Brenau Univ | Mon-Th Fri 0900-1600 & 0900-1530 |
| Coastline Comm Coll. | Tues - Th 0800-1600 |
| Empire State College | Qty call for appt (518) 275-6648 0800-1600 |
| Excelsior College | Every Wednesday 0800-1600 |
| Thomas Edison St. Coll | Every Wednesday 0800-1600 |
| Univ of Md, Univ Coll | Every Thursday 0830-1500 |
| Valdosta State Univ | Mon - Fri 0830 - 1630 |

Navy College Office Testing Schedule

Conducted at the education center (Bld 1030)

| Test | Date / Time | Fees |
|--|--|--|
| SAT (active duty and reserves only) | Oct 2, Dec 3 0730-1400 | 1 st : Free 2 nd : SAT=\$Call |
| ACT (active duty and reserves only) | Jul 2, Aug 6, Sep 10, Nov 5 0730-1400 | 1 st : Free 2 nd : ACT=\$Call |
| GED (active duty) | Contact NCO to schedule | Free |
| GED (Spouse & Dependents) | Available locally w/ free pre-test training Call 510-3361 | Total for 5 tests Approx \$160 |

- Testing will start promptly at 0730. All late shows will be rescheduled for following test period.
- Reservations are required on all testing.
- If you have previously taken SAT or ACT on active duty, call the NCO for cost, exceptions, etc.
- To prepare, use WWW.Petersons.com/DANTES - Free academic skills course (OASC)
- Base Library (next to Liberty center) has ACT, SAT, GED preparation materials for check-out.
- GED testing can be done in multiple sittings.

Morale, Welfare and Recreation happenings



Periscope file photo

You can support Kings Bay's Child and Youth programs through the Combined Federal Campaign.

Wobble Gobble 5K Nov. 13

Liberty call

The Wobble Gobble 5K Run is Wednesday, Nov. 13 at the Kings Bay Fitness Complex. Sign-ups start at 6:30 a.m. with the race beginning at 7 a.m. Bring a canned food item for donation, which will benefit Camden House. For more information call (912) 573-3990.

■ **Movie Under the Stars** — On Saturday, Nov. 9 at about 7 p.m. at Youth Center Ballfields, free admission with the feature presentation showing *Despicable Me 2* (PG). Bring your own lawn chairs, blankets and your own movie snacks. For more information, (912) 573-4564.

■ **Magnolia's of Kings Bay** — Beautiful and spacious rooms are available to make your next event perfect. It's never too early to plan your

event, wedding or holiday party. Stop by and check it out. Someone always is ready to assist you with your special occasion. Contact Magnolia's at (912) 573-4559.

■ **Tae Kwon Do** — It's at the Fitness Complex Tuesdays and Thursdays, 5:15 to 6:15 p.m. for 7 year olds and under, 6:15 to 7:15 p.m. for 8 to 12 and 7:15 to 8:30 p.m. 13 to adult. For more information, call (912) 573-3990.

■ **Domino's** — Like Kings Bay Domino's on Facebook to receive "code phrases," daily specials, upcoming events and corporate promos. (912) 510-5400. www.facebook.com/kingsbaydominos.

Youth Camp signup to start

Fall Camp Registration at the Youth Center. Camp runs from Nov. 25 to 29, but is closed Thanksgiving. Camp is for kindergartener to 12-year-olds. SAC patrons, single/dual military, wounded/fallen warriors, and IA's registration begins Nov. 4. Active duty with working or student spouse and DoD employees, registration begins Nov. 12 and DoD Contractors and all others will start Nov. 18. Register 8 a.m. to noon, Monday to Friday. Cost is based on total family income. Most recent LES/pay stub for sponsor and spouse

Just for kids

or student letter of enrollment must be provided. Birth certificate must be available for confirmation of age. IA's must provide orders. Single/Dual Military must provide dependent care form at time of registration. No outside food allowed. Breakfast, lunch and snack will be provided. For more information, call (912) 573-2380. Navy Child & Youth programs welcome children of all abilities.

■ **Free Movies for the Kids Weekend** — Movies at 1 p.m. for November are *Monsters University* Nov. 2 and 3, *Epic* Nov. 9 and 10, *Hotel Transylvania* Nov. 16 and 17, *Despicable Me 2* Nov. 23 and 24 and *Turbo* Nov. 30 and Dec. 1. Movie schedule is listed in Facebook under the events tab on mwrkingsbay.com. All youth under 18 years of age must be accompanied by a parent or adult. Snacks foods and beverages are available for purchase. If 15 minutes after the scheduled start time no one comes in, the movie area will be

available for open viewing. For the latest information, call (912) 573-4548.

■ **Winter Break 2013 at the Youth Center** — Camp runs Dec. 23 to Jan. 10, but is closed Christmas Day and New Years Day, for kindergarteners to 12 years old. SAC patrons, single/dual military, wounded/fallen warriors, and IA's registration begins Dec. 2. Active duty with working or student spouse and DoD employees, registration begins Dec. 9 and DoD contractors and all others will start on Dec. 16. Register 8 a.m. to noon and 1 to 5:30 p.m. Monday to Friday, except holidays. Cost is based on total family income. Most recent LES/pay stub for sponsor and spouse or student

letter of enrollment must be provided. Birth certificate must be available for confirmation of age. IA's must provide orders. Single/Dual Military must provide dependent care form at time of registration. Breakfast, lunch andsnacks will be provided. No outside food allowed. For more information, call (912) 573-2380. Navy Child & Youth programs welcome children of all abilities.

■ **The Combined Federal Campaign season has started** — Kings Bay's Child and Youth Program team are two of the organizations you can support with your giving. The numbers are Youth Center School Age Care #37328 and Child Development Center #47018.



Photos by Laura Jefferson

From left top, Seabees EO2 Michael Ivey, SW1 Troy Grau, bottom, EA3 Kyle Dechy and Operations Chief Steven Maldonado carried out the haunted house.



Photo by Laura Jefferson

On the last night Seabees and volunteers gather in front of the haunted house, located in base housing.

Haunted

From Page 1

to this project for the last four years, was given the opportunity to design the layout in his last week at Kings Bay.

"My husband and I were stationed here right before the haunted house began," Ivey's wife, Kaleigh, said. "He immediately jumped right into it, and loved it ever since."

Once completed, some patrons waited nearly 20 minutes in the crisp night air to experience the fright of the Seabee's haunted house. Those who found the courage to go in did

not leave disappointed. Screams could be heard in the distance, while adults and children ran from the house.

Although the Seabees contributed hundreds of hours of labor to the haunted house, they said the project would not have been successful without the support of their spouses and children. Together, they were all able to contribute to the fun and fear of the Halloween season.

The contribution of the Seabees will continue. In a few weeks, they will work with Morale, Welfare and Recreation to transform the haunted house into a laser tag arena for single, active duty members to enjoy.



Photo by Laura Jefferson

Seabee wives Jessica Lincoln, left, and Jennifer Maldonado support the Haunted House by selling admission tickets.

