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MONDAY AGENDA

START TIME		GENERAL SESSIONS	INVITATION ONLY	DETAILER SESSIONS	DISCUSSION GROUPS
1000	EXHIBIT HALL OPEN		PMS 397 CAPT Jonathan Rucker, USN	DETAILER SESSION ENLISTED Forward Ratings	
1030					
1100					
1130					
1200		NSL ANNUAL MEETING VADM John Donnelly, USN, RET			
1230					
1300		ADM Frank Caldwell, USN Director, Naval Nuclear Propulsion Program			
1330					
1400		VADM Daryl Caudle, USN Commander, Submarine Forces			
1430					SUB CLUB
1500		VADM Phillip Sawyer, USN Deputy CNO for Operations, Plans & Strategy			
1530					
1600		RDML Edward Anderson, USN Commander, Undersea Warfare	PMS 401 CAPT Christopher Polk, USN	DETAILER SESSION OFFICER Division Officer, Post Division Officer and Department Heads	
1630					
1700		Navy Reserve Panel			
1730					

TUESDAY AGENDA

START TIME		GENERAL SESSIONS	INVITATION ONLY		DETAILER SESSIONS	DISCUSSION GROUPS	
1000	EXHIBIT HALL OPEN		PEO Maritime CDR Delwiche, USN		DETAILER SESSION ENLISTED Aft Ratings		
1030							
1100			PMS 406 CAPT Pete Small, USN			MENTORING	
1130							
1200		The Honorable Kenneth Braithwaite Secretary of the Navy					
1230							
1300		Training and Readiness Panel					
1330							SUB CLUB
1400		VADM Johnny Wolfe, USN Strategic Systems Programs					
1430							FACILITIES CLEARANCES
1500		RDML Scott Pappano, USN Strategic Systems Programs					
1530							
1600		RADM Blake Converse, USN Commander, Submarine Force PACFLEET					DETAILER SESSION OFFICER Post Dept Head, XO and Post XO
1630							
1700		IWS 5A CAPT Peter Scala, USN, Ret.					
1730							

WEDNESDAY AGENDA

START TIME		GENERAL SESSIONS	INVITATION ONLY	DETAILER SESSIONS	DISCUSSION GROUPS
1000	EXHIBIT HALL OPEN		PMS 404 CAPT Mark Parrella, USN	DETAILER SESSION ENLISTED COB/EDMC/Branch Heads	
1030					
1100			PMS 415 Bob Jackson		
1130					
1200		RADM William Houston, USN Director, Undersea Warfare, N97			
1230					
1300		FORCM(SS) Steve Bosco, USN Atlantic Submarine Fleet			
1330					CMMC
1400		Industry Panel			
1430					
1500		Congressman Jim Langevin (RI-02)			
1530					
1600	RADM David Goggins, USN PEO Submarines			DETAILER SESSION OFFICER Command and Above	
1630					
1700		Legacy Society Members and Guests Brief ADM Bill Owens, USN, Ret.			
1730					



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SPEAKERS



Rear Adm. Edward L. Anderson is a native of Glendora, California, and a 1990 graduate of United States Naval Academy with a Bachelor of Science in Systems Engineering. He holds a Master of Business Administration with honors from Indiana University and is a graduate of the Aspen Institute seminar on Global Leadership.

His sea tours include division officer, USS Newport News (SSN 750); strategic

REAR ADMIRAL EDWARD ANDERSON, USN *COMMANDER, UNDERSEA WARFARE*

weapons officer, USS Ohio (SSBN 726) (Blue); and executive officer, USS Jefferson City (SSN 759). Four years after departing his executive officer tour, Anderson assumed command of Jefferson City in July 2008. He also is qualified for command in UK submarines following completion of "Perisher" in October 2007.

Ashore, Anderson has served as space control officer in Cheyenne Mountain, U.S. Space Command; submarine operations officer, Commander, Allied Naval Forces South, Naples, Italy; submarine operations and anti-submarine warfare training officer, Commander, Strike Force Training Pacific; deputy director, Navy Programs and Congressional liaison, Undersea Warfare and Strategic Programs, Navy's Office of Legislative Affairs; assistant program manager, Common Submarine Radio Room; Major program manager,

Undersea Integration (PMW 770).

Anderson was selected for flag officer in March 2017 and was then selected to serve as deputy commander, Fleet Readiness director, Space and Naval Warfare Systems Command in May 2017. He assumed his duties as deputy commander for Undersea Warfare in June 2019.

Anderson's decorations include the Legion of Merit, Defense Meritorious Service Medal, Meritorious Service Medal (three awards), Joint Commendation Medal, Navy and Marine Corps Commendation Medal (two awards), Joint Achievement Medal, Navy and Marine Corps Achievement Medal (four Awards) and various campaign, unit and service awards.



Force Master Chief Steven W. Bosco, a native of Bayshore, New York, enlisted in the United States Navy through the delayed entry program in October 1993 and reported to basic training in Recruit Training Command, Orlando, Florida, in January 1994. Following completion of basic training, he completed Torpedoman "A" School.

In July 1994, Master Chief Bosco reported to the Weapons Facility in Point Loma, California. It was during this tour he volunteered for submarine duty. Upon

MASTER CHIEF STEVEN W. BOSCO, USN *FORCE MASTER CHIEF, SUBMARINE FORCE ATLANTIC*

completion of Basic Enlisted Submarine School in Groton, Connecticut, he reported to USS Pittsburgh (SSN 720) in October 1995. While attached to Pittsburgh, he completed three Mediterranean Deployments. In January 2001, Master Chief Bosco transferred to his first shore tour, Performance Monitoring Team New London, where he was selected to Chief Petty Officer in 2002.

Master Chief Bosco returned to sea duty in February 2004 aboard the USS Seawolf (SSN 21), where he completed two Western Pacific Deployments including an under ice transit. In January of 2009, he transferred to COMSUBDEVRON 5, where he served as the Weapons Assistant and earned the Deep Submergence Insignia, advanced to Senior Chief, and qualified Chief of the Boat.

Master Chief Bosco graduated from the Senior Enlisted Academy in September

2012 and reported to USS Alabama (SSBN-731) (BLUE) to serve as Chief of the Boat. During his tour, Alabama completed three nuclear deterrent patrols and earned two consecutive COMSUBRON 17 Strategic "S" and three consecutive Retention Excellence awards. In addition, he was selected to Master Chief and selected into the Command Master Chief program. He served on the staff of Commander, Submarine Squadron 15 as the Command Master Chief and most recently served on the staff of Commander, Submarine Group Seven as the Command Master Chief.

His decorations include the Meritorious Service Medal (3 awards), Navy and Marine Corps Commendation Medal (2 awards), Navy and Marine Corps Achievement Medal (5 awards) and various unit and campaign awards.

SPEAKERS



The Honorable Kenneth J. Braithwaite was sworn in as the 77th Secretary of the Navy May 29, 2020. He previously served as the 31st U.S. Ambassador to the Kingdom of Norway.

Secretary Braithwaite graduated from the U.S. Naval Academy in 1984 and was commissioned as an ensign in the U.S. Navy. In 1995, he earned a master's degree in government administration, graduating with honors from the University of Pennsylvania, Fels School of Government.

The Secretary was designated a naval aviator in April 1986. His first operational assignment was to Patrol Squadron (VP) 17, Naval Air Station, Barbers Point, Hawaii, where he flew anti-submarine missions tracking adversary submarines throughout the greater Pacific and Arctic regions.

In April 1988, Secretary Braithwaite redesignated as a public affairs officer with his initial tour aboard the aircraft carrier USS America (CV 66). Additional duty assignments included Commander Carrier Group 2 and Commander, Striking Force U.S. 6th Fleet. He made both a North Atlantic Treaty Organization Force deployment to the North Atlantic operating above the Arctic Circle and a Mediterranean and Indian Ocean cruise where the battle group responded to tensions in the Persian Gulf. In 1990, he was assigned to the staff of Commander, Naval Base Philadelphia as chief of Public Affairs.

The Secretary left active duty in 1993, continuing his naval service in the Navy

THE HONORABLE KENNETH J. BRAITHWAITE *SECRETARY OF THE NAVY*

Reserve where he served with numerous commands along the Atlantic seaboard.

Initially he began his private sector career as an executive at Atlantic Richfield (ARCO) where he served as manager of operations for ARCO Chemical. In 1997, Secretary Braithwaite was asked to join the staff of U.S. Senator Arlen Specter (R-PA) where he served as a senior advisor and state director of the Senator's offices across the Commonwealth.

In 2000, Secretary Braithwaite was hired by St. Thomas Health Services in Nashville, Tennessee, a division of the Ascension Health, the nation's largest hospital system, to serve as vice president of Public and Government Affairs. In 2003, he was promoted to the corporate level to establish offices in Washington, D.C. as vice president of advocacy. In 2006, he left Ascension Health to become the executive director of the Delaware Valley Healthcare Council in Philadelphia where he later led the merger with the Hospital Association of Pennsylvania (HAP) to become a senior vice president of HAP.

In 2011, the Secretary was asked to join VHA, Inc., a Dallas-based hospital group purchasing and performance improvement company, initially to serve as the chief executive of the Mid-Atlantic region. In 2014, as part of the effort to acquire and merge with University Health Consortium and MedAssets, Inc., he helped create and lead the new organization, Vizient, Inc. as group senior vice president until he was asked by the President to serve as Ambassador to Norway in 2018.

Highlights of Secretary Braithwaite's Navy service include: served as commanding officer of Navy Reserve Fleet Combat Camera Atlantic, Naval Air Station Willow Grove during which time the command was tasked with providing support to the Joint Task Force Commander, Guantanamo Bay, Cuba. In March 2003, Secretary Braithwaite deployed for Operation Iraqi Freedom in support of

naval operations to capture the port of Umm Qasr.

In 2004, Secretary Braithwaite was assigned to U.S. Joint Forces Command, and tasked with standing up a new expeditionary capability for combatant commanders, serving as the first commander of Joint Public Affairs Support Element - Reserve.

While in command, and following the devastating earthquake in Pakistan in 2005, he was deployed to Pakistan as part of the Joint Task Force for Disaster Assistance, serving as the director of strategic communication working for both the Joint Task Force Commander and the U.S. Ambassador in Islamabad.

In his final Navy assignment, the Secretary served as the first Vice Chief of Information. In this capacity, he was the Navy Reserve liaison and advisor to the Chief of Information, responsible for formulating strategic communications counsel to the leadership of the Department of the Navy.

