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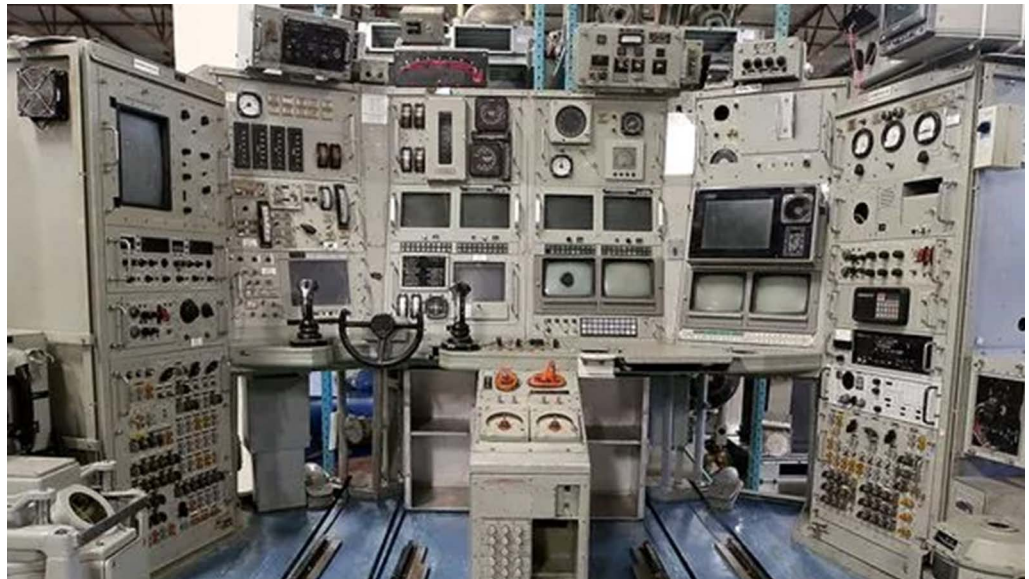
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NR-1 Control Room Preserved

■ New Addition to Naval Undersea Museum



A section of the "Nerwin," at the Keyport Undersea Museum on Tuesday, May 8, 2018 (Photo: MEEGAN M. REID / KITSAP SUN)



We're especially thankful for their commitment to educating the community — and our Navy family — on the men and women, the vessels, the mission and the legacy of our Navy's undersea warfighters."

Capt. Howard Markle
PSNS Commanding Officer

The U.S. Naval Undersea Museum at Keyport has a new addition to its archives – the salvaged control room of the legendary, one-of-a-kind Cold War-era miniature submersible *NR-1*.

Adm. Hyman G. Rickover, the father of the nuclear Navy, conceived the idea for the "Nerwin," as it was affectionately known by its crewmembers, following the loss of the submarine *USS Thresher* in 1963.

After the tragedy that claimed the lives of all 129 crew and civilians aboard, Rickover dreamed up the idea for the small, deep submergence vessel with a compact nuclear propulsion plant and wheels

that could drive along the ocean floor to increase the Navy's investigative abilities in the deep. The 145 foot-long *NR-1*, which was 13 feet in diameter, was launched on Jan. 25, 1969. During the next 40 years, the sub undertook a variety of missions – including search, recovery, oceanographic research, geological surveys and installing and maintaining underwater equipment – as well as countless military missions that are still classified today.

To date, the mini-sub is the only nuclear-powered research submarine ever built or operated.

Among some of its most notable de-classified escapades, the *NR-1*

recovered an F-14 fighter aircraft lost in the Atlantic Ocean in 1976, recovered lost components of the Space Shuttle *Challenger* in 1986, surveyed the wreckage of the *Titanic's* sister ship *HMHS Britannic* in 1995, discovered three ancient Roman shipwrecks in the Mediterranean Sea in the late 1990s and investigated the remains of the Civil War-era ironclad *USS Monitor*.

READ THE FULL ARTICLE

NOTE: The Navy Undersea Museum will be a venue for part of the 2018 HNSA Conference on 25-28 September. Attendees at this year's conference in Bremerton, WA, will be able to visit the Keyport Museum during the Friday afternoon session.