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Thursday Breakfast
 Breakfast Juice Bar
 Ready-to-eat Cereals
 Eggs & Omelets To Order
 Grilled Bacon
 Asst. Instant Oatmeal / Grits
 Rolled Oats
 Sausage Patties
 Cottage Fried Potatoes
 French Toast / Asst. Syrups
 Pastry Bar
 Asst. Yogurt

Lunch
 Italian Wedding Soup
 Chicken Parmesan
 Meat Sauce
 Boiled Spaghetti
 Roasted Potatoes
 Steamed Broccoli
 Italian Kidney Beans
 Healthy Choice Salad
 Assorted Salad Dressings
 Garlic Bread
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar

Lunch speed line
 Chicken Pattie Sandwich
 Philly Cheese Steak Sandwich
 Grilled Pepper and Onions
 Chili
 Cheese Sauce
 Baked Beans
 Sandwich Bar
 Cold Cut Sandwiches

Dinner
 Cream of Broccoli Soup
 Fried Catfish w. Tartar Sauce
 Braised Pork Chops
 Mashed Potatoes & Gravy
 Tossed Green Rice
 Fried Okra
 Simmered Carrots
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Cheesy Bread
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar



Friday Breakfast
 Breakfast Juice Bar
 Ready-to-eat Cereal
 Eggs & Omelets to Order
 Waffles w/Asst. Syrups
 Grilled Bacon
 Soft/Hard Cooked Eggs
 Asst. Instant Oatmeal / Grits
 Grits
 Sausage Gravy
 Biscuits
 Hash Brown Potatoes
 Pastry Bar
 Asst. Yogurt

Lunch
 Chicken Noodle Soup
 BBQ Chicken
 Tempura Battered Shrimp
 Sweet Potato Fries
 Baked Mac & Cheese
 Green Bean Almandine
 Simmered Succotash
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Corn Bread Muffins
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar

Lunch speed line
 Grilled Cheese Burger
 Grilled Hamburgers
 BBQ Chicken
 Pulled Pork
 BBQ Ribs
 Bratwurst
 Cole Slaw
 Baked Beans
 Macaroni Salad
 Potato Salad
 Burger Bar

Dinner
 Asian Stir Fry
 Sweet and Sour Pork
 Oriental Pepper Steak
 Fried Rice
 Steamed Rice
 Chinese Mixed Vegetables
 Egg Rolls
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Hot Rolls
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar



Saturday Brunch
 Logging Soup
 Fried Chicken Tenders
 Corn Dogs
 Potatoes O'Brien
 Breakfast Juice Bar
 Ready-to-eat Cereal
 Oven Fried Bacon
 Waffles w/ Asst. Syrup
 Eggs & Omelets to Order
 Mixed Vegetables
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Assorted Desserts

Fruit Flavored Gelatin
 Assorted Breads & Spreads
 Asst. Fruit Bar
 Assorted Beverage Bar
 Pastry Bar

Dinner
 Minestrone Soup
 Asst. Pizza
 Asst. Wings
 French Fries
 Baked Beans
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Assorted Desserts
 Assorted Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar



Sunday Brunch
 Chicken Noodle Soup
 Cannonball Sandwich
 Grilled Polish Sausage
 French Fries
 Grilled Peppers and Onions
 Oven Fried Bacon
 Eggs to Order
 Breakfast Juice Bar
 Ready-to-eat Cereal
 Grilled Sausage Patties
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar
 Pastry Bar

Dinner
 Asparagus Caliente
 Roast Prime Rib
 Fried Shrimp
 Cocktail sauce
 Rosemary Potatoes
 Rice Pilaf
 Corn on the Cob
 Simmered Carrots
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar

Monday Breakfast
 Breakfast Juice Bar
 Ready-to-eat Cereal
 Asst. Oatmeal / Grits
 Soft/Hard Cooked Eggs
 Eggs to Order
 Omelets to Order
 French Toast w/Asst. Syrups
 Grilled Bacon
 Fresh Fruit Salad
 Breakfast Burritos
 Hash Brown Potatoes
 Pastry Bar
 Asst. Breads & Spreads
 Asst. Fruit Salad
 Asst. Yogurt

Lunch
 Corn Chowder
 Country Fried Steak
 Cream Gravy
 Baked Fish
 Tartar Sauce
 Mashed Potatoes & Gravy
 Rice Pilaf
 Steamed Peas and Carrots
 Louisiana Squash
 Healthy Choice Salad Bar
 Asst. Salad Dressings
 Assorted Fruit Bar
 Assorted Condiments
 Hot Rolls
 Assorted Desserts
 Assorted Breads & Spreads
 Assorted Beverage Bar

Lunch speed line
 Chicken Wings
 Pizza
 Potato Bar

Dinner
 Vegetable Soup
 Baked Ham w/Honey Glaze
 Roast Turkey
 Mashed Potatoes & Gravy
 Candied Sweet Potatoes
 Cajun Style Black-Eye Peas
 Southern Style Greens
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Corn Bread
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar



Tuesday Breakfast
 Breakfast Juice Bar
 Ready-to-eat Cereals
 Asst. Instant Oatmeal / Grits
 Waffles w/asst. syrups
 Cream of Wheat
 Eggs/Omelets to Order
 Grilled Bacon
 Soft/Hard Cooked Eggs
 Buttermilk Biscuits
 Cottage Fried Potatoes
 Sausage Gravy
 Asst. Yogurt
 Pastry Bar

Lunch
 Cheese Potato Soup
 Pot Roast
 Chicken Cordon Blue
 Brown Gravy
 Wild Rice
 Au Gratin Potatoes
 Mixed Vegetables
 Simmered Cauliflower
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Biscuits
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar

Lunch speed line
 Beef Enchiladas
 Chicken Quesadias
 Spanish Rice

Refried Beans
 Taco Bar

Dinner
 Minestrone Soup
 Baked Italian Sausage
 Meat, Marinara & Clam Sauces
 Boiled Pasta
 Calico Corn
 Steamed Broccoli
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Toasted Garlic Bread
 Assorted Dessert
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar



Wednesday Breakfast
 Breakfast Juice Bar
 Ready-to-eat Cereal
 Eggs & Omelets To Order
 Pancakes w/Asst. Syrups
 Corned Beef Hash
 Grilled Bacon
 Asst. Instant Oatmeal & Grits
 Soft/Hard Cooked Eggs
 Hash Browned Potatoes
 Asst. Yogurt
 Pastry Bar

Lunch
 Chicken Gumbo
 Fried Fish
 Grilled Chicken Breast
 Mashed Potatoes & Gravy
 Wild Rice
 Chicken Gravy
 Pinto Beans
 Mixed Vegetables
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Corn Bread
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar

Lunch speed line
 Corn Dogs
 Grilled Hamburgers
 Grilled Cheeseburgers
 French Fries
 Baked Beans
 Burger Bar

Dinner
 Beef Rice Soup
 Steamed Rice
 Hot & Spicy Chicken
 Roast Pork
 Simmered Egg Noodles
 Yellow Squash
 Steamed Green Beans
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Biscuits
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar

Thursday Breakfast
 Breakfast Juice Bar

Ready-to-eat Cereal
 Eggs and Omelets to Order
 Grilled Bacon
 Asst. Instant Oatmeal & Grits
 Rolled Oats
 French Toast w/Asst. Syrups
 Sausage Patties
 Cottage Fried Potatoes
 Asst. Yogurt
 Pastry Bar

Lunch
 Chicken Noodle Soup
 Fried Shrimp
 Hot Rolls
 Creole Macaroni
 Franconia Potatoes
 Rice Pilaf
 Simmered Carrots
 Steamed Peas
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Assorted Condiments
 Cocktail Sauce
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar

Lunch speed line
 Chicken Pattie Sandwich
 Philly Cheese Steak Sandwich
 Grilled Peppers & Onions
 Baked Beans
 Chili
 Cheese Sauce
 Sandwich Bar
 Cold Cut Sandwich

Dinner
 Cheddar Cheese Soup
 Beef Stroganoff
 Fried Catfish w/Tartar Sauce
 Mashed Potatoes & Gravy
 Buttered Egg Noodles
 Seasoned Corn
 Herbed Broccoli
 Toasted Parmesan Bread
 Healthy Choice Salad Bar
 Assorted Salad Dressings
 Cocktail Sauce
 Hot Rolls
 Buttermilk Biscuits
 Assorted Desserts
 Asst. Fruit Bar
 Assorted Breads & Spreads
 Assorted Beverage Bar

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Up eriscope with Bill Wesselhoff

It's all about our submariners this week

Usually in this space, I pose a question, like, What do you put on your hamburger? or What's a good movie you've seen lately? With the Sub Vets in town, I decided to change up and see what submariners and others have said about themselves. There's a good Web site, submarinesailor.com, that had some quotes to help me get started. The years listed are the years of military service, except in Churchill's case, where the dates are when he served as prime minister.



Cmdr. Howard Gilmore
USN, 1920-43
Medal of Honor
"Take her down!"
(Wounded by machine gun fire and unable to go below, Gilmore gave the order sacrificing himself so his submarine could dive to safety.)



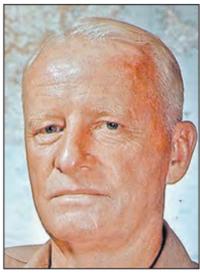
Adm. Charles Lockwood
USN, 1912-47
"I can assure you that they went down fighting and that their brothers who survived them took a grim toll of our savage enemy to avenge their deaths."



Winston Churchill
Prime Minister Great Britain
1945-47, '51-55
"Of all the branches of men in the forces there is none which shows more devotion and faces grimmer perils than the submariners."



Lt. James Michener
USN, WW II
Author, *Tales of the South Pacific*
"I saw the submariners, the way they stood aloof and silent, watching their pig-boat with loving eyes. They are alone in the Navy... the submariners! In the entire fleet they stand apart!"



Fleet Adm. Chester Nimitz
USN, 1905-66
"We shall never forget that it was our submarines that held the lines against the enemy while our fleets replaced losses and repaired wounds."



Adm. Hyman Rickover
USN, 1918-82
"I believe it is the duty of each of us to act as if the fate of the world depended on him. Admittedly, one man by himself cannot do the job. However, one man can make a difference."



Gen. Collin Powell
USA, 1958-93
"No one has done more to prevent conflict, no one has made a greater sacrifice for the cause for peace, than you, America's proud missile submarine family. You stand tall among our heroes of the Cold War."

Shoe drive

Children in Djibouti, Africa, will receive boxes of shoes provided by students of Mary Lee Clark Elementary School. Kierra and Corwin Birt decided to help less fortunate children after their father, ETC Michael Birt, who is stationed in Djibouti, told them stories of children playing soccer and other games barefooted. The Birt children started a shoe drive at school with the help of their mother, Tiffany Birt, and school sponsor Ranesha Harmond, the school's Military Family Life counselor. Courtesy photo



Holiday mail delivery deadlines announced

American Forces Press Service
Military Postal Service Agency officials recommend that parcel post packages for service members overseas be mailed by Nov. 12 for delivery by the holidays. Officials at MPSA, an extension of the U.S. Postal Service, have published a chart at <http://hqdainet.army.mil/mpsa/xmas.htm> that shows deadlines for various mailing options, broken down by the APO/FPO/DPO numbers

of various destinations. USPS is offering a discount on its largest Priority Mail Flat Rate box at \$14.85. The price includes a \$2 per box discount for military mail being sent to APO/FPO/DPO destinations worldwide, officials said. Priority Mail Flat Rate boxes are available free at local post offices, or can be ordered from USPS online. Postage, labels and customs forms also are available online.

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Oct. 23, 1983, a Lebanese militiaman crashed a truck with 2,000 pounds of high explosives into the Marine barracks in Beirut, killing 241 Marines and other Americans.



Marine Corps photos

Corps remembers fallen in Beirut bombing

By Staff Sgt. Shane Mellor
Marine Corps Forces Africa

The force of the explosion initially lifted the entire four-story structure, shearing the bases of the concrete support columns, each measuring fifteen feet in circumference and reinforced by numerous one-and-three-quarter-inch steel rods. The airborne building then fell in upon itself.

This was the scene as described in Eric Hammel's *The Root: The Marines in Beirut, August 1982-February 1984*, the authoritative source on the 1983 Beirut bombing.

This scene claimed the life of 220 Marines, 18 Sailors and 3 Soldiers, most killed as they slept in their racks.

Of those who witnessed those nightmare events, two remain on active duty today. Non-commissioned officers within Marine Corps Forces Europe and Africa organized a Beirut bombing memorial Oct. 23 which remembered those who lost their lives or were impacted by the sad day in America's history 30 years ago.

Most of the organizers were not alive when it happened yet they felt a bond beyond the uniform.

Sgt. Bryson M. Jones, one of the event organizers and Washington Court House, Ohio native, said the NCOs thought it was important to take a moment, remind their fellow Marines of "why we are here, the Marine to the left and the right of us and honoring those that came before us."

Although 30 years had passed, the Marines of MARFOREUR and MAR-



Marine Corps photo by Staff Sgt. Shane Mellor

Marine Sgt. Kyle Malmborg delivers remarks during a memorial ceremony Oct. 23 at the base chapel in Stuttgart, Germany, for the Marines, Soldiers and Sailors killed in the Beirut bombing.

FORAF, gathering to honor the memory of those Americans, have much in common with the Marines in Beirut.

As the Marines of today witnessed the event played on the overhead projector, they were reminded that history is not just an abstract class in high school or a channel on television.

The Marines in Beirut were on a peace keeping mission to restore order to Lebanon during a time of religious fighting between Christians and Muslims. An extremist from the terrorist organization Islamic Jihad was on a suicide mission, driving a truck with as much as 21,000 pounds of explosives. The reported reason for the attack was the American presence in the country during the Lebanese Civil War.

This story is an all too familiar story to the Marines at this year's memorial, after 12 years of the Global War on Terrorism.

They know the high cost of fighting an enemy that hates you for simply having a presence in their country.

These Marines are living the lessons learned on that fateful morning as they support the deployment of Marines working with countries across Africa and Europe. The goal is to share these lessons to help bring and maintain stability to areas that are unstable, just as it was 30 years ago.

The NCOs were keeping with a tradition as old as the Marine Corps itself, one that has been taught since the early days of basic training — history must be remembered, honored and passed on.

Memories such as the Halls of Montezuma to the events at Iwo Jima are still talked about today.

Memories of more recent events such as the Beirut bombings or the battle of Fallujah must be honored.

'World changed forever'

By Terri Moon Cronk
American Forces Press Service



Amos

The attack on the Marine barracks in Beirut, Lebanon, on Oct. 23, 1983 became a harbinger of what is known today as the war on terror, said Marine Corps Commandant Gen. James F. Amos, during a ceremony in Jacksonville, N.C., to mark the 30th anniversary of the attacks.