Secretary Braithwaite's decorations include the Legion of Merit, Defense Meritorious Service Medal (with oak leaf cluster), Meritorious Service Medal, Navy Commendation Medal (five awards) with Combat "V", Navy Achievement Medal, Combat Action Ribbon and numerous campaign and service medals. However, he is most proud of having received the Navy Unit Commendation as part of the USS Guadalcanal Amphibious Readiness Group off Beirut, Lebanon in 1983 and being a part of U.S. Joint Forces Command when it was awarded a Joint Meritorious Unit Commendation in 2007.



SPEAKERS



Admiral James Caldwell received his commission graduating with distinction from the United States Naval Academy in 1981 with a Bachelor of Science in Marine Engineering. He also holds a Master of Science in Operations Research from the Naval Postgraduate School.

Caldwell commanded USS Jacksonville (SSN 699) homeported in Norfolk, Virginia; Submarine Development Squadron (DEVRON) 12 in New London, Connecticut;

ADMIRAL JAMES F. CALDWELL, JR., USN *DIRECTOR, NAVAL NUCLEAR PROPULSION PROGRAM*

Submarine Group 9 in Bangor, Washington; and the Submarine Force, U.S. Pacific Fleet, Hawaii. His sea tours include service on both the Atlantic and Pacific Fleets. His Operational assignments include duty as a division officer on USS Boston (SSN 703), engineering officer on USS Alabama (SSBN 731) (GOLD), and executive officer on USS Buffalo (SSN 715).

Ashore, Caldwell served on the Pacific Fleet Nuclear Propulsion Examining Board and later as Undersea Warfare (USW) Requirements officer on the staff of Commander in Chief, U.S. Pacific Fleet. He also served as senior member of the Naval Submarine Force's Tactical Readiness Evaluation Team; on the Joint Staff as deputy director for Politico-Military Affairs for Europe, the North Atlantic Treaty Organization, Russia and Africa; and deputy commander for U.S. Strategic

Command's Joint Functional Component Command for Global Strike in Omaha, Nebraska and as Naval Inspector General, Washington Navy Yard, D. C. His most recent tour was on the (Office of Naval Operations) OPNAV Staff as the Director, Navy Staff.

He assumed his duties as the Director, Naval Nuclear Propulsion Program in August 2015.

Caldwell's awards include the Distinguished Service Medal, Defense Superior Service Medal, Legion of Merit, Meritorious Service Medal, Navy Commendation Medal, Navy and Marine Corps Achievement Medal, and the Naval Submarine League's Charles A. Lockwood Award for Submarine Professional Excellence.



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SPEAKERS



Vice Adm. Daryl Caudle is a native of Winston Salem, North Carolina and a 1985 graduate of North Carolina State University (magna cum laude) with a degree in Chemical Engineering. He was commissioned after attending Officer Candidate School in Newport, Rhode Island.

Caudle holds advanced degrees from the Naval Postgraduate School, Master of Science (distinction) in Physics from Old Dominion University, and Master of Science in Engineering Management. He also attended the School of Advanced Studies, University of Phoenix, where he obtained a Doctor of Management in Organizational Leadership with a specialization in Information Systems and Technology.

His doctoral dissertation research was conducted on military decision-making uncertainty regarding the use of force in cyberspace. He is also a licensed professional engineer.

His early sea tours included assignments as division officer, USS George Washington Carver (SSBN 656G); engineer, USS

VICE ADMIRAL DARYL CAUDLE, USN
COMMANDER, NAVAL SUBMARINE FORCES
COMMANDER, SUBMARINE FORCE, U.S. ATLANTIC FLEET
COMMANDER, ALLIED SUBMARINE COMMAND

Stonewall Jackson (SSBN 634B); engineer, USS Sand Lance (SSN 660); and executive officer of USS Montpelier (SSN 765).

Caudle's first command assignment was as commanding officer of USS Jefferson City (SSN 759). As deputy commander, Submarine Squadron 11, he served as Commanding Officer of USS Topeka (SSN 754) and USS Helena (SSN 725) due to emergent losses of the normally assigned commanding officers. He also commanded Submarine Squadron 3.

His tours ashore include assignments as assistant force nuclear power officer, commander Submarine Force, U.S. Atlantic Fleet; Officer-in-Charge of Moored Training Ship (MTS 635); deputy commander of Submarine Squadron 11; assistant deputy director for information and cyberspace policy on the Joint Staff (J-5) in Washington, D.C.; and chief of staff, commander Submarine Force, U.S. Pacific Fleet.

His other flag assignments include deputy chief for security cooperation, Office of the Defense Representative, Pakistan where he directly supported coalition forces for Operation Enduring Freedom; deputy commander, Joint Functional Component Command-Global Strike; deputy commander, U.S. 6th Fleet; director of operations U.S. Naval Forces Europe-Africa; commander, Submarine Group Eight, where he directed combat strikes

using the first ever dual Carrier operations with allies in support of Operation Inherent Resolve. He also designed the plan and directed combat sorties for Operation Odyssey Lightning to counter violent extremists in Libya; and commander, Submarine Force, U.S. Pacific Fleet.

Prior to this assignment, he was Vice Director for Strategy, Plans, and Policy on the Joint Staff (J-5) in Washington, D.C.

Vice Admiral Caudle assumed his current duties in November 2019. As commander, Submarine Forces, he is the undersea domain lead, and is responsible for the submarine force's strategic vision. As commander, Submarine Force Atlantic, he commands all Atlantic-based U.S. submarines, their crews and supporting shore activities. These responsibilities also include duties as commander, Task Force (CTF) 114, CTF 88, and CTF 46.

As commander, Allied Submarine Command, he is the principle undersea warfare advisor to all North Atlantic Treaty Organization strategic commanders.

His personal decorations include the Defense Superior Service Medal (four awards), Legion of Merit (four awards), Meritorious Service Medal (three awards), Navy and Marine Corps Commendation Medal (five awards), and the Navy and Marine Corps Achievement Medal (four awards).

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SPEAKERS



Rear Adm. Blake Converse is a native of Pennsylvania. He is a 1987 graduate of Penn State University with a Bachelor of Science in Mechanical Engineering. He also holds Master of Science degrees in space systems engineering and applied physics from the Navy Post Graduate School.

His career as a nuclear submarine warfare

REAR ADMIRAL BLAKE L. CONVERSE, USN *COMMANDER, SUBMARINE FORCE, U.S. PACIFIC FLEET*

officer includes assignments aboard USS Lapon (SSN 661), USS Olympia (SSN 717), and USS Minneapolis-St.-Paul (SSN 708) as executive officer. Command assignments include commanding officer, USS Louisiana (SSBN 743) from February 2006 to February 2009 and commander, Submarine Squadron 6 from October 2012 to August 2014.

Ashore, he served as radiological controls officer on the staff of Commander, U.S. Pacific Fleet Submarine Force; as special assistant to Commander, U.S. Joint Forces Command; deputy commander of Submarine Squadron 17; Prospective Commanding Officer course instructor at Naval Reactors Headquarters; and chief of staff to Commander, U.S. Submarine Force.

As a flag officer, he served as director, Joint

and Fleet Operations (N3), U.S. Fleet Forces Command and Commander, Submarine Group 9 in Silverdale, Washington.

Converse is currently the commander Submarine Force, U.S. Pacific Fleet.

His personal decorations include the Defense Superior Service Medal, Legion of Merit (four awards), Defense Meritorious Service Medal, Meritorious Service Medal (four awards), Joint Commendation Medal, Joint Achievement Medal, Navy Commendation Medal, Navy Achievement Medal (three awards) and various unit awards. In 2008, he was awarded the Rear Admiral Jack N. Darby award for Inspirational Leadership and Excellence of Command.

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SPEAKERS



RADM David Goggins is a native of Los Angeles. He attended the University of California, Berkeley, and graduated in 1989 with a Bachelor of Science in Nuclear Engineering and Material Science Engineering. His graduate education includes a Master of Science in Operations Research from the Naval Postgraduate School, and a Master of Science in Mechanical Engineering from the Massachusetts Institute of Technology.

Goggins' career in the Navy began as a submariner aboard USS Tecumseh (SSBN 628) where he served as an electrical officer, reactor controls assistant, and assistant operations officer. He was

REAR ADMIRAL DAVID GOGGINS, USN *PROGRAM EXECUTIVE OFFICER, SUBMARINES*

then selected for lateral transfer to the Engineering Duty Officer Community and reported to the Supervisor of Shipbuilding, Conversion and Repair (SUPSHIP) in Groton, Connecticut. At this command he was the lead ship coordinator for PCU Connecticut (SSN 22) from initial hull erect to the initial stages of Post-Shakedown Availability planning.

Subsequent shore duty tours included serving as assistant repair officer at Naval Submarine Support Facility in New London, Connecticut; Seawolf class project officer and program manager's representative at SUPSHIP Groton; SSGN conversion project officer and program manager's representative at SUPSHIP Groton; Virginia class assistant program manager for new construction within PEO Submarines; and a staff assignment within the Office of Chief of Naval Operations, Undersea Warfare Division (N97).

Goggins also served as an individual augmentee participating in Operation Iraqi Freedom. While in Iraq, he supported the military's counter-IED effort and was

responsible for fielding over 3,000 mission critical systems to counter the rapidly evolving IED threat.

Goggins served as major program manager of the Virginia Class Program and the Columbia Class Program. Under his leadership and guidance, the Virginia Program delivered three submarines to the fleet, started the initial design work on the Virginia Payload Module and Acoustic Superiority, and won the DoD Value Engineering Award and the David A. Packard Award for acquisition excellence. As the Columbia program manager, the program completed milestone B, awarded the Detail Design and Construction Readiness Contract, and started prototyping efforts.

Goggins became program executive officer for submarines in August 2018.

His awards include the Legion of Merit (two awards), the Meritorious Service Medal (two awards), the Navy Commendation Medal (two awards) and the Navy Achievement Medal (two awards).



Rear Adm. Houston is a native of Buffalo, New York and graduated from the University of Notre Dame in May 1990 with a Bachelor of Science in Electrical Engineering and was commissioned via the Navy Reserve Officer Training Corps (NROTC) program. He holds a Master of Business Administration from the College of William and Mary.

REAR ADMIRAL WILLIAM HOUSTON, USN *DIRECTOR, UNDERSEA WARFARE DIVISION, N97*

His sea tours include, division officer assignments on USS Phoenix (SSN 702), engineer officer onboard USS Hampton (SSN 767), and executive officer onboard USS Tennessee (SSBN 734)(B). He commanded USS Hampton (SSN 767) in San Diego and was commodore of Submarine Squadron 20 in Kings Bay, Georgia.