News Around the Fleet



■ NPS and MARAD Announce \$2.6 Million in Maritime Heritage Preservation

The National Park Service recently announced \$2.6 million in maritime heritage grants to assist funding 34 preservation and education projects in 14 states and the Northern Mariana Islands. In partnership with the U.S. Department of Transportation’s Maritime Administration (MARAD), the National Park Service awarded grants for projects that teach about and preserve sites and objects related to our nation’s maritime history.

“Since 2014, MARAD has provided more than \$7 million in funding to support our nation’s maritime heritage projects,” said Maritime Administrator Mark H. Buzby. “These ships, lighthouses and other strategic maritime vessels have played an integral role in our nation’s success at sea. By preserving these maritime artifacts, we hope to inspire future generations with America’s maritime legacy.”

“From exploration, to industry, and military conflict, these grant projects tell the story of our nation’s history through a maritime lens”

Dan Smith
National Park Service Deputy Director

HNSA Recipients:

Maritime Museum Association of San Diego	A Preservation Project to Ensure the Long-Term Integrity of the Sailing Ship <i>Star of India</i>	\$200,000
San Francisco Maritime National Park Association	USS <i>Pampanito</i> World War II Submarine Preservation Project—Phase II	\$174,945
USS <i>Constitution</i> Museum	A Sailor’s Life for Me: Optimizing Online Resources for Mobile Responsiveness	\$50,000
Project Liberty Ship	Preservation of Hull and Underwater Portions of SS <i>John W. Brown</i>	\$200,000
Destroyer Escort Historical Museum	Shipyard Repair of USS <i>Slater</i> Mast and Hull	\$200,000
Carnegie Institute	The <i>Requin</i> Gateway Project	\$49,771

FULL LIST OF RECIPIENTS





“Let’s not forget the values this ship was defending”

- Tahesha Way
NJ Secretary of State

New Jersey Celebrates 75 Years

Battleship New Jersey

Veterans, dignitaries and even some former crew members came together Wednesday to celebrate a battleship like no other.

Guests from throughout the state and beyond made their way to the banks of the Delaware River for the 75th anniversary of the commissioning of the country’s most decorated battleship, the USS *New Jersey*.

Retired Navy Capt. Walter Urban thanked the dozens who came out to commemorate and celebrate the battleship that’s become a museum.

Former crew member Stephen Sheehan and chairman of the board of trustees for Home Port Alliance for the USS *New Jersey* proudly shared a few thoughts about serving on the ship.

“Fifty years ago, I came aboard the *New Jersey* as a proud 19-year-old sailor, one of the few battleship sailors in the world,” Sheehan said of his service on the ship as it readied to go to Vietnam.

“We set a speed record for battleships — 35.2 knots, 40.5 mph, a record this ship still holds,” he continued. “We reversed engines and it took two miles for the ship to stop.”

He went on to say that the ship proved its worth after arriving off the coast of Vietnam.

“In a little over a year we fired more shells than it did in World War II and Korea combined,” Sheehan said.

[Read the Full Story](#)

■ New Jersey Gun Barrel Dedication at Philadelphia Navy Yard



A 16-inch gun barrel, once used aboard the USS *New Jersey* in World War II and the Korean War, will be formally dedicated as a memorial at the Marine Parade Grounds at the Philadelphia Navy Yard during a ceremony at 2pm on Wednesday, May 23, which also is the 75th anniversary of the Commissioning of the USS *New Jersey* into the United States Navy.

“To dedicate the barrel on this important date is a fitting ending to the journey of this historic gun barrel,” explained Phil Rowan, the CEO/Executive Director of the Battleship *New Jersey* Museum

and Memorial.

“From saving the barrel from being scrapped over a year ago, to transporting it by railroad, to now having it as the permanent display at the historic Navy Yard is a great accomplishment. We thank PIDC, and all our donors and partners for their part in this significant piece of history.”

The 16-inch gun barrel, which is 68-ft long and weighs 120 tons, was removed from the USS *New Jersey* in 1954. The barrel, which once fired a 2,700-lb projectile as far as 24 miles, was relined and placed in storage with two other 16-inch barrels at Nor-

folk Naval Shipyard’s Saint Juliens Creek Annex, where they laid for more than 60 years.