The terrorist truck bomb took the lives of 241 service members.

"The world we lived in and the future we knew of a secure environment changed forever that morning of Oct. 23," Amos said. "The nation was not expecting this. It was a new kind of warfare. The threat of radical extremists being able to target military and civilian personnel with weapons of mass destruction for political, religious and personal gains was a new way to attack the West. It was a cowardly act on freedom."

The early 1980s was a tumultuous time of conflicting powers, Amos told the audience of Marines, as well as families and friends of those killed in the attack.

"[That era] indeed became the harbinger of more challenging times yet to come," the general said. "Tensions were high across the world, the Cold War raged on, and radicalism surfaced as a new threat to stability in the Middle East."

And, "when conflict ripped at the peaceful coexistence of Lebanon, the United States, France, Italy and Great Britain answered the call to assist," Amos said of the multinational peace-keeping force that went into Beirut.

Amos described how Marines attempted to serve as peace keepers at a time when the country was deeply immersed in a civil war.

"They stood watch and patrolled chaotic streets to provide a blanket of safety and security and comfort for the citizens of Lebanon. They stood for freedom," he said, adding that the Marines knew their protection of the citizens came with a risk.

"On Oct. 23, 1983, terror struck. At 6:22 a.m., extremists drove an explosives-laden truck into the Marine barracks the likes of which had never been witnessed before. The massive explosion shook the ground of

the entire Beirut International Airport along with the souls of all the Marines throughout the world," Amos said.

"Two-hundred and forty-one Marines and American soldiers and sailors [who] volunteered to make a difference" died in the attack, he added.

"They volunteered to serve their country ... to put the lives and freedoms of others before their own ... 241 of our finest, Amos said. "We honor each of them today."

Beginning with the attacks in Beirut, extremists have attempted to destroy what makes the United States great by attacking America at home and abroad, Amos pointed out.

He recounted the 1996 Khobar Towers bombing in Saudi Arabia in which a truck detonated alongside a building that housed U.S. Air Force personnel, killing 19 and wounding 498.

He also recalled the 1998 attacks on U.S. embassies in Kenya and Tanzania, in which 220 people were killed and more than 4,000 were wounded. Amos also spoke of the 2000 bombing of the USS Cole, berthed in Yemen, which resulted in the deaths of 17 American sailors and injured 39 others.

"On 9/11," Amos said, "terrorists attacked America, in New York, the fields of Shanksville, Pa., and the Pentagon, killing nearly 3,000. We remember each of these well. We will never forgive, nor will we ever forget."

In September 2012, he added, gunmen attacked the U.S. consulate in Benghazi, Libya, killing four people, including U.S. Ambassador J. Christo-

See Amos, Page 11

Marines train in Romania

By Lance Cpl. Krista James
Marine Corps Forces Europe

Marines and Sailors with Black Sea Rotational Force 14 conducted training with Romanian soldiers from the 812th Mechanized Infantry Brigade in Bistrita, Romania, Oct. 7 to 12.

Platinum Lynx kicked-off with an opening ceremony to begin the engagement and partnership between U.S. and Romanian forces.

Marines, Sailors and Soldiers conducted mounted and dismounted patrols, a platoon live-fire exercise, movement-to-contact, and concluded with a closing ceremony. The Marines and sailors also got to experience culture in the surrounding area with a cultural day held on that Saturday.

The partnership between these two forces tie-in with BSRF-14's mission of promoting regional stability and security, increasing military capacity and interoperability and maintaining partnerships with their counterparts in Eastern Europe.

Romanian First Sergeant Florin Zanfir, a squad leader with the 812th MIB, said that the opening ceremony was an introduction of both forces, and helped them get to know each other better.

"The opening ceremony is good because we have to respect the countries that we have to work alongside; we have to know each other, the techniques, tactics and procedures better," said Zanfir.

Cpl. Roderic Liggins, an infantryman with BSRF-14 and Washington, D.C. native, said that the opening ceremony was a presentation to welcome the Marines to Bistrita.

"It shows the news and other networks that [the Marines] are here [promoting] partnerships with other forces," said Liggins.

After the opening ceremony, the Romanian soldiers showed the Marines their various vehicles and weapons systems. Marines and soldiers ended the day with rehearsals for the upcoming events.

The Marines and soldiers began working together on mounted and dismounted patrols, and a quick reaction force, which consisted of setting up cordons inside the defense of operations, loading vehicles and patrolling, and patrolling on foot.

Marines and Soldiers were able to adapt and overcome any challenges they encountered while training together in new terrain.

"In this training the dismounted patrol was better because in that area there is not a lot of space to maneuver," said Zanfir. "There are a lot of slopes so it was better for the soldiers to come on foot."

Liggins said that, overall, there were many positive outcomes with the mounted and dismounted patrols.

"They were very good with communication with radios," said Liggins. "When we were getting attacked they were able to gain enough distance so if an improvised explosive device [were to go off], it would only affect one vehicle compared to all of them."

The following day the Marines and soldiers participated in a live-fire exercise which consisted of buddy-rushing and movement-under-fire.

Liggins said that the platoon live-fire proved to be a challenge because the Marines had to adapt to a new way of shoot-



Marine Corps photo by Lance Cpl. Krista James

Marines with Black Sea Rotational Force 14, and Romanian soldiers with the 812th Mechanized Infantry Brigade conduct a dismounted patrol as part of their week-long training exercise, Platinum Lynx.

ing. "The range was awesome because of how they made it in line with the trenching, it gave Marines training with how to basically dive in the trench and shoot from it," said Liggins. "We had to adapt because we are so used to shooting from the prone, and we couldn't do that so we had to get used to shooting in an unstable position. It also let them know that you can take a whole platoon and move them either simultaneously or at different times."

The last training event of the week was movement-to-contact which started off with a mounted patrol, followed by Marines and soldiers walking up a hill where they had to work together to cordon off the surrounding area from IED's. To complete the exercise, Marines and soldiers were ambushed and then had to find a weapon's casualty.

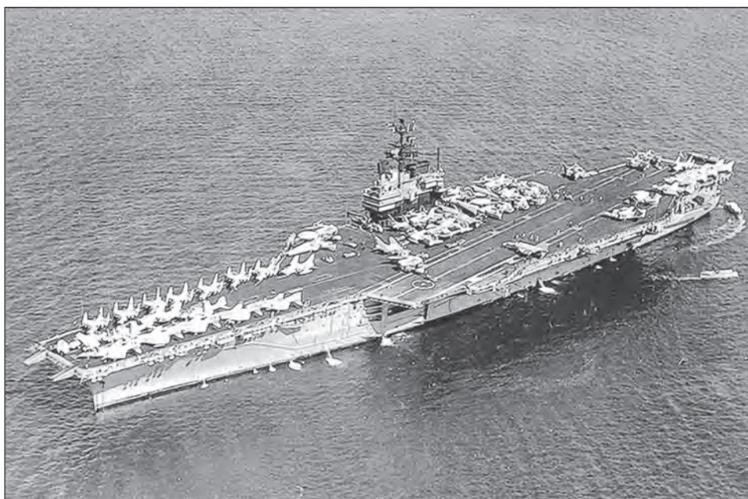
"It's to see how the [Marines] work, and for them to see how the Romanian forces work," said Zanfir. "It's all about the cooperation between these two nations, and after the training to be better on both ends."