His staff assignments include flag lieutenant for Commander Submarine Force, U.S. Atlantic Fleet; the Atlantic Fleet Nuclear Propulsion Examining Board; special assistant to the Director of Naval Reactors for Personnel and Policy; deputy commander for Submarine Squadron 20; the principal director for Nuclear Matters within the Office of the Secretary

of Defense; the submarine and nuclear community manager, Military Personnel Plans and Policy (N133) and division director of Submarine and Nuclear Propulsion Distribution, Navy Personnel Command (PERS-42).

His first flag assignment was deputy director for Strategic Targeting and Nuclear Mission Planning (J5N) United States Strategic Command. Following this he served as director of Operations, Naval Forces Europe-Africa; Deputy Commander, U.S. 6th Fleet, and commander, Submarine Group Eight.

Houston is currently serving as director, Undersea Warfare Division, Office of the Chief of Naval Operations (N97).

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SPEAKERS



Mr. Robert Jackson is the Program Manager for the Undersea Defensive Weapons Program Office (PMS415) that is responsible for the Submarine and Surface Ship Torpedo Defense Programs as well as other advanced demonstration and payload projects. He was selected to this position in Jul 2018.

Mr. Jackson was raised in West Warwick,

MR. ROBERT JACKSON

PROGRAM MANAGER, UNDERSEA DEFENSIVE WEAPONS PROGRAM OFFICER (PMS415)

RI and attended the University of Rhode Island where he received a Bachelor's Degree in Electrical Engineering in Dec 1984. He began working at Naval Undersea System Center in New London CT in Sep 1985 where he worked on many different projects including Acoustic Communications System Design, Advanced Development Prototyping, BSY-1 System Testing and at sea evaluations of advanced development products and Sensor Programs. His at sea evaluations included ICEX 2-88 onboard USS Archerfish where he visited the North Pole. In 1998 he began working on the Acoustic Rapid COTS Insertion (ARCI) and Virginia Class Sonar System programs while on temporary duty assignments at NAVSEA and as a government representative at Lockheed Martin in Manassas Virginia.

In Mar 2001 Mr. Jackson became a NAVSEA employee and became the Chief Engineer for Submarine Acoustics Program Office (PMS401) where he led the technical efforts for the first deployment of the ARCI Phase IV system which included processing for all of the acoustic sensors. In Aug 2005 he became the Assistant Program Manager (APM) for Submarine Combat and Weapon Control Program Office (PMS425) and was promoted to the DPM in May 2007. He was assigned to the Deputy Program Manager (DPM) for the Undersea Weapons Program Office (PMS404) in Feb 2012 and was responsible for the full life cycle of the Heavyweight and Lightweight Torpedo Programs as well as Undersea Targets. Mr. Jackson is an avid golfer, enjoys bike riding and hiking.



CAPT Kevin S. Mooney began his naval career by graduating with honors and distinction from the United States Naval Academy in 1991. Upon completion of the nuclear power training pipeline, he reported to the USS JAMES K. POLK (SSN 645) in April 1993. While on this specialized SEAL delivery platform, his Division Officer assignments were TM/FT, E/IC, MPA, RCA and AWEPS.

In April 1996, he received assignment to Commander, Operational Test & Evaluation Force (COMOPEVFOR). During this tour, he was the Operational Test Director for Submarine Combat

CAPT KEVIN S. MOONEY, USN

COMSUBLANT DIRECTOR OF TRAINING AND READINESS

Control Systems, the Acoustic Rapid COTS Insertion (ARCI) Sonar System, and ADCAP torpedo.

His Department Head tour was as the Navigator of the USS MICHIGAN (SSBN 727)(GOLD) from November 1998 until September 2002. During this time, the ship was decorated with four Battle Efficiency "E" awards and two Omaha Trophies.

CAPT Mooney then reported to U.S. Central Command (CENTCOM) in October 2002. Deploying to the Middle East, he scheduled airborne reconnaissance throughout the CENTCOM AOR and established Time Sensitive Targeting (TST) Cells in Iraq, Afghanistan, the Combined Air Operations Center (CAOC), Djibouti, and at the CENTCOM Headquarters. Serving as the Chief of the CENTCOM TST Cell, he was responsible for timely execution of strikes on high value targets.

Following his Executive Officer tour on the USS BREMERTON (SSN 698) during an Extended Refueling Overhaul from

December 2004 to June 2006, CAPT Mooney was a student at the Air War College, where he was awarded a Masters Degree in Strategic Studies, identified as a Warfighting Practitioner of Military Operations, and completed JPME I & II.

CAPT Mooney commanded the USS RHODE ISLAND (SSBN 740)(GOLD) from May 2009 to August 2011. During this tour, his crew was awarded the Battle Efficiency "E" and the Omaha Trophy. He was also recognized as the Naval Submarine League's 2011 Rear Admiral Jack N. Darby Award winner for inspirational leadership and excellence of command.

Following Command, CAPT Mooney served as the Senior Member of the Tactical Readiness Evaluation Team on the staff of Commander Submarine Force Atlantic and was most recently the Commodore of Commander Undersea Surveillance where he was responsible for the Integrated Undersea Surveillance System (IUSS) worldwide.

SPEAKERS



Rear Adm. Scott Pappano is a native of Bethlehem, Pennsylvania. He is a 1989 graduate of the U.S. Naval Academy with a Bachelor of Science in Marine Engineering and also holds a Master of Science in Nuclear Engineering from the Massachusetts Institute of Technology.

At sea, Pappano served onboard USS City of Corpus Christi (SSN 705), USS



Captain Mark Parrella, originally from Arlington, VA, attended the United States Naval Academy and graduated with merit in 1999 with a Bachelor of Science in Aeronautical Engineering. Following commissioning, he received a Master of Science in Nuclear Engineering in 2000 from the University of Maryland.

After completing nuclear power and submarine training, Captain Parrella served aboard USS TOLEDO (SSN769) from November 2001 to June 2004. During his tour on USS TOLEDO, the ship deployed in support of both Operation Enduring

REAR ADMIRAL SCOTT W. PAPPANO, USN *PROGRAM EXECUTIVE OFFICER, COLUMBIA PROGRAM*

Albuquerque (SSN 706), USS Michigan (SSBN 727 Gold), and USS Ohio (SSGN 726). He commanded USS Buffalo (SSN 715) while forward-deployed in Guam.

Assignments ashore include duty with Commander, Submarine Development Squadron 12 Tactical Action Group; onboard X-Daniel Webster (MTS 626) at Naval Nuclear Power Training Unit Charleston, South Carolina military assistant to the Assistant Secretary of Defense for International Security Policy; and executive assistant to the Director, Programming Division (N80) on the Navy Staff.

After selection as an acquisition professional, Pappano served in the Special Operations Forces Mobility Program Office (PMS 399); as executive

assistant to Commander, Naval Sea Systems Command; and as major program manager for the Strategic and Attack Submarine Program Office (PMS 392).

Pappano was assigned as program executive officer, Columbia in March 2019. His previous flag assignments include commander, Naval Undersea Warfare Center and Director, Comprehensive Test Facility.

Pappano served on teams that have been awarded the Joint Meritorious Unit Award, Navy Unit Commendation, Meritorious Unit Commendation, and the Navy "E" Ribbon.

CAPTAIN MARK PARRELLA, USN

Freedom and Operation Iraqi Freedom.

In July 2004, Captain Parrella reported to the Office of Naval Intelligence, where he served as a submarine intelligence analyst. During this tour, he earned a Master of Arts in National Security and Strategic Studies from the Naval War College.

In November 2007, Captain Parrella reported to the Supervisor of Shipbuilding, Conversion, and Repair, Newport News, VA as an Assistant Project Officer for VIRGINIA-Class Submarine Construction.

Captain Parrella reported to NAVSEA Headquarters in June 2011 and served as the Deputy Assistant Program Manager for New Acquisitions in the Advanced Undersea Systems Program Office (PMS-394).

In June 2015, Captain Parrella reported to the Supervisor of Shipbuilding, Conversion, and Repair, Groton, CT as

the VIRGINIA Class Project Officer and Program Manager's Representative.

In August 2018, Captain Parrella reported to the COLUMBIA Class Program Office (PMS-397) as the Principal Assistant Program Manager for Construction and Test, responsible for all aspects of construction readiness and lead ship construction of the COLUMBIA SSBN, including the joint United States/United Kingdom Common Missile Compartment program.

Captain Parrella reported as the Program Manager for Undersea Weapons (PMS-404) in August 2020.

Captain Parrella's awards include the Legion of Merit, Meritorious Service Medal (two awards), Navy Commendation Medal (three awards), Navy Achievement Medal (six awards), and other various unit awards. He is a DoD Acquisition Corps member.



CAPT Christopher J. Polk is a native of River Vale, NJ. He graduated from the United States Naval Academy in 1997 with a B.S. in Systems Engineering. After graduation, he reported to NNPS Orlando, FL and NPTU Ballston Spa, NY for nuclear power training.

He reported aboard the USS TENNESSEE (SSBN 734) (BLUE) in 1998, where he made five strategic deterrent patrols out of Naval Submarine Base King's Bay, GA. His duties included Electrical Assistant, Chemical Radiological Controls Assistant, Main Propulsion Assistant, and Tactical Systems Officer.

In June 2002, he returned to the United States Naval Academy as part of the Naval Postgraduate School's Leadership Education and Development (LEAD) Program. Upon graduation from the LEAD program, Commander Polk served as



CAPTAIN CHRISTOPHER J. POLK, USN *PMS 401, PROGRAM MANAGER*

the Third Company Officer for almost two years before reporting to the Submarine Officer Advanced Course (SOAC) in Groton, CT. After graduation he served on USS NORFOLK (SSN 714) as the Combat Systems Officer. While on NORFOLK, he completed two CENTCOM deployments, a combat systems modernization, a nuclear weapon regeneration exercise, and qualified for command.

In August 2008, he reported to the Naval War College in Newport, RI as a student in the College of Naval Command and Staff. He then reported to USS GEORGIA (SSGN 729) (BLUE) to serve as Executive Officer. While onboard GEORGIA, he completed her first SSGN deployment cycle to AFRICOM, a major Maintenance Period, two Homeport Training Periods, and a Naval Special Warfare Operations Certification. Following his XO tour, he reported to Commander Submarine Group TEN where he served as the Deputy Chief of Staff for Maintenance and Training and the Emergency Planner for Naval Submarine Base Kings Bay.

As the final Commanding Officer of the USS NORFOLK (SSN-714), he led the crew through the transition from an operational unit to its decommissioning at the Portsmouth Naval Shipyard in Kittery, ME.