The Battleship *New Jersey* Museum and Memorial, however, had other plans for the gun barrels. Funds were raised and partners such as the Norfolk Southern Railroad and the Mahan Collection assisted in moving the barrels. Now all three barrels have new homes and are being restored.

One barrel will be on landside display at the Battleship *New Jersey*, one will be on display at the Mahan Collection in Basking Ridge, NJ, and the third gun barrel will be on display for visitors to the Navy Yard. The Navy Yard’s Marine Parade Grounds, located at South Broad Street & Intrepid Avenue, is fitting location for the 16-inch barrel.

[FULL PRESS RELEASE](#)

■ HIKVISION Surveillance System Aboard Battleship North Carolina

Hikvision USA Inc., a top provider of artificial intelligence, machine learning, robotics and other emerging technologies, and the leading supplier of video surveillance products and solutions, provided a new, high-resolution IP security system installed by Hikvision integrator ADT/Protection 1, to upgrade security for the Battleship *North Carolina*, a national historic landmark in Wilmington, N.C.

A stationary nine-level ship and museum, the Battleship *North Carolina* is a memorial honoring the 11,000 North Carolina service members who perished in World War II, along with all veterans. Visitor attractions include mess halls, the engine room, the bridge, and



the Combat Information Center. "The combination of Hikvision camera models and thoughtful camera placement has produced a broad surveillance umbrella for the Battleship *North Carolina* landmark, and also has some amazing views," said Jason Summers, commercial sales at ADT/Protection 1. The ship's cabling

posed the biggest challenge, Summers said. "The USS *North Carolina* had a team of volunteers that handled cabling onboard the ship. Once the old coax cabling was removed, connecting the cameras and network was relatively easy."

[READ THE FULL STORY](#)

■ USCGC *Taney* Hull Preservation Fund



USCGC *Taney* while last dry docked in 2003

In conjunction with the 2016 National Park Service Maritime Heritage Grant for USCGC *Taney*, Historic Ships in Baltimore has begun fundraising for grant matching funds. The \$152K NPS grant for dry docking and preserving the ship's hull must be matched with private donations, donated services and grants from other agencies to furnish a total of some \$300K to repair, stabilize and coat *Taney's* underwater hull body.

The *Taney* Hull Preservation Project, which is planned to commence in the spring of 2019, will involve dry docking, hull cleaning, steel repair, zinc anode renewals, and several coats of epoxy hull

paint to preserve the ship's underwater shell plating. *Taney* was last dry docked for a similar project in 2003 at the US Coast Guard Yard, Curtis Bay. *Taney's* hull, which was extremely well built by the Philadelphia Navy Yard in 1935, requires periodic maintenance and paint renewal for long term preservation.

A huge thanks to the individuals who have recently kicked off the fundraising effort with donations to the project.

For more information, and to contribute to this worthwhile project, visit [HERE](#).

■ PT-305 Wins Award

Our Fleet Member, The National World War II Museum in New Orleans and the PT-305, was awarded the 2018 Don Turner Award by the USS *Constitution* Museum for their efforts at restoring PT-305 and bring the boat back to operations on Lake Pontchartrain. This award honors Don Turner, former head of USS *Constitution* Maintenance and Repair Facility, for his singular contribution

toward the preservation of "Old Ironsides" and the skills that built her, as well as his knowledge of and dedication to the ancient art



of shipbuilding, and to recognize others who are similarly dedicated to maritime preservation and advances in ship construction and design. Criteria To be awarded annually to a person or team of people, professional or amateur, who have contributed significantly to efforts to preserve important vessels or who have made significant contributions to our knowledge and understanding of ship design and construction.