The training was beneficial for both the Marines and Romanians.

"I think that it will benefit us in the future," said Liggins. "It builds a longer lasting relationship so we'll know how to work together, so now it won't be so difficult for them to understand the way we do things, and for us to understand the way that they do things."

The week-long exercise was concluded with a closing ceremony.

The Romanian forces expressed gratitude for the partnership and training evolutions conducted during the week. The Marines expressed their gratitude by offering gifts to some of the Romanian soldiers.



Naval History and Heritage Command photo
 USS Forrestal (CV-59) at anchor in Suda Bay, Crete, June 1978.

Forrestal sold for scrap

From Naval Sea Systems Command Office of Corporate Communication

The Navy awarded a \$0.01 delivery order Oct. 22 for dismantling and recycling ex-USS Forrestal (AVT 59).

The delivery order was made under an indefinite-delivery, indefinite-quantity contract to All Star Metals for the towing, dismantling and recycling of conventionally powered aircraft carriers stricken from the Naval Vessel Register.

The price of the delivery order reflects the net price proposed by All Star Metals, which considered the estimated proceeds from the sale of the scrap metal to be generated from dismantling.

In May 2012, the Navy solicited proposals for the award of up to three contracts for the dismantling and recycling of inactive conventionally-powered aircraft carriers.

All Star Metals is the first of three successful offerors to receive its fa-

See Forrestal, Page 12

USS Rentz confiscates 1,000 kg. of cocaine

From USS Rentz Public Affairs

Less than a week after arriving on station following a port visit in Panama, USS Rentz (FFG 46) and embarked U.S. Coast Guard Law Enforcement Detachment and helicopter squadron disrupted a shipment of 1,000 kg. of cocaine off the coast of Colombia in coordination with the Colombian navy Oct. 9.

Rentz worked closely with the Colombian navy operating in the region to detect and intercept the high-speed vessel suspected of smuggling narcotics in international waters.

Once Rentz detected and confirmed the location of the suspect boat, the Colombian navy quickly intercepted the boat and discovered the illegal contraband. The drugs were taken back to Colombia.

"We are pleased by the overall success of the operation. From the intelligence received from Joint Interagency Task Force



Navy photo by Lt. Cmdr. Corey Barker
 The guided-missile frigate USS Rentz (FFG 46) and the Brazilian navy frigate BNS Rademaker (F 49) maneuver during the UNITAS multinational maritime exercise.

South to the quick response of our Colombian partners," Cmdr. Lance Lantier, commanding officer of USS Rentz said.

The seizure is worth an estimated street value of \$80 million.

"This disruption was a significant event in preventing a substantial amount of drugs from being smuggled into the US and is a perfect example of the teamwork and joint operations we conduct everyday with our partner nations to support Operation Martillo counter transnational organized crime operations," Commander, U.S. Naval Forces Southern Command/U.S. 4th Fleet, Rear Adm. Sin-

clair M. Harris said.

Rentz is currently deployed to the 4th Fleet area of operations in support of Operation Martillo which began in Jan. 2012.

Operation Martillo (Spanish for 'hammer') targets illicit trafficking routes in coastal waters along the Central American isthmus, and is an international, interagency operation led by Joint Interagency Task Force-South, a component of U.S. Southern Command (USSOUTHCOM).

Since Operation Martillo started, 318,133 pounds of cocaine, 25,052 pounds of marijuana worth an estimated \$40 billion have been confiscated.



Navy photo
 Crew members fight fires and explosions on the USS Forrestal's flight deck, in the Gulf of Tonkin, July 29, 1967. The conflagration took place as heavily-armed and fueled aircraft were being prepared for combat missions over North Vietnam.

Tragedy struck in '67 flight deck fire

From navy.mil

The day was a typical one for the 5,000 officers and enlisted men of the attack aircraft carrier USS Forrestal

as the huge, 80,000-ton ship cut a wake through the calm waters of the Gulf of Tonkin.

Overhead, the hot, See Fire, Page 12

Amos

From Page 10

pher Stevens.

"Not only are these world-changing events, but they are very personal to all of us here today," Amos said.

U.S. troops responded in countries such as Yemen, Somalia, Mali, Libya, Afghanistan and Iraq, he said.

"Today, our Marines remain forward-deployed," Amos said. "Marine expeditionary units are stationed around the globe — the 26th, the 13th and the 31st Marines continue to train security forces and deny terrorists safe havens through-

out all of Afghanistan."

When Marines respond to crises, they remain strong, and ready to respond and answer the nation's call, Amos said.

Since the fateful day of the Beirut attacks, the Marines have stayed consistent in character and courage, and those traits have "not wavered and never will," he said.

"Across the globe, extremists have attempted to plot against our freedom and our democracy. They have tested our resolve as a nation. Those men who died 30 years ago would be proud to know that we have never relented," Amos told the audience members, who responded with cries of "Oorah!"

"We have never backed down, and we never will," he said.

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Dahlgren's tech history celebrates diversity

By John J. Joyce

NSWC Dahlgren Division
Corporate Communications

Navy scientists and engineers, famous for building the future fleet, looked back at their history while celebrating the 95th Anniversary of Dahlgren Naval base on Diversity Day Oct. 16.

Naval weapons technology artifacts, including the first gun tested at Dahlgren 95 years ago, bring history to life.

The World War I era seven-inch 45 caliber tractor mounted artillery gun on display seemed to relish its role in igniting the command's history, as Naval Surface Warfare Center Dahlgren Division Commander Capt. Michael Smith spoke to personnel gathered on the parade field.

"The game-changing technology developed here is truly amazing," said Smith. "From the first shot fired over the Potomac River Test Range in 1918, to today's testing and development of the electromagnetic railgun and everything in between, we have used our scientific and engineering expertise to impact our nation's defense at home and abroad."

Volunteers from groups such as the National Society of Black Engineers and the Hispanic Association interacted with government civilians, contractors and military members as

diverse jazz, rhythm and blues, and African-Puerto Rican (Bomba) bands played music in support of the event's theme: "Reflecting the Past... Building the Future."

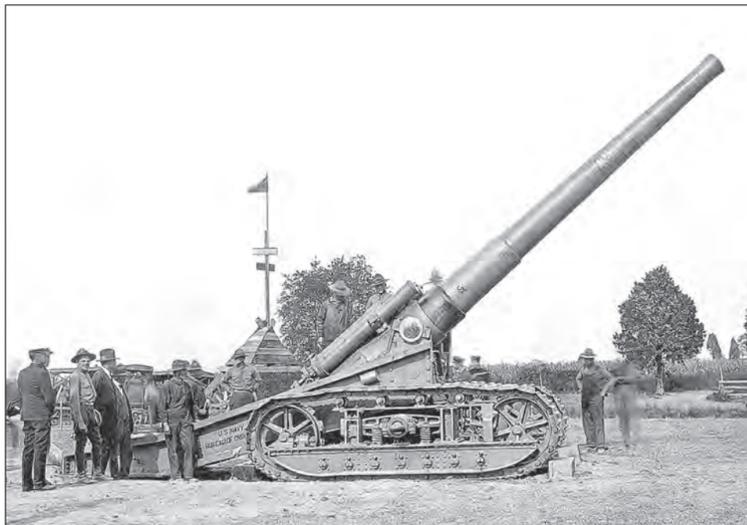
Many of the NSWCDD scientists and engineers in attendance routinely take their technical expertise to sea aboard ships and into war zones to ensure U.S. warfighters can fight, win and come home safely.