POLK Following his command tour, he reported to Commander, U.S. Fleet Forces Command to serve in the N8/9 directorate as the Undersea Warfare Requirements and Capabilities Officer and was accepted into the Submarine Acquisition Corps. CAPT Polk's first acquisition assignment was to the Office of the Undersecretary of Defense (Acquisitions and Sustainment) as the Naval Warfare, Undersea Programs Officer. His primary responsibilities included acquisition oversight of all undersea weapons and sensors, unmanned systems, and the VIRGINIA and COLUMBIA Class submarines. His next assignment was to PMS404 as the Director for Test and Evaluation for all Lightweight and Heavyweight Torpedoes and as the Program Manager for a new Heavyweight Torpedo program. Captain Polk currently serves as the Program Manager for Submarine Acoustic Systems, PMS 401.

CAPT Polk holds master's degrees in Leadership and Human Resource Development, National Security and Strategic Studies, and Engineering Management. His awards include the Defense Meritorious Service Medal, three Meritorious Service Medals, five Navy Commendation Medals, and three Navy and Marine Corps Achievement Medals.

MR. RONALD O'ROURKE *NAVAL AFFAIRS ANALYST, CONGRESSIONAL RESEARCH SERVICE, LIBRARY OF CONGRESS*

Ronald O'Rourke received a B.A. in international studies from the Johns Hopkins University in 1980 (Phi Beta Kappa) and an M.A. in international studies from the University's School of Advanced International Studies in 1981 as its Christian A. Herter (valedictorian) Fellow. He has worked as a research assistant on naval integrated logistics support issues for American Management Systems, Inc.

of Arlington, VA, and as a consultant on defense issues for then-Governor Pierre S. du Pont IV of Delaware. Since 1984, he has been a naval affairs analyst for the Congressional Research Service (CRS) of the Library of Congress.

He has written numerous reports and articles on naval

SPEAKERS



A Native of Weymouth, Massachusetts, Captain Sager was commissioned in 1998 graduating from the United States Naval Academy with a Bachelor of Science in Electrical Engineering. He also holds a Master's degree in Engineering Management from Old Dominion University.

Sager's operational assignments include division officer onboard USS HONOLULU (SSN 718) where he completed a Western Pacific deployment, serving as Engineer Officer on USS RHODE ISLAND (SSBN

CAPT ERIC M. SAGER, USN *DIRECTOR OF THE UNDERSEA WARFIGHTING DEVELOPMENT CENTER'S AGGRESSOR SQUADRON*

740)(GOLD) completing four strategic deterrent patrols, and as Executive Officer on USS NORFOLK (SSN 714) completing an AFRICOM/CENTCOM deployment.

Ashore, Sager has served in various positions including Shift Engineer at NPTU, Submarine Squadrons Sixteen & Twenty Material Officer, on the staff of Commander, Submarine Forces as the Tactical Readiness Evaluation team Executive Officer, Deputy Commodore of Submarine Squadron Twelve, and as the Submarine Force Atlantic Prospective Commanding Officer Instructor.

Sager commanded USS CALIFORNIA (SSN 781), leading his crew on an unplanned surge deployment and a scheduled EUCOM deployment in 2016. His team was awarded the 2016 Battle "E" and was the Submarine Force nomination for the 2016 Fleet Forces Battenberg Cup. He

received the 2017 Vice Admiral Stockdale Award for Inspirational Leadership for his time in command.

Sager is privileged to have been a part of many outstanding teams having earned three retention excellence awards, four Battle "E" awards, two Meritorious Unit Commendations, a Navy Unit Commendation, and the Arleigh Burke Trophy.

Sager is currently assigned as the Director of the Undersea Warfighting Development Center's Aggressor Squadron.



Vice Admiral Phillip G. Sawyer is a native of Phoenix, Arizona and a 1983 graduate of the U.S. Naval Academy with a Bachelor of Science in Systems Engineering. He received a master's degree in Engineering Management from Old Dominion University.

VICE ADMIRAL PHILLIP G. SAWYER, USN *DEPUTY CHIEF OF NAVAL OPERATIONS, N3/N5*

As a career submarine officer, he served as division officer on USS Bluefish (SSN 675), engineer officer on USS Florida (SSBN 728) (Blue) and executive officer onboard USS Salt Lake City (SSN 716). His afloat command assignments were aboard USS La Jolla (SSN 701) and Submarine Squadron (SUBRON) 15 in Guam.

On shore he served on the Joint Staff, Operations Directorate as branch chief for antiterrorism and force protection; deputy director for Operations at Commander, Submarine Force U.S. Pacific Fleet; executive assistant to the Deputy Commander-in-Chief, U.S. Pacific Fleet; submarine force placement officer and assistant captain detailee at the Bureau of Naval Personnel; instructor at Fleet

Anti-Submarine Warfare Training Center, Atlantic; chief of staff of U.S. Strategic Command Special Activities and chief of staff, Submarine Force Atlantic.

As a flag officer, his tours include vice commander, Naval Mine and Anti-Submarine Warfare Command, Commander, Task Force 74/54; commander, Submarine Force U.S. Pacific Fleet; deputy commander, U.S. Pacific Fleet, and commander, U.S. Seventh Fleet.

Sawyer assumed duties as Deputy Chief of Naval Operations for Operations, Plans, and Strategy (N3/N5) in October 2019.

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Mr. Scala graduated from the United States Naval Academy in 1973. Following nuclear power training, he was assigned to a series of submarines, culminating in command of USS GEORGE WASHINGTON CARVER (SSBN 656) (BLUE) and then USS BOSTON (SSN 703). His shore assignments included Chairman of the Leadership & Law Department at the Naval Academy, Staff Assistant to the Director of Operational Test & Evaluation in the Office

MR. PETER ANTHONY SCALA

of the Secretary of Defense, and Deputy S&T Branch Head in the Office of the Chief of Naval Operations (OPNAV N87).

Mr. Scala joined the Johns Hopkins University Applied Research Laboratory in 2000 as Senior Professional Staff. He was detailed under the Intergovernmental Personnel Act (IPA) to the Advanced Systems and Technology Office of NAVSEA, and subsequently detailed to Program Executive Office, Integrated Warfare Systems. In 2007, Mr. Scala accepted a position as Chief Engineer in the Advanced Development Directorate of the PEO IWS 5 (Undersea Systems). In this position, Mr. Scala directed the development of advanced hull and towed array sonars, and the highly successful Advanced Processing Build program for submarine sonar and combat systems. In 2011, Mr.

Scala assumed the position of Director, Advanced Development, PEO IWS 5A. In addition to his previous duties, he is also responsible for developing submarine imaging and electronic warfare software, surface ship sonar Advanced Capability Builds, Tactical Advancements for the Next Generation (TANG), and other related projects.

Mr. Scala has a Bachelor of Science Degree in Physics from the Naval Academy, and a Masters of Arts degree in International Affairs from the Naval War College. He is a DAWIA Level III in Program Management.



Captain Brian L. Sittlow, a native of Roberts, WI, graduated with honors from the U.S. Naval Academy in 1993, earning a Bachelor of Science in Marine Engineering. He also earned a Master's degree in National Security & Strategic Studies from the Naval War College and was a 2019-2020 Military Fellow at the Council on Foreign Relations in New York City. Sittlow is also the first American to complete the Norwegian Submarine Command "Perisher" Course.

CAPT BRIAN L. SITTLLOW, USN *UWDC TACTICAL ANALYSIS GROUP DIRECTOR*

CAPT Sittlow's initial tours at sea have been onboard USS ARCHERFISH (SSN 678), Submarine NR-1, USS HENRY M. JACKSON (SSBN 730) and USS VIRGINIA (SSN 774). These assignments resulted in deployments to the Mediterranean Sea (twice), North Atlantic Ocean, Arctic Ocean and five Pacific Ocean strategic deterrent patrols.

While in command of the fast attack submarine USS BOISE (SSN 764), he led the ship through two European Command deployments. His crew's accomplishments helped BOISE earn two Battle Efficiency "E"s, the 2010 Battenberg Cup as the finest ship in the Atlantic Fleet, and the 2012 Submarine Force nomination for the Battenberg Cup. CAPT Sittlow was also honored with the peer-nominated Atlantic Fleet VADM James B. Stockdale Award for inspirational leadership while in command.

CAPT Sittlow also commanded Submarine Squadron 4, consisting of 10 Los Angeles and Virginia Class Fast Attack Submarines, based at Groton, CT.

CAPT Sittlow's assignments ashore include the staffs of Submarine Development Squadron 12, Submarine Squadron 4, U.S. Strategic Command, Submarine Force Headquarters, and Undersea Warfighting Development Center.

SPEAKERS



CAPT Pete Small was commissioned in 1995 from the NROTC at the University of Virginia where he earned a Bachelor of Science Degree in Mechanical Engineering. He has also earned a Master of Science Degree in Operations Research in 2002 from Columbia University and a Master of Science Degree in Mechanical Engineering and a Naval Engineer Degree in 2005 from the Massachusetts Institute of Technology. He is a licensed Professional Engineer in the Commonwealth of Virginia.

Upon completion of Navy nuclear propulsion training in 1996, CAPT Small reported to USS L. MENDEL RIVERS (SSN 686) where he conducted dry-deck shelter

CAPTAIN PETE SMALL, USN

operations on two deployments to the Mediterranean Sea and Arabian Gulf. He then served as Assistant Professor of Naval Science at the State University of New York (SUNY) Maritime College and Fordham University NROTC. In 2005, CAPT Small reported to the Supervisor of Shipbuilding Newport News, Virginia where he was the Assistant Project Officer for VIRGINIA Class submarine new construction and two LOS ANGELES Class submarine repair availabilities and completed an Individual Augmentation deployment to HQUSEUCOM in Stuttgart, Germany.

From 2008 to 2010 he served as Deputy Ship Design Manager and Aff Project Officer in the OHIO Replacement submarine program office (PMS397.) In 2010 CAPT Small was appointed Associate Professor of the Practice in the Mechanical Engineering Department at the Massachusetts Institute of Technology and served as the Academic Officer of the graduate Naval Construction and Engineering (Course 2N) curriculum. From 2012-2015 he served as the PMS450 Program Manager's Representative for

VIRGINIA Class submarine construction at Supervisor of Shipbuilding Groton, Connecticut and delivered USS NORTH DAKOTA (SSN784) to the Navy. From 2015-2017 he served as the Assistant Program Manager for Acquisition in the Advanced Undersea Systems Program Office (PMS394) and successfully attained Milestone C and Initial Operational Capability for a Major Defense Acquisition Program. In May of 2017 he reported as the Construction Manager for the COLUMBIA Class Submarine Program Office (PMS397.) In June of 2018 he relieved as Major Program Manager of the Unmanned Maritime Systems Program Office (PMS 406) in PEO Unmanned and Small Combatants. He continues to teach Submarine Concept Design in the MIT Professional Summer program.

CAPT Small's personal decorations include the Legion of Merit, Meritorious Service Medal (four awards), Joint Service Commendation Medal, Navy Commendation Medal (four awards), and the Navy and Marine Corps Achievement Medal (four awards.)