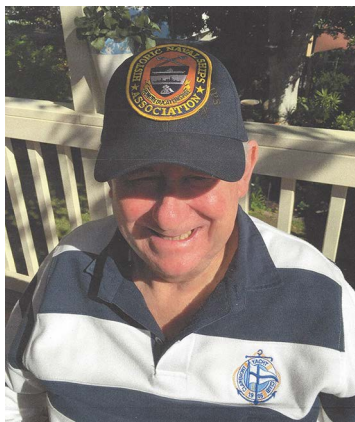
[VIEW PHOTOS](#)

■ HNSA Member Receives Order of Australia Medal

Lloyd William Blake received the prestigious Order of Australia Medal in January 2018 for exemplary Service to his country in the preservation of Australian Naval and Maritime History.

A Senior Sailor, Lloyd served in the Australian Submarine Squadron for nine years during his RAN service. Prior to volunteering for Submarines Lloyd saw active service in Vietnam and Far East Strategic Reserve.

He is the founding Vice President of the Submarine Institute Australia, member and former



Here Lloyd proudly wears his new HNSA Baseball cap in 2016! Congratulations to Lloyd and thank you for your Service but also for being a part of the Historic Naval Ships Association!

State President of the Submarine Association Australia, a member of the International Historic Naval Ships Association, Australian Naval Association, and the Royal Navy Friends of Submarine Museum.

Retiring from the RAN in 1975, Lloyd was employed teaching marine science and navigation at TAFE Western Australia. Appointed State Director of Yachting Australia, Lloyd also held a position of journalist with News Limited. Articles on marine technology, Naval history and yacht racing were published locally in the *Sunday Times* and across Australia. Syndicated, the material was distributed to News Corp outlets in North America and Europe. Lloyd has written two books on Australian Submarine history.

Lloyd joined Curtin University in 1986 as Director of International Marketing. During his tenure projects included: training of Curtin University's professional network in SE Asia, offshore operations in the Middle East, China

and Africa, and he established Curtin University Study Abroad Office in Minneapolis, Minnesota.

In retirement Lloyd races his yacht at Claremont Yacht Club.

The Submarine Institute Australia appointed Lloyd to lead the Australian Submarine Centenary Project, 1914-2014. A voluntary role, Submarine Centenary created awareness of the history, achievements and capabilities of Australians who served in Submarines.



Canadian World War II Destroyer Becomes Ceremonial Flagship

A 75-year-old destroyer and World War II and Korean War veteran officially became the Royal Canadian Navy's flagship in a ceremony on May 26 in Ontario.

The ceremony was part of a two-day community event co-hosted by the Royal Canadian Navy and Parks Canada, in collaboration with the Royal Canadian Sea Cadets, the Royal Canadian Air Force, the Canadian Warplane Heritage Museum, the Oshawa Military and Industrial Museum, and the City of Hamilton.

Through this ceremonial designation, HMCS *Haida* will fly the Canadian Naval Ensign and observe traditional sunrise and sunset ceremonies during its operating

season from May to October. There will also be a Honorary Commanding Officer appointed to the vessel.

In the evening of May 26th, a traditional sunset ceremony was held followed by HMCS *Haida*'s transformation into an illuminated living memorial in remembrance of the fallen of the battles of the Atlantic and the St. Lawrence. During the Second World War, HMCS *Haida* joined the Arctic convoys, escorting merchant ships on the Murmansk Run to Russia. The vessel patrolled the English Channel as part of preparations for D-Day and played an active role in the Allied invasion of Normandy. HMCS *Haida* subsequent-

ly served in the Korean War and the Cold War before being retired from active service in 1963, earning the moniker "fightingest ship" of the Royal Canadian Navy.

This year marks HMCS *Haida*'s 75th anniversary of first entering into service. The last remaining Second World War Tribal-class destroyer in the world, the vessel was among the fastest and most powerful of its kind at that time.