Today's leaders in pulsed power and directed energy were also among those who listened intently while Smith and the command's new technical director, Dennis McLaughlin, recounted the history of the base now known as Naval Support Facility Dahlgren.

"Throughout the decades, the Dahlgren Naval Laboratory has been a leader in naval weapons technology," said Smith. "Looking back on the many achievements of the past helps us to plan for the scientific and engineering advancements that will propel the Navy into the future."

Smith and McLaughlin reflected on the impact of Dahlgren's diversity on the command's rich technological history.

"I have seen first-hand the benefits of hiring disabled veterans," said McLaughlin, who led the Navy's Disabled Veteran Outreach efforts and later served as director of the Naval Sea Systems Com-



A 1918 file photo shows the first gun fired at Naval Weapons Station Dahlgren. The World War I-era 7-inch, 45-caliber tractor-mounted gun will be reconditioned and placed on display during Rear Adm. John Dahlgren's 200th birthday commemoration scheduled for Nov. 13.

mand Wounded Warrior Program. "I salute the Dahlgren Division human resource office and Equal Employment Opportunity office for your success in hiring wounded warriors and making sure they are assured of their value to the division and the greater Navy mission."

"We are indebted to men and women who came here from universities and labs all across the country bringing their diverse ideas and their fervor for advancing science, technology engineering and mathematics as well as operational support skills," said Smith. "We are

also grateful to the many members of the local community who invested their futures in supporting the Navy at NSWC Dahlgren. Their diversity of thought coupled with their diversity of cultures and backgrounds have been key to our mission success."

Throughout its history, Dahlgren scientists and engineers provided the Navy's core technical capability for the integration of sensors, weapons, and their associated weapon and combat systems into surface ships and vehicles.

"What makes the warfare center here at Dahlgren particularly effective

is our co-location with our sister commands," said Smith later in the day at another 95th Anniversary Celebration sponsored by the Dahlgren Heritage Foundation at the University of Mary Washington-Dahlgren Campus.

"By working together in partnership, we support the full spectrum of Navy defensive combat systems needs to counter the threats from ballistic missiles, to aircraft, to cruise missiles as well as providing strike capabilities and Naval Surface Fire Support," he said.

NSWC Dahlgren works closely with Aegis Bal-

istic Missile and Naval Air and Missile Defense Commands to provide everything from initial requirements to delivered products. For example, the command's scientists and engineers train Sailors from the Aegis Training and Readiness Center on how to use those products.

"Analysis of what is going on in the world is part of what another sister command here at Dahlgren does," explained Smith. "The Joint Warfare Analysis Center ensures optimal employment of our systems and leads to new requirements and new systems as the world changes. Through our collaborative efforts, we are providing innovative enhancements, analysis and designs that are making a difference to ensure optimal support for our warfighters and the Fleet."

The NSWCDD commander emphasized that it takes a diverse, multi-talented workforce to meet the needs of today's warfighters and provide innovation solutions for the demands facing our future Fleet.

The command's ability to bring together the best and brightest professionals from a broad spectrum of backgrounds and cultures is critical to address today's challenges and ensure our readiness for the Navy's future mission needs anywhere around the globe.

Fire

From Page 11

tropical sun beat down from a clear sky. It was just about 10:50 a.m., July 29, 1967.

The launch that was scheduled for a short time later was never made.

Lt. Cmdr. Robert "Bo" Browning one of the pilots due for launch with many others, he was seated in the cockpit of his fueled and armed Skyhawk; the plane was spotted way aft, to port.

Lt. Cmdr. John S. McCain III said later he heard a "whooshy" sound then a "low-order explosion" in front of him. Suddenly, two A-4s ahead of his plane were engulfed in flaming JP-5. Jet fuel spewed from them.

A bomb dropped to the deck and rolled about six feet and came to rest in a pool of burning fuel.

The awful conflagration, which was to leave 132 Forrestal crewmen dead, 62 more injured and two missing and presumed dead, had begun.

As the searing flames, fed by the spreading JP-5, spread aft and began to eat at the aircraft spotted around the deck, Lt. Cmdr. Browning escaped from his plane. He ducked under the tails of two Skyhawks spotted alongside his and ran up the flight deck toward the island area. Twice, explosions knocked him off balance. But he made it.

The fire soon enveloped all the aircraft in its wake.

It spread to the fantail, to decks below. Bombs and ammunition were touched off in the midst of early fire-fighting efforts. Black, acrid smoke boiled into the sky.

A chief petty officer, armed only with a small fire extinguisher, ran toward the bomb that had dropped to the flight deck. He was killed when it exploded as were members of fire-fighting teams trying to wrestle fire hoses into position. Shrapnel from the explosion was thrown a reported 400 feet.

"There was a horrendous explosion that shook 'Angel Two Zero,'" said Lt. David Clement, pilot of a rescue helicopter from the carrier USS Oriskany (CV 34). "It seemed as if the whole stern of the Forrestal had erupted. Suddenly there were rafts, fuel tanks, oxygen tanks, trop tanks and debris of every description floating in the water below."

Clement and others would be rescuing Forrestal crewmen who jumped, fell or were knocked from the carrier no less than five times within an hour.

Aviation Electrician's Mate 3rd Class Bruce Mulligan, a 22-year-old VA-106 crewman, was all the way aft on the flight deck when he heard explosions.

He turned, saw a "fireball" coming at him and hit the deck. Somehow, he managed to get forward and was headed for a fire hose when he was hit by shrapnel.

He helped a friend with a broken



Crewmen onboard USS Forrestal and its airwing battle the July 29, 1967 blaze on the carrier's flight deck.

leg get to sick bay, then returned to the flight deck.

"Back aft of the island, we started throwing missiles and rockets over the side," he recounted later. "After that was done, I looked around for some of my buddies on the line crew and I could find only one. So we decided to help them fight the fire and got the fire hoses back aft and went to fight the plane fires. My buddy and I stayed back aft for I don't know how long. We got separated and some officer said later to leave."

With strength born of adversity, 130-pound Lt. Otis Kight single-handedly carried a 250-pound bomb to the edge of the hangar deck and threw it over the side.

Lt. j.g. Robert Cates, the carrier's explosive ordnance demolition officer, recounted later how he had "noticed that there was a 500-pound bomb and a 750-pound bomb in the middle of the flight deck . . . that were still smoking. They hadn't detonated or anything; they were just setting there smoking. So I went up and defused them and had them jettisoned."

Cates said one of his men, whom he named only as Black, volunteered to be lowered by line through a hole in the flight deck to defuse a live bomb that had dropped to the 03 level, even though the compartment was still on fire and full of smoke. Black did the job.

Later, Cates had himself lowered into the compartment to attach a line to the bomb so it could be jettisoned.

"We [Black and himself] started picking up everything we could find that had explosives in it and started throwing them over the side," Cates said. "Some squadron pilots came up to me as we went aft. I don't know who they were [and] helped me take a Sidewinder missile off a burning F-4. We just continued working our way aft and taking what ordnance we found off aircraft and throwing it over the side."

At 11:47 A.M., Forrestal reported the flight deck fire was under control.