Charles Southall is vice president of Columbia-Class Submarine Construction for Newport News Shipbuilding, a division of Huntington Ingalls Industries. Named to this position in 2020, Southall is responsible for company-wide management, leadership, and cost, schedule, and technical performance of the Columbia-

MR. CHARLES SOUTHALL VICE PRESIDENT COLUMBIA-CLASS SUBMARINE CONSTRUCTION, NEWPORT NEWS SHIPBUILDING

Class Construction Program. He joined NNS in 1988 as an engineer in the submarine program and has since held leadership positions of increasing responsibility, including director of Submarine Engineering, and director of Advanced Submarine programs where he established the Columbia-Class Submarine Program Office. From 2012 to 2017 he served as the company's chief engineer and was responsible for leading engineering efforts across all Navy programs. Prior to his current appointment, Southall served as vice president of Engineering and Design, and was responsible for all ship design, construction engineering,

fleet engineering services, and test engineering.

Southall earned a bachelor's degree in mechanical engineering technology from Old Dominion University. He is a registered Professional Engineer (PE) in the Commonwealth of Virginia. Southall currently serves in an advisory capacity to the Old Dominion University College of Engineering, the Engineering Advisory Board at Hampton University, Norfolk State University, and Virginia Commonwealth University. On a personal level he serves as Vice Chair of the Virginia Marine Resources Commission Recreational Fisheries Advisory Board.

SPEAKERS



Congressman Rob Wittman has served on the House Armed Services Committee since 2007 and currently serves on the Seapower and Projection Forces Subcommittee. As Chairman of the subcommittee during the 115th Congress, he was responsible for the research, development, acquisition, and sustainment of Navy and Marine Corps programs, as well as the Air Force's

CONGRESSMAN ROBERT J. WITTMAN *VIRGINIA'S FIRST CONGRESSIONAL DISTRICT*

bombers, tankers, and tactical airlift fleets. Prior to the 115th Congress, he served as Chairman of the Readiness Subcommittee, which oversees military readiness, training, logistics and maintenance issues and programs, military construction, installations and family housing issues, and the BRAC process.

Hailing from Montross, Virginia, Chairman Wittman is a strong advocate of growing our Navy to 355 ships and recapitalizing our Air Force assets, which will allow the military to deter our adversaries, support our allies, and respond to threats around the globe.

Ranking Member Wittman believes in a strong national defense, which includes a healthy and robust shipbuilding industrial

base- ready to answer the nation's call to deliver more ships with advanced technologies. Congressman Wittman has also been a vocal proponent of "No Budget No Pay", which would require members of Congress to pass a budget on time or else forgo their own paychecks- incentivizing adherence to the regular budget process timeline and eliminating the needless and often damaging effects of passing continuing resolutions.

Congressman Wittman is a key voice on defense spending in Congress, calling for an end to defense "sequestration" cuts that threaten our men and women in uniform and have detrimental effects on our nation's military readiness. Along with his colleagues, he is a champion of our nation's warfighters and veterans.



Vice Adm. Johnny Wolfe is a native of Somerset, Texas. He graduated from the U.S. Merchant Marine Academy, Kings Point, New York, in 1988 with a Bachelor of Science in Marine Systems Engineering. He earned a Master of Science in Applied Physics from the Naval Postgraduate School in 1994, where he was also selected for transfer to the engineering duty officer community.

At sea and on deployment, he served as the assistant weapons officer on USS Lewis and Clark (SSBN 644) from 1988 to 1992, and was part of a forward-based team that led the rebuilding of courthouses and prisons in Iraq in 2007. In 1994 he was

VICE ADMIRAL JOHNNY R. WOLFE, JR., USN *DIRECTOR FOR STRATEGIC SYSTEMS PROGRAMS*

assigned as the lead systems engineer on a Ballistic Missile Defense Office (BMDO) joint skunkworks project ran by the U.S. Air Force at Kirtland Air Force Base, New Mexico.

From 1995 to 1996, he was assigned to Strategic Systems Programs (SSP) as the liaison to the Deputy Assistant Secretary of the Navy Command Control Communications Computers & Intelligence (C4I). From 1996 to 2000, he served as the assistant section head for fire control and guidance at SSP. In July 2000, Wolfe was assigned to the Program Management Office, Strategic Systems Programs (PMOSSP), Sunnyvale, California, where he served as the technical division head. During this tour, he was assigned additional temporary duties as a technical investigator for the Columbia Accident Investigation Board where he served as a lead for foam loss testing and orbit impact analysis. From 2003 to 2014, Wolfe was assigned back to SSP Headquarters. While at SSP he served in many positions, including the

deputy chief engineer, branch head for Fire Control and Guidance Branch, the nuclear weapons security coordinator and SSGN coordinator, and branch head for Missile Branch.

In 2012, Wolfe assumed duties as the technical director and deputy director reporting program manager for Strategic Systems Programs. Wolfe was promoted to Rear Admiral October 1, 2014, and assigned as the program executive for Aegis Ballistic Missile Defense, Missile Defense Agency.

Wolfe was promoted to Vice Admiral on May 4, 2018 and assumed the duties as director, Strategic Systems Programs.

Wolfe's awards include the Defense Superior Service Medal, Legion of Merit, Bronze Star, Meritorious Service Medal with gold star, Joint Services Commendation Medal, Navy Commendation Medal with gold star, Navy Achievement Medal with three gold stars, Air Force Achievement Medal and various other service awards.

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AWARD WINNERS

RADM Jack N. Darby Award for Inspirational Leadership & Excellence of Command

FOR EXCEPTIONALLY MERITORIOUS SERVICE AS COMMANDING OFFICER ON USS JOHN WARNER (SSN 785):

Commander Wiley developed a culture of warfighting readiness on his boat that produced superlative results in all facets of submarine operations. His boat won back-to-back Battle Efficiency "E" awards over the last two years. JOHN WARNER received the highest possible score during the past three years in the Operational Reactor Safeguards Examinations (ORSE). During a recent pre-deployment period, his personal involvement in every aspect of the preparations ensured that his crew excelled at every inspection and was ready to deploy on time. In preparing for this EUCOM deployment, he developed a unique scenario-based training method which is now being used as a model for all submarines in the force. His wardroom is superbly well-trained and motivated, and he assures that all are well rounded professionally. Commander Wiley holds his crew accountable but is compassionate and understands their needs. His ship has scored as one of the top force submarines as measured by People Centered Metrics, earning the 2019 Retention Excellence Award. JOHN WARNER was recently selected as the first SSN in Norfolk to be integrated with female officers. His female officers are flourishing and developing into well-qualified submariners. In a world that is returning to great power competition, Commander Wiley uses his people wisely to execute all tasks on schedule and with precision. He does that every day and makes it look easy. The Naval Submarine League is pleased to present the 2020 RADM Jack N. Darby Award for inspirational leadership and excellence to Commander William Hayden Wiley.



CDR Wiley was raised in Elberton, Georgia and attended the United States Naval Academy (USNA) in Annapolis. He graduated with distinction in May 2000 with a B.S. in Political Science. During his senior year at the Academy, he served as the Brigade Commander and was responsible for the daily activities of the 4,500 member Brigade of Midshipmen. During his final semester at the Naval Academy, he enrolled at Georgetown University as a part of the Voluntary Graduate Education Program (VGEP). In December of 2000, he graduated with a M.A. in National Security Studies.

In 2003, he completed a Mediterranean deployment when USS PROVIDENCE (SSN 719) participated in the strike operations of OPERATION IRAQI FREEDOM and other

CDR WILLIAM H. WILEY COMMANDING OFFICER, USS JOHN WARNER (SSN 785)

missions in support of the Global War on Terrorism. CDR Wiley was named the Group TWO Submarine Junior Officer of the Year for 2004 for his service on PROVIDENCE. In January 2005, CDR Wiley reported to the Nuclear Power Training Unit, Charleston, SC to serve as a Shift Engineer and Staff Training Officer.

In November 2008 he reported to the USS KENTUCKY (SSBN 737)(BLUE) to serve as the Engineering Officer and completed four strategic deterrent patrols. His Engineering Department was awarded the Submarine Squadron SEVENTEEN Engineering Red "E" for Engineering Excellence for 2007, 2008, and 2010. KENTUCKY was awarded the Submarine Squadron SEVENTEEN Battle Efficiency "E", the Outstanding Trident Award, and the Omaha Trophy for 2009. For his performance on KENTUCKY, he received the 2010 VADM Charles A. Lockwood Award from the Naval Submarine League for Submarine Professional Excellence. CDR Wiley then reported to Submarine Squadron NINETEEN in Bangor, WA as the Squadron Engineer.

CDR Wiley then reported to the USS HAMPTON (SSN 767) in 2012 as the Executive Officer. He completed a

Western Pacific Deployment and an Arctic Deployment in support of ICEX 2014. At the end of that tour he reported to OPNAV N133 where he served as the Nuclear Enlisted Community Manager responsible for all aspects of managing the careers of the 17,000 nuclear trained Sailors in the Navy. He was then selected for a Federal Executive Fellowship at The Atlantic Council where he served as the U.S. Navy Senior Fellow until September 2017.

In August 2018, CDR Wiley became the Commanding Officer of the USS JOHN WARNER (SSN 785), a fast attack VIRGINIA Class submarine homeported in Norfolk, VA. His crew was awarded the Submarine Squadron SIX Battle Efficiency "E" for 2018 and 2019. In 2020, he was awarded the James Bond Stockdale award for inspirational leadership.

CDR Wiley is authorized to wear the Meritorious Service Medal with two gold stars, Navy and Marine Corps Commendation Medal with four gold stars, the Navy and Marine Corps Achievement Medal with one gold star, and various unit and service awards.

AWARD WINNERS

VADM Charles A. Lockwood Award for Professional Excellence

FOR OUTSTANDING PERFORMANCE AS ENGINEER OFFICER ON USS JOHN WARNER (SSN 785):

LCDR Shaw expertly prepared her department for a four-month emergent dry-docking availability conducted at a commercial shipyard away from homeport. Significant work packages included complicated nuclear system testing, a first-time repair to the boat's rudder, and a battery replacement. She was extremely effective in coordinating the efforts of numerous responsible authorities and gained their accolades as the most effective Engineer they had worked with at the shipyard in over ten years. Her efforts led to the boat finishing the availability 16 days ahead of schedule and \$6.1 million under budget. For over two months of this availability away from homeport, she served as Acting Executive officer. During her entire tour, LCDR Shaw served as the Senior Watch officer responsible for the overall training and qualifications of all officers and enlisted personnel. As the most senior watch-stander, she has developed within the junior officers an understanding and appreciation for all varieties of mission tasking. This accomplishment assisted JOHN WARNER in achieving a grade of "Above Standards" in the latest Pre-Operational Movement Evaluation. During her time aboard, she was a key factor in the boat achieving two Squadron Battle Efficiency "E" Awards, the Squadron Engineering Red "E" for engineering excellence, and the highest possible grade in the last three Operational Reactor Safeguards Examinations. Her performance throughout has been characterized by exceptional leadership, superb initiative, outstanding managerial ability, and unrelenting dedication to duty. The Naval Submarine League is pleased to present the 2020 VADM Charles A. Lockwood Award for submarine professional excellence to Lieutenant Commander Kristin Lyles Shaw.