[READ THE FULL STORY](#)

HAIL AND FAREWELL



■ Texas Welcomes Amanda Carter

We are excited to announce the selection of Amanda Carter as the Lloyd J. Gregory Collections Management Intern for 2018. The Battleship Texas Foundation provides funding for this annual program, which began in summer 2017. Throughout the course of the 400-hour internship program, the intern assists full-time staff in conducting a partial inventory of artifacts in the ship's historic collections. The inventory process includes creating and editing digital images of artifacts, performing condition reports, and updating descriptions and locations in the collections management database, Re:discovery. The intern gains hands-on experience in applying best practices in creative ways to meet the real-world constraints (such as limited budget) that frequently impact collections management practices in historic sites. Curatorial staff will supervise this position and look forward to having Amanda's assistance with on-going inventory and digitization efforts. Amanda has a B.A. in History from the University of Texas and earned the M.A. degree in Public History from Texas State University. She gained extensive experience working with archival materials and twentieth-century artifacts while serving as the Intern for Museum Collections for the Lyndon Baines Johnson Presidential Library and Museum in Austin. We are grateful to Battleship Texas Foundation for funding this internship and continuing to support collections management on the ship. Welcome aboard, Amanda!

■ From HSB to New Jersey



Ryan Szymanski on
USCGC Taney

After more than 11 years with the organization, Ryan Szymanski of Historic Ships in Baltimore, moved on to a senior position in Camden, NJ, aboard the Battleship USS *New Jersey* (BB 63) in December 2017.

Ryan began his tenure at HSB as an educator and tour guide aboard USS *Constellation* in 2006 as a summer job while in high school. During his studies at the University of Maryland Baltimore County, he remained with the organization on a part-time basis and conducted numerous tours, public programs and overnight scout encampments aboard USS *Constellation*, USS *Torsk*, and USCGC *Taney*.

■ Texas Welcomes Two New Staff Members

Please welcome the two newest members of the Texas Parks and Wildlife Department (TPWD) family Mr. Bryan (Felder) Brakeman and Mr. Michael (Mike) Weaver.

Bryan will be the Lead Maintenance Specialist V aboard the Battleship *Texas*. Born in Baytown, Texas, Bryan grew up in Huffman. After graduating Hargrave High School Bryan held various jobs until he decided the way to go was to join the military which is what he did in 1986.

Lots of changes were in store for Bryan that year not only did he enlist in the United States Navy but he met and married the love of his life Elizabeth. He spent the next ten years in the Navy and then decided it was time to retire he returned to civilian life and attended Lee College where he earned a certificate in Process Technology of Applied Science. Bryan used that knowledge and spent the next eleven years working in the oil and gas industry.

Bryan and Elizabeth have four grown kids and five grandkids. He enjoys trail biking, dirt track racing, hunting and participating in fishing tournaments.

Next up to welcome is Mike Weaver who started his career with TPWD aboard the Battleship *Texas*. Mike was hired on as our new Maintenance Specialist III.

Originally from Kiel, Wisconsin he now calls home Hitchcock Texas. After graduating from Kiel High School he spent a couple of years in the construction business remodeling homes and then moved on to auto mechanics.

Eager for a change he decided to attend welding school at Texas City Metals & Inc where he earned his certificate as a Pipe Welder. It's actually quite ironic that Mike is now working on the Battleship *Texas* because back in 1988-1989 when the ship went to dry dock at Todd's Shipyard in Galveston, TX, he spent a year as Boilermaker Welder aboard the ship. He then spent the next sixteen years building ground storage tanks with British Petroleum (BP) on their tank farm.

Mike has two grown children one boy one girl and one grand-daughter. His favorite hobby is motorcycling. Welcome aboard to Brian and Mike.



Brian Brakeman



Mike Weaver



JOB BOARD

Wisconsin Maritime Museum Seeking Collections Manager/Registrar

Send applications to: Cathy Green, Deputy Director WMM cgreen@wisconsinmaritime.org or call 920-684-0218 x120 for more information. **APPLY NOW**



Background: The Collections Manager/Registrar at the Wisconsin Maritime Museum performs and manages essential museum-related collections and management tasks. As the State's official maritime museum, the Wisconsin Maritime Museum cares for a collection of nearly 10,000 objects, including the WWII submarine USS *Cobia*. In addition, the collection includes 60,000 photographs, 7,000 books, 15,000 periodicals, 9,000 blueprints, and a large manuscript collection. It is one of the largest maritime collections on the Great Lakes and reflects the museum's mission of documenting the role of Wisconsin in maritime history.



Historic Naval Ships Association

To Support the Preservation of Historic Naval Vessels &
To Honor Those Who Serve at Sea



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