At 12:15, the ship sent word that

the flight deck fire was out.

At 12:45, stubborn fires remained on the 01 and 02 levels and in hangar bay three.

At 1:48 p.m., Forrestal reported that the fires in the 01, 02 and 03 levels still burned, but that all the ship's machinery and steering equipment were operational.

At 2:12 p.m., the after radio compartment was evacuated because of dense smoke and water. "All fires out on 01 level, port side," the ship reported.

At 2:47 p.m. the compartment fires continued but progress was being made. Forrestal was steaming toward a rendezvous with the hospital ship USS Repose (AH 16).

At 3 p.m., the commander of Task Force 77 announced he was sending Forrestal to Subic Bay, Philippines, after the carrier rendezvoused with Repose.

At 5:05, a muster of Forrestal crewmen both in the carrier and aboard other ships was begun. Fires were still burning in the ship's carpenter shop and on the main deck.

At 8:33 p.m., Forrestal reported that fires on the 02 level were under control but that fire fighting was greatly hampered because of smoke and heat.

At 12:20 a.m., July 30, all the fires were out. Forrestal crewmembers continued to clear smoke and cool hot steel on the 02 and 03 levels.

It was time, now, to begin to assess the damage. There were four gaping holes in the flight deck where bombs exploded, pushing armored steel down and under much like an old-fashioned hole in a beer can.

Stock was taken of the aircraft. It leveled off to a report of 26 either destroyed or jettisoned and 31 more damaged to some extent.

And it was time to arrive at a final toll of dead and injured. For hours, the muster of Forrestal men continued; it was made terrifically difficult because so many of the crew were scattered in other ships.

Compiled and edited by John D. Burlage for Naval Aviation News, 1967

Forrestal

From Page 11

cility security clearance, which is required prior to contract award. After the initial award of one carrier to each successful offeror, the Navy has the capability of scrapping additional conventionally-powered aircraft carriers over a five-year period under delivery orders competed between the three contractors.

All Star Metals will now develop its final tow plan for the Navy's approval for the tow of ex-Forrestal from its current berth at the Navy's inactive ship facility in Philadelphia to All Star Metals' facility in Brownsville.

The ship is expected to depart Philadelphia be-

fore the end of the year. Navy civilian personnel will be on site full time to monitor the contractor's performance during dismantling of the ship.

Forrestal was decommissioned Sept. 11, 1993, after more than 38 years of service.

On June 16, 1999, the Navy announced the ship would be available for donation to an eligible organization for use as a museum or memorial. However, no viable applications were received and the vessel was removed from donation hold in December 2003 and redesignated for disposal.

The first of the "super-carriers," Forrestal was launched Dec. 11, 1954, by Newport News Shipbuilding and Drydock Co., and commissioned Sept. 29, 1955.



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Navy photo
Aircraft carriers USS Midway (CV-41), the USS Ranger (CV-61), the USS America (CV-66) and USS Theodore Roosevelt (CVN-71) in Battle Force Zulu.



DoD photo
The battleship USS Wisconsin (BB-64) launches a BGM-109 Tomahawk missile against a target in Iraq during Operation Desert Storm.

Air strikes, Tomahawks soften Saddam

By Edward J. Marolda
Senior Historian, Naval
Historical Center

As U.S. and allied ground and air forces grew in strength on the Arabian Peninsula during August 1990, naval forces put up a strong shield to protect the country's airfields and three critical gulf ports; al Jubayl and ad Dammam in Saudi Arabia and Mina Sulman in Bahrain.

An attack on these ports by Saddam's 700-plane air force, 165-vessel navy, or saboteurs could have been devastating to the allied buildup.

On hand to counter air or surface vessel threats were cruisers equipped with the advanced Aegis battle management system, and carriers, battleships, destroyers, frigates, and other combatants operating a lethal array of aircraft, missiles, and guns. SEALs and Coast Guard and Navy port security/harbor defense units guarded the ports.

By Sep. 1, the naval contingent in the region was formidable and included three U.S. carriers, one battleship, six cruisers, five destroyers, eight frigates, and numerous warships from other coalition navies.

Other important units, including Seabee construction battalions and hospital ships USNS Mercy (TAH-19) and USNS Comfort (TAH-20), staffed by Naval Reserve doctors, nurses, and other medical support personnel, had arrived in the region or were en-route.

One of the first ground combat formations to reach Saudi Arabia was the 7th Marine Expeditionary Brigade. The unit's equipment and supplies were delivered by the ships of Maritime Prepositioning Squadron 2, anchored year-round at Diego Garcia in the Indian Ocean for just such a contingency in the Persian Gulf.

The arrival of another MEB enabled the formation of I Marine Expeditionary Force, under Marine Lt. Gen. Walter

Boomer. These Marines and the Soldiers of the Army's 82nd Airborne Division soon stood ready to defend Saudi Arabia.

To provide these troops with armored muscle, eight special Fast Sealift Ships of the Military Sealift Command were dispatched from the United States with hundreds of Abrams main battle tanks and Bradley armored fighting vehicles on board.

By early November 1990, the 173 ships involved in the sealift operation and the transport planes of the Military Airlift Command had deployed such strong forces to Saudi Arabia that fears for the defense of the country largely evaporated.

While taking full advantage of the sea, naval forces of the UN coalition denied the Iraqis access to it.

In August, the United Nations Security Council adopted resolutions that authorized coalition naval vessels to embargo Iraqi overseas trade, with armed force if necessary.

The resolutions' advocates hoped that the embargo would induce Saddam to withdraw his forces from Kuwait but at the least prevent him from importing tanks, guns, and

planes. On Aug. 17, a Maritime Interception Force, established under Vice Adm. Henry H. Mauz Jr., commander U.S. Naval Forces, Central Command, began operating in the waters around Saudi Arabia.

Eventually, warships from Argentina, Australia, Belgium, Canada, Denmark, France, Greece, Italy, Netherlands, Norway, Spain, and the United Kingdom joined the effort.

American P-3 Orion, British Nimrod, and French Atlantique patrol planes also took part in the operation. With the greatest resources in the area, the U.S. Navy was recognized as "first among equals" and in that capacity coordinated periodic meetings to decide on matters such as patrol sectors and search proce-



DoD photo
An M113 Armored Personnel Carrier towing another M113 APC disembarks from the Navy Ship Pollux, a Fast Sealift Ship designed to upgrade lift capability and expand Army preposition afloat program. Ships like these moved vehicles for Desert Storm.

dures. Normally, the patrol planes would spot a merchantman and direct coalition surface units to her. Once contact was made, the commanding officer of a warship would communicate with the master of the merchant vessel by radio and gather information about her identity, point of origin, destination, and cargo.

Boarding parties that routinely included American Sailors and Coast Guardsmen, the latter members of Law Enforcement Detachments, were dispatched to suspicious ships to investigate their manifests and cargo.

Those ships found carrying prohibited cargo were ordered to the ports of the coalition's Arab members for impoundment.

If a master refused to stop for inspection, the allies used helicopters to drop armed teams onto the ship. These men then secured the bridge and took control of the vessel.

An example of one such operation was on Oct. 28, 1990, when the master of the Iraqi oil tanker Amuriyah would not speak by radio to the on-scene naval commander or stop his vessel for inspection.