LCDR Kristin Shaw a native of Fairfax Station, VA commissioned into the Navy through the United States Naval Academy in May 2010 where she obtained a Bachelor of Science in Chemistry. After

LCDR KRISTIN L. SHAW, USN

commissioning she was assigned to USS GEORGIA (SSGN-729) out of King's Bay, GA in May 2012. While on the USS GEORGIA, LCDR Shaw completed three deployments to the Indian Ocean.

In May 2015, she transferred to Submarine Learning Facility (SLF) in Norfolk, VA where she served as a Submarine Tactics instructor. Her tenure at SLF was instrumental in training over 1000 enlisted and officer Submariners to ensure the deploying fleet remained fully manned and ready for the fight. During her tour at SLF, she was selected as the 2016 Officer Instructor of the Year and obtained a Master of Science in Engineering Management from Old Dominion

University.

In July 2018, she reported to the USS JOHN WARNER (SSN-785) in Norfolk, VA as the Engineer Officer. While on the WARNER she completed one deployment and an emergent drydocking availability in Groton, CT. Since reporting to the WARNER, she was ranked the top Engineer on the waterfront, was selected for XO, qualified for submarine command, and promoted to LCDR.

Her personal awards include the Navy Commendation Medal (2 Awards), Navy Achievement Medal (2 awards) and various service and campaign awards.

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AWARD WINNERS

Chief Paul Golden Saunders Award for Submarine Professional Excellence

FOR SUPERIOR PROFESSIONAL EXCELLENCE AS ENGINEERING DEPARTMENT MASTER CHIEF ON USS JOHN WARNER (SSN 785):

Senior Chief Smith's performance is truly exceptional. He coordinated and supervised training plans which are recognized as some of the best in the fleet. These plans required thousands of man hours of classroom training and countless hours of hands-on training. Complimenting these plans was a superb casualty drill program which ensured that JOHN WARNER was ready for any abnormal situation it may face in port or at sea. This program led to an extremely high level of knowledge and operational proficiency in his department. The boat has a most envied level of accomplishment in the Operational Reactor Safeguards Examinations (ORSE), having received the highest possible grades in the last three examinations. Senior Chief Smith develops leaders. In the last year, he trained and qualified fourteen Engineering Watch Supervisors. While this watch is normally filled by Chief Petty Officers, Senior Chief Smith was able to qualify several First and Second Class Petty Officers for this watch. His leadership and mentoring efforts have paid great dividends. The retention of first term sailors in the engineering department is close to 100%. The 2019 JOHN WARNER Sailor of the Year and Junior Sailor of the Year have been from the engineering department. Senior Chief Smith is a leader among leaders. He has great abilities to serve at the highest levels of both the Submarine Force and Navy-wide enlisted leadership positions. The Naval Submarine League is pleased to present the 2020 Chief Paul Golden Saunders Award for submarine professional excellence to ETNCS (SS) Matthew Clifton Smith.



ETNCS(SS) MATTHEW C. SMITH, USN

For superior professional excellence as Engineering Department Master Chief on USS JOHN WARNER (SSN 785). Senior Chief Smith's performance is truly exceptional. He coordinated and supervised training plans which are recognized as some of

the best in the fleet. These plans required thousands of man hours of classroom training and countless hours of hands-on training. Complimenting these plans was a superb casualty drill program which ensured that JOHN WARNER was ready for any abnormal situation it may face in port or at sea. This program led to an extremely high level of knowledge and operational proficiency in his department. The ship has a most envied level of accomplishment in the Operational Reactor Safeguards Examinations (ORSE) having received the highest possible grades in the last three examinations. Senior Chief Smith develops leaders. In the last year he trained and qualified fourteen Engineering Watch Supervisors. While this watch is normally filled by Chief

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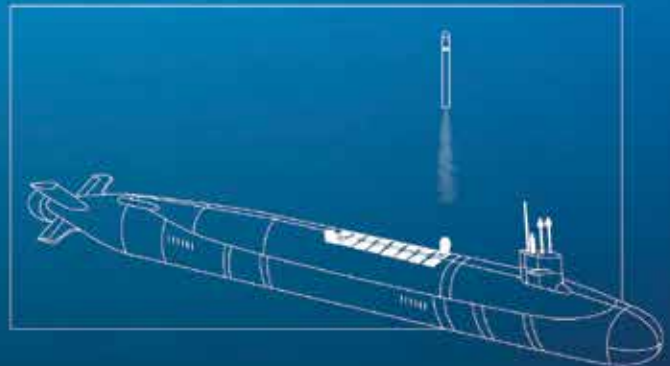
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AWARD WINNERS

Torpedoman Second Class Henry Braault Award

**FOR OUTSTANDING PROFESSIONAL PERFORMANCE AS LEADING YEOMAN,
COMMAND FITNESS LEADER, PERSONNEL OFFICER, CAREER COUNSELOR
AND DIVING OFFICER OF THE WATCH ON USS SCRANTON (SSN 756):**

Petty Officer Edmonds exemplifies the highest ideals of leadership, professional excellence, and operational competence. As a First Class petty officer, he routinely demonstrates leadership qualities expected of a chief petty officer. As a Diving Officer of the Watch, a position normally filled by a chief petty officer, he was directly responsible for the ship's exceptional ship control during a recent deployment involving challenging mission areas. As a result of his hard work as Personnel Officer and Alternate Career Counselor, SCRANTON received the Navy Retention Excellence Award two years in a row. His ability to run an efficient boat's office resulted in the boat receiving the Squadron Personnel "P" Award for 2019. As Command Fitness Leader, his efforts resulted in a 20% reduction in the number of boat' personnel on the fitness enhancement program. He provides excellent administrative support to the crew, personally resolving over 90 pay issues, returning over \$175,000 to crew members. He processed large numbers of letters of commendation and award recommendations and was the coordinator and primary planner of several recent change of command programs. The Naval Submarine League is pleased to present the 2020 Torpedoman Second Class Henry Braault Award for submarine professional excellence to YNS1 (SS) Darien Deshawn Edmonds.



YNS1 Edmonds is originally from Petersburg, Virginia, a small town just south of Richmond. In January 2011,

YNS1(SS) DARIEN D. EDMONDS, USN PERSONNEL OFFICER, USS SCRANTON (SSN 756)

YNS1 enlisted in the United States Navy from Colonial Heights, Va. He graduated from Basic Enlisted Submarine School in Groton, CT and Yeoman A-School in Meridian, MS

YNS1's first assignment was USS SCRANTON (SSN 756) in Norfolk Va from August 2011-May 2014. While assigned as a member of the Yeoman Division, he executed two CENTCOM deployments and advanced to Second Class Petty Officer. His follow-on tour was Submarine Training Facility Norfolk, VA from May 2014-May 2017 as Leading Yeoman.

In August 2019, YNS1 Edmonds relieved as the Leading Yeoman of the USS SCRANTON (SSN 756) in San Diego, California. While onboard he conducted a change of command and qualified Chief of the Watch, Duty Chief Petty Officer and Diving Officer of the Watch.

His personal awards include the Navy and Marine Corps Commendation Medal, the Navy and Marine Corps Achievement Medal (six awards) and various unit awards and commendations. YNS1 Edmonds resides in San Diego, CA.

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AWARD WINNERS

VADM Levering Smith Award for Submarine Support Achievement

FOR OUTSTANDING MERITORIOUS SERVICE AS DEPUTY CHIEF OF STAFF OF MATERIALS AND LOGISTICS (N4) AND GROUP ENGINEER FOR COMMANDER GROUP SEVEN:

LCDR Wheelis was the driving force behind the superb material readiness and maintenance of all submarines deployed to the FIFTH and SEVENTH Fleets, ensuring multiple operational successes in support of high priority national security objectives. In a high-pace operational environment and in logistically challenged foreign ports, he planned and accomplished critical repairs to over 15 forward deployed submarines. His overall efforts were responsible for the ability of these boats to sustain an unprecedented operational tempo. He is a truly innovative and forward-looking leader who advanced several long-term logistical improvements to support deployed submarines. These improvements were varied, including identification of new ports capable of supporting deployed submarines, validation of mooring procedures involving US Navy logistical support vessels, improvements in torpedo loading procedures, and establishment of a towed array repair facility in a host country. He routinely provided insight and mentorship to deployed ships' Engineer Officers and other Department Heads. His outstanding performance, the tremendous support he provided to deployed submarines, and his contributions to further the fighting mettle and warfighting readiness of the Submarine Force was truly exemplary. The Naval Submarine League is pleased to present the 2020 VADM Levering Smith Award for submarine support achievement to Lieutenant Commander Jeremy William Wheelis.



LCDR Jeremy Wheelis a native of Albuquerque, New Mexico commissioned into the Navy through the Naval Reserves Officer Training program from The University of New Mexico in December 2006 where he obtained a Bachelor of Science in Electrical Engineering. After commissioning he was assigned to USS SPRINGFIELD (SSN-761) out of Groton, CT in May 2008. While on the USS SPRINGFIELD, LCDR Wheelis complete two deployments to the Mediterranean and Middle East.

LCDR JEREMY W. WHEELIS, USN EXECUTIVE OFFICER, USS COLORADO (SSN 788)

In July 2011, he transferred to Naval Nuclear Power Training Command (NNPTC) in Goose Creek, SC where he served as a Shift Engineer and oversaw the safe operation, maintenance, and training of a nuclear power plant. His tenure at NNPTC was instrumental in training and qualifying over 1000 nuclear enlisted and officers to ensure the deploying fleet remained fully manned and ready for the fight. Following completion of Shift Engineer duty in South Carolina he obtained a Master of Science in Engineering Management from Old Dominion University.

In May 2014, he reported to the USS HENRY M. JACKSON (GOLD) (SSBN-730) in Bangor, WA as the Engineer Officer. While on the JACKSON he completed four Strategic Deterrent patrols, two dry docking refits and the first ever Extended Refit Period (ERP). While on the Jackson he was ranked in the top 1/3 of all Engineers on the waterfront, was selected for XO and

promoted to LCDR.

He reported in May 2018 to COMMANDER SUBMARINE GROUP SEVEN (COMSUBGRU 7) as the Deputy Chief of Staff for Material and Logistics-N4 (GRENG) to support the leading tip of the spear in forward deployed submarine operations. While at COMSUBGRU 7 he directly supported over 30 forward deployed submarines, conducted repairs at over 50 port calls in 12 foreign ports to ensure deployed submarines remained capable and at sea with an OPTEMPO exceeding 85%. Following his tour at COMSUBGRU 7 he completed Submarine Command Course out of Groton Connecticut and reported aboard USS COLORADO (SSN 788) as Executive Officer.

His personal awards include the Meritorious Service Medal (1) Navy Commendation Medal (3 Awards), Navy Achievement Medal (4 awards) and various service and campaign awards.

AWARD WINNERS

Master Chief Frank A. Lister Award

FOR OUTSTANDING MERITORIOUS SERVICE AS DEPUTY CHIEF OF STAFF OF MATERIALS AND LOGISTICS (N4) AND GROUP ENGINEER FOR COMMANDER GROUP SEVEN:

Under Master Chief Glazner's leadership, NEVADA (BLUE) enjoyed unparalleled success in every mission area over the last three years. His positive leadership, superb management skills, uncompromising standards, and outstanding foresight were the key ingredients behind the boat's sustained superior performance and lasting impact to the submarine force. His leadership through five strategic deterrent patrols, three Operational Reactor Safeguards Examinations, two Naval Technical Proficiency Inspections, one Combat Readiness Evaluation, and three Supply Management Inspections was the primary factor which assured successful results. His inspired mentoring and leadership supported the boat's operational tempo over 50%, while improving the quality of life and morale on board. His mature and decisive actions in the face of several material, personnel, and programmatic challenges resulted in the best possible outcomes. Master Chief Glazner's sustained superior performance was essential to NEVADA's success. He is widely respected on the Bangor waterfront. His spirit, leadership, and zeal make the difference. His "find it-fix it!" all-in attitude developed NEVADA into an interconnected team of war fighters. The Naval Submarine League is pleased to present the 2020 Master Chief Frank A. Lister Award for exceptional leadership and motivation to Master Chief Timothy Richard Glazner II.



Master Chief Timothy R. Glazner was born in Blue Ridge, Georgia and raised

CMDCM(SS) TIMOTHY R. GLAZNER II, USN

in Lexington, North Carolina. He enlisted in the Navy in September of 1998 and completed basic training in Great Lakes, Illinois, Basic Submarine School and Torpedo (A) and (C) school in Groton, Connecticut.

His sea duty assignments include USS Greenville (SSN 772) (Torpedoman), USS Michigan (SSGN 727 Blue) (CPO/DEPT CPO), USS Henry M. Jackson (SSBN 730 Gold) (3MC), and USS Nevada (SSBN 733 Blue) (Chief of the Boat). Ashore he was assigned to Naval Submarine Training Center Pacific as an Instructor

and Commander Submarine Squadron Nineteen Staff.

Master Chief Glazner is a graduate of the United States Navy Senior Enlisted Academy and the Command Master Chief/ Chief of the Boat Capstone course in Newport, Rhode Island.

His personal awards include: Meritorious Service Medal, Navy and Marine Corps Commendation Medal (Three Awards), Navy and Marine Corps Achievement Medal (Six Awards) and various unit awards.



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AWARD WINNERS

RADM Frederick B. Warder Award for Outstanding Achievement

FOR OUTSTANDING MERITORIOUS SERVICE IN THE PERFORMANCE OF DUTIES AS MAINTENANCE AND MATERIAL MANAGEMENT COORDINATOR ON USS HENRY M. JACKSON (SSBN 730) (BLUE):

Senior Chief Enholm's leadership was directly responsible for dramatic improvements in the boat's refit planning and execution, combat readiness, development of junior leaders, and day-to-day material readiness. He consistently received high grades in Material Management Inspections. During a recent boat's availability, his efforts resulted in JACKSON getting underway under trying conditions on time. His working relationships with key leaders across the waterfront, high level of knowledge, and outstanding management of the ship's internal maintenance processes resulted in countless instances in which he solved problems that could have easily led to a delay in getting underway. As the boat's Forward Drill Coordinator, he made significant improvements in combat readiness, which resulted in achieving superior grades on a Combat Readiness Evaluation. The Combat Readiness Evaluation team specifically praised him for the high quality of his training simulations and drill control processes. Senior Chief Enholm has contributed significantly to future readiness in JACKSON and the submarine force through his mentoring of the crew to become qualified and proficient as Ship Control Supervisors. His contributions in career counseling, mentoring, and creating a positive command climate resulted in the ship earning the Pacific Fleet Retention Award for the past two years. He has shown sustained superior performance and significant contribution to the mission of the Submarine Force. The Naval Submarine League is pleased to present the 2020 RADM Frederick B. Warner Award for outstanding achievement to ETRCS (SS) Andrew James Enholm.



Senior Chief Enholm enlisted in May 2001 in Omaha, Nebraska after graduating from Omaha Burke High School and attending the University of Nebraska-

ETRCS(SS) ANDREW J. ENHOLM, USN

Omaha for two semesters. After completing basic training in Great Lakes he attended Machinery Repairman (MR) "A" School and then went on to Guam to serve onboard USS FRANK CABLE (AS-40) from 2001-2004. During a hometown recruiting tour as part of NRD OMAHA and NRD MINNEAPOLIS he was meritoriously advanced to First Class Petty Officer and voluntarily cross-rated to Electronics Technician (ET) Communications in 2008. After completion of ET "A" school he served onboard USS MICHIGAN SSGN 727 (Blue) where he would be advanced to Chief Petty Officer in 2010. His first Chief tour was onboard USS HENRY M JACKSON SSBN 730 (Blue). After a shore tour at

Naval Submarine Support Center (NSSC) Bangor, WA he would once again serve aboard USS HENRY M JACKSON SSBN 730 (Blue), this time as the Maintenance Material Manager Coordinator (3MC). He is currently serving at Talent Acquisition Onboarding Center (TAOC) KANSAS CITY as an Officer Recruiter.

His awards include three Navy Commendation Medals, six Navy-Marine Corps Achievement Medals, four Battle "E" Efficiency Awards, one Humanitarian Service Award and numerous other decorations.

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AWARD WINNERS

VADM J. Guy Reynolds Award for Excellence in Submarine Acquisition

FOR EXCEPTIONALLY MERITORIOUS SERVICE AS MANAGER OF THE COMBAT AND WEAPONS CONTROL SYSTEMS PROGRAM OFFICE (PMS 425):

CAPT Zettler exemplifies the finest attributes for an acquisition professional. His motivation and exceptional devotion are widely recognized within the acquisition community. He has consistently demonstrated initiative, innovation, collaboration, cost efficiency, and fleet-focused leadership in his drive to deliver and sustain the most capable and reliable submarine combat system and submarine launched unmanned systems. CAPT Zettler's specific accomplishments include several rapid, innovative responses to urgent fleet requirements. He led a combined Program Office and NUWC Newport Warfare Center team in coordination with multiple stakeholders to deliver the Submarine Combat Control System (AN/BYG-1) Virtual Twin, a revolutionary capability which will transform the submarine combat system computing infrastructure. He led the team through an aggressive schedule, and the new system was designed, tested, certified, and installed in less than a year. Leading another team of diverse stakeholders, CAPT Zettler met the technical acquisition challenges of transitioning nascent technology for the Submarine Launched Unmanned Aerial System (SLUAS) into a viable and sustainable capability. He also exercised exceptional forethought and technical expertise in establishing a flexible, cyber-resistant combat system that could accelerate delivery of capability for artificial intelligence and machine learning. The Naval Submarine League is pleased to present the 2020 VADM J. Guy Reynolds Award for excellence in submarine acquisition to CAPT Gregory M. Zettler.



Captain Zettler is a native of Springfield, VA and graduated from the United States Naval Academy in May of 1994 with a Bachelor of Science in General Engineering. He holds a Master of Science Degrees in Leadership and Human Resource Development from the Naval Postgraduate School and in National Resource Strategy from the Industrial College of the Armed Forces. His early sea tours as a nuclear submarine warfare officer included assignments aboard USS Phoenix (SSN 702), USS Norfolk

(SSN 714), USS Scranton (SSN 756), and USS Rhode Island (Blue). He served as the Commanding Officer of USS Norfolk (SSN 714) from November 2011 to October 2014. During these assignments, Captain Zettler completed four strategic deterrent patrols and multiple deployments to the North Atlantic, Mediterranean Sea, Arabian Gulf, and Horn of Africa.

Assignments ashore include tours as a Company Officer at the United States Naval Academy; the Anti-Submarine Warfare Requirements Officer on the staff of Commander, United States Fleet Forces Command Capabilities and Resource Integration Directorate; the Deputy Special Assistant to the Chief of Naval Operations for Joint Matters; and as the Senior Member of the Tactical Readiness Evaluation Team for Commander, Submarine Forces Atlantic.

CAPT GREGORY M. ZETTLER, USN MAJOR PROGRAM MANAGER FOR NAVY HYPERSONICS *CONVENTIONAL PROMPT STRIKE*

After joining the Acquisition Corps in 2016, Captain Zettler served in the Undersea Weapons Program Office (PMS 404) as the Director of Test and Evaluation, and as the Major Program Manager for the Submarine Combat and Weapon Control System Program Office (PMS 425). He assumed duties as the Major Program Manager for Navy Hypersonics - Conventional Prompt Strike in October 2020.

Captain Zettler is most proud to have served with teams that earned a Navy Unit Commendation, three Meritorious Unit Commendations, and four Battle "E" Awards for excellence. His personal awards include the Legion of Merit (three awards), Meritorious Service Medal (three awards), Navy Commendation Medal (six awards) and the Navy Achievement Medal (two awards).

AWARD WINNERS

DOLPHIN AWARDS

The Dolphin Award recognizes the officer and enlisted member serving onboard a commissioned submarine on 11 April 2020 who have the earliest date of qualification in submarines.

GOLD WINNER

CAPT ROBERT E. PETERSON, USN
USS GEORGIA (SSGN 726) (GOLD)
QUALIFIED JANUARY 0000

SILVER WINNER

ETVCM(SS) RAYMOND L. BROWN, USN
USS MARYLAND (SSBN 738) (BLUE)
QUALIFIED MAY 1991

LITERARY AWARDS

CIVILIAN

FIRST PLACE

VADM George Emery, USN (RET)
"Sea Trial Letters - Robert Masters Rickover's
Letters from His Father"
September 2020

SECOND PLACE

RADM W. J. "Jerry" Holland, USN (RET)
and
CAPT Wayne Hughes, USN (RET)
"Submarines in the Fleet"
June 2020

THIRD PLACE

CDR George Wallace, USN (RET)
"Launch the Killer Bees!"
June 2020

ACTIVE DUTY

FIRST PLACE (TIE)

LTJG Jacob Glassman, USN
"Submarine Warfare 3.0; A Combat
Systems Evolution - The New Domain of
Submarine Warfare"
March 2020

FIRST PLACE (TIE)

LT Michael Hughes, USN
"Ensuring U.S. Maritime Supremacy
in the Hidden Ocean"
September 2020

THIRD PLACE

LT Michael Lacey, USN
"China Is Developing a Cadre of
Undersea Experts"
December 2019

DISTINGUISHED CIVILIAN AWARD

FOR SIGNIFICANT CONTRIBUTION TO THE SUBMARINE FORCE

Mr. Snider has provided superior professional engineering expertise to the Navy and the nation over many years while assigned to Naval Reactors (NR). He joined the Navy through the Nuclear Propulsion Officer Candidate Program and was selected to join the staff of NR following commissioning. His early duties included supervision of reactor refueling and spent nuclear fuel shipping issues. Following transition to civil service he worked on steam generating component manufacture and radiological controls issues. For two years he served as the NR Representative at the Electric Boat Shipyard. This assignment involved the oversight of nuclear plant construction and testing of OHIO, SEAWOLF, and VIRGINIA class submarines. In 1998, he served as Deputy Program Manager for new construction submarines. In 2001, he served as NR's primary liaison with government agencies and foreign governments, including efforts to gain access to foreign ports for our nuclear ships. He was the key negotiator in gaining trust and acceptance of the Government of Japan to permit the first ever forward deployment of a nuclear-powered aircraft carrier to Yokosuka Japan. In 2008, he was selected to be the first NR representative to the United Kingdom where he served for three years. In 2011, he served as the NR Deputy Program Manager for Virginia Class submarines. As an NR Section Head, he supervised a variety of activities including development of advanced submarines, training ship conversions, and the technology exchange between the US and UK. His contributions to the nuclear navy's continued safe operation and future success have been truly outstanding. The Naval Submarine League takes great pride in presenting Mr. Eric Snider with the Distinguished Civilian Award for 2020.

MR. ERIC S. SNIDER



A native of Madison, North Carolina and former Navy officer, Eric S. Snider was the naval reactors section head - program manager for advanced attack submarines, moored training ship conversion and United States-United Kingdom technology exchange. He personally managed the Virginia Class propulsion plant design and construction program, a model program based on its continuous reduction in cost and schedule. Snider also managed the complex and extensive modification of two Los Angeles class submarines into moored training ships.

Snider's contributions to the submarine force extend to the United States' closest ally. He served as the Naval Nuclear Propulsion Program's first senior executive technical advisor in the United Kingdom. His expertise and team approach established a trust-based relationship that facilitated extensive technology exchange, including integrating U.S. personnel in U.K. submarine design teams.

Reflecting on Snider's more than 36 years of service at Naval Sea Systems Command (NAVSEA 08), Adm. J. F. Caldwell, Jr., director of the Naval Nuclear Propulsion Program, lauded Snider's lifetime of contributions to the submarine force.

"It is no stretch to state that there are very few government executives with a greater impact on the future of credible American submarine power to maintain the peace, deter conflict, protect American interest, and when called on, fight with effect," according to Caldwell.



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DISTINGUISHED CIVILIAN AWARD

FOR SIGNIFICANT CONTRIBUTION TO THE SUBMARINE FORCE

Mr. McCormack served as the Executive Director for the Naval Surface Warfare Center (NSWC) and Naval Undersea Warfare Center (NUWC). Mr. McCormack was responsible for leading more than 23,000 civilian scientists, technicians, and support within ten divisions located across the country to perform research, development, test, and evaluation for the future Navy, and to provide in-service engineering, and logistics support for the operating fleet. Prior to assuming his current position, he served in many challenging assignments within NUWC in ever increasing responsibility and authority. As Director for Weapons Systems, he was responsible for a broad program of exploratory and advanced development, test, and evaluation, fleet introduction, and complete life cycle support for undersea weapon systems. As NUWC Executive Director, he was responsible for the overall planning and direction of scientific and technical activities related to the US Navy's undersea weapon systems. As Director for Undersea Warfare Command and Control Systems Product Area, he was the focal point, leader, and advocate for all Command and Control systems and represented the product area to customers. He is the recipient of many awards for outstanding performance. Significant among these was the receipt of the Meritorious Presidential Rank Award in 2005 and the Distinguished Executive Presidential Rank Award in 2010 and 2016. The Naval Submarine League takes great pride in presenting Mr. McCormack with the Distinguished Civilian Award for 2020.

MR. DONALD F. MCCORMACK

Donald F. McCormack spent more than 35 years in federal government service advocating for the undersea warfare community. He began his career as an Electronics Engineer in 1985 and worked in a variety of engineering programs essential to Navy undersea capabilities including test and evaluation, rapid prototyping, and life-cycle support. He had a fifteen-year tenure as the Executive Director of the Naval Undersea Warfare Center and then was Executive Director of the Naval Surface and Undersea Warfare Centers for 8 years, McCormack diligently led his teams to ensure the warfighter had the best technical, timely undersea warfare solutions for operational fleet needs.

Throughout his career, McCormack strived to push undersea warfare technology further and deliver it to the fleet faster. His emphasis on Continuous Process Improvement (CPI) enhanced the relationships between warfare centers, their customers, and stakeholders, which increased collaboration and improved productivity. Additionally, through CPI, the warfare centers realized \$103M in financial benefits in fiscal year 2019.

McCormack retired from federal government service in April.



DISTINGUISHED CIVILIAN AWARD

FOR SIGNIFICANT CONTRIBUTION TO THE SUBMARINE FORCE

Dr. Bundy brought a wealth of background and experience to his position directing the Naval War College Warfare Research Department. While in commissioned service, he served in seven submarines including attack and fleet ballistic missile submarines and served as Commanding Officer of USS Barbel (SS 580). In his assignment as Acting Chair of the Warfare Analysis and Research Department, he directed over 35 Navy and joint concept development workshops and war games. He was a significant contributor to the Maritime Ballistic Missile Defense Concept of Operations. He wrote numerous white papers on integrated air and missile defense, undersea warfare, information operations, cyber warfare, missile warfare and directed energy. He designed and facilitated the Joint Integrated Air and Missile Defense War Game Series and the SSGN Capabilities Study. Dr. Bundy assisted more than 180 warrior-scholars in completing a comprehensive research program. He was the recipient of many prestigious awards including the Navy Superior Civilian Service Award, the Black Engineer of the Year Achievement Award, the Navy League Dalton L. Baugh Award for Inspirational Leadership, and the Federal Employee Rhode Island Humanitarian Award. Dr. Bundy died in December 2019. The Naval Submarine League takes great pride in posthumously presenting Dr. William Bundy the Distinguished Civilian Award for 2020.

DR. WILLIAM F. BUNDY



Retired U.S. Navy Cmdr. William F. Bundy, Ph. D enlisted in the Navy in 1964. Throughout his military career, he served on seven submarines, rising to the enlisted rank of chief sonar technician (submarines). When Bundy took command of USS Barbel (SS 580) in 1988, he became the first African American enlisted Sailor to receive a commission and become a submarine commanding officer. This distinction solidified Bundy's place in naval history as a member of the Centennial Seven – the moniker given to the first seven African Americans to command a submarine during the first 100 years of the U.S. submarine force.

Bundy retired from the Navy in 1994 and became the director of the Rhode Island Department of Transportation in 1995. Later he accepted a civilian position at the U.S. Naval War College and seized the opportunity to continue recruiting, training and mentoring submarine force personnel. An associate provost at the Naval War College, he taught at both the undergraduate and graduate levels, focusing on undersea technology integration.

He passed December 15, 2019 at the age of 73.

DISTINGUISHED SUBMARINER AWARD

FOR LIFETIME ACHIEVEMENT

Vice Admiral Eytchison served the Navy and his community with great distinction for over 33 years of commissioned service. Following graduation from the United States Naval Academy in 1958 and a destroyer tour on USS LEONARD MASON, his submarine assignments included duty on four submarines including USS SKIPJACK, USS SAM HOUSTON, USS ABRAHAM LINCOLN, and command of USS SKATE. Significant shore and staff assignments included assignment as USS Senior Member of the Atlantic Fleet Nuclear Propulsion Examining Board, Command of Submarine Squadron Six, and Head of the Submarine Officer Detailing Branch in BUPERS. As a new flag officer in 1982, he served as Director of the Attack Submarine Division in OPNAV. In 1985, he was assigned as Commander Submarine Group Eight. He next served as Director, Strategy, Plans, and Policy in OPNAV. As a Vice Admiral in 1988, he assumed duties as the Vice Director, Joint Strategic Target Planning Staff. After retirement in 1991, he joined the Tennessee Valley Authority as Senior Vice President responsible for two nuclear stations. He served as a management consultant for many nuclear industries, safety boards, and advisors. He has made contributions of extraordinary value to the Navy by serving as National Director of the Navy League, and he is a long-standing member of the Naval Submarine League, the United States Submarine Veterans, and the Submarine Force Library and Museum Association. He is extremely active in his local community, serving in his church and many civic organizations. The Naval Submarine League takes great pride in presenting Vice Admiral Eytchison the Distinguished Submariner Award for 2020.

VADM RONALD M. EYCHISON, USN (RET)



Retired U.S. Navy Vice Adm. Ronald M. Eytchison graduated from the U.S. Naval Academy with distinction in 1958 and held positions aboard both fast attack and ballistic missile submarines, including serving as operations officer of USS Skipjack (SSN 585), and executive officer of USS Abraham Lincoln (SSBN 602). When he assumed command of USS Skate (SSN 578) in 1971, he became the first in his Naval Academy class to command a nuclear submarine. Notably, Eytchison also served on President Carter's Commission on the Accident at Three Mile Island, using his extensive reactor operating expertise he authored assessments that led to significant improvements in commercial nuclear power operations safety.

His last active duty assignment was as the vice director of the Joint Strategic Planning Staff. He served in assignments involving the development of maritime strategy and the targeting of all strategic nuclear weapons. The targeting review he led for President Bush formed a basis for the historic START II Treaty.

Although Eytchison retired from the Navy in 1991, he continued to support nuclear programs, initially as a senior vice president of the Tennessee Valley Authority and ultimately as a member of several nuclear safety boards and as nuclear advisor to multiple corporations. He served as a national director of the Navy League of the United States and is an active member of several military and civic organizations.

DISTINGUISHED