Even though an F-14 Tomcat and an F/A-18 Hornet from Indepen-

dence made low passes over the ship and USS Reasoner (FFG-1063) and Australian guided missile frigate Darwin fired warning shots across her bow, the vessel's master still refused to heave to. Eventually, helicopters lowered Marines onto the ship and with the reinforcement of Navy SEALs, coastguardsmen, and British and American Sailors the allies took control.

Saddam must have been testing the coalition's resolve, for the ship carried no prohibited cargo. She was allowed to proceed.

The embargo patrol did not force the Iraqis to quit Kuwait, but it did prevent Saddam from acquiring more arms, ammunition and spare parts or sell oil to finance his war effort.

The operation also strengthened the international coalition, because it showed the governments and peoples of many countries that UN military measures could be executed without heavy casualties or indiscriminate use of force.

This consensus was valuable in the fall of 1990, when President George H.W. Bush decided to launch a campaign to oust the Iraqi army from Kuwait and restore the country to its people. General Schwarzkopf developed a



Marine Corps photo by Sgt. Jesse J. Johnson
Marines with visit, board, search and seizure assault force fastrope from an MH-60S Seahawk Helicopter onto the deck of a ship during a maritime interception operation exercise. Marines used similar tactics to stop the Iraqi oil tanker Amuriyah.

four-phase air, land, and sea campaign plan that would require the deployment to the theater of 200,000 more American service men and women. Additional units included three additional carrier battle groups, another battleship, a Marine expeditionary force, a Marine expeditionary brigade, more than 400 Air Force planes and the Army's VII Corps.

As these new forces headed for the Persian Gulf, Vice Adm. Stanley R. Arthur replaced Vice Adm. Mauz and took additional measures to prepare U.S. naval forces for war. He established Battle Force Zulu in the Persian Gulf and Battle Force Yankee in the Red Sea. Carrier air squadrons practiced operating with Air Force units, the amphibious components carried out landing exercises, and the fleet's battleships, destroyers, and frigates prepared for naval gunfire support and anti-aircraft operations.

In the early morning hours of Jan. 17 1991, the UN coalition launched Operation Desert Storm.

Tomahawk land attack missiles fired by ships in the Red Sea and the Persian Gulf, and later by a submarine in the Eastern Mediterranean, began hitting targets throughout Baghdad, the capital of

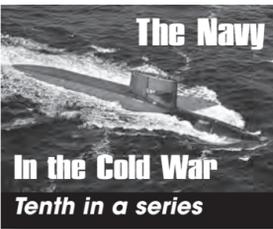
Iraq. That day or soon afterward, attack, fighter, electronic countermeasures and other aircraft from carriers USS John F. Kennedy (CV-67), USS Saratoga (CV-60), USS America (CV-66), USS Ranger (CV-61), USS Midway (CV-41), and USS Theodore Roosevelt (CVN-71) struck other enemy sites in Iraq.

In the next few weeks Navy cruise missiles and the bombs and missiles of Navy, Air Force and coalition aircraft destroyed leadership and communications sites, air defense radars, military depots, airfields, bridges, naval bases, and facilities connected with nuclear, biological, or chemical weapons throughout Iraq and Kuwait.

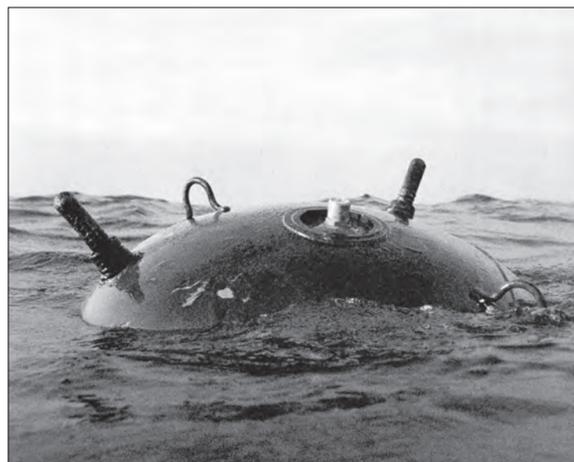
Simultaneously, allied fighters established air superiority, shooting down almost all of the Iraqi MiGs and Mirages that rose into the sky to challenge them.

The Navy's two kills occurred on the first day of the war when Lt. Cmdr. Mark I. Fox and Lt. Nick Mongillo, flying F/A-18 Hornets from the Red Sea-based carrier USS Saratoga, each destroyed a MiG-21 with Sidewinder and Sparrow air-to-air missiles.

Next: Desert Storm frees Kuwait



DoD photo
Left, three members of Helicopter Mine Countermeasures Squadron 14 stand by in a small boat as two other squadron members prepare a Mark 105 hydrofoil mine-sweeping sled for use during Operation Desert Storm. Right, An Iraqi mine floats in the waters of the Persian Gulf. More than 1,275 such mines were discovered in the gulf during Operation Desert Storm.



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16TH Annual Tent Sale Event

You are invited to a PRE-OWNED VEHICLE SALES EVENT!

**This Thursday, Friday, Saturday,
and Sunday,
October 31st – November 3rd.**

Regardless of what you owe on your current vehicle and even if you have high lease or loan payments, we will pay it off when we make a deal and send you home in one of our Pre-owned vehicles. All applications will be accepted with the submission of this private invitation.

All used cars, trucks, vans, & sport utilities will be marked with a price on the front windshield. Plus, for this 2013 event, ZERO DOWN PAYMENT may be available for qualified buyers. You will have access to over 14 different finance and lending institutions... you will be able to receive the lowest payment possible for the vehicle of your choice. These prices can be thousands less than the listed price.

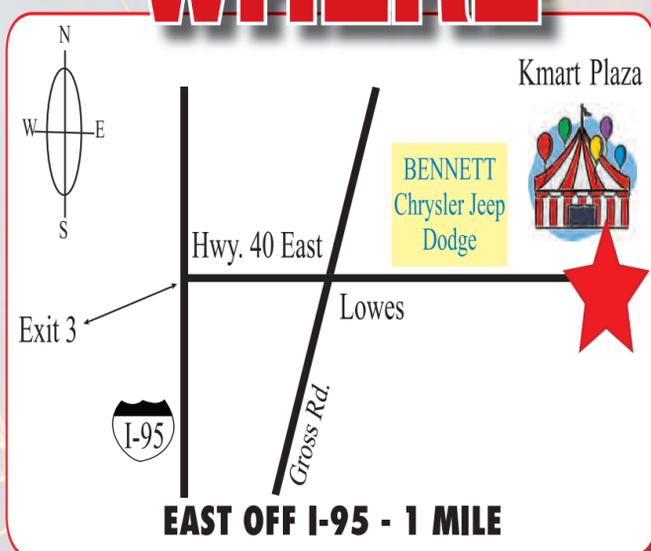
Due to the huge success of truck sales, we are currently over stocked with used trucks, SUVs, & ALL makes & models of imported and domestic cars.

WHEN THE TENT GOES UP, PRICES COME DOWN!

BAD CREDIT • NO CREDIT • FIRST TIME BUYER • JUDGEMENT - WE CAN HELP!

OVER 3 MILLION DOLLARS IN PRE-OWNED INVENTORY

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WHEN

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10:30am - 6:00pm
FRIDAY, NOVEMBER 1ST
10:30am - 6:00pm
SATURDAY, NOVEMBER 2ND
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SUNDAY, NOVEMBER 3RD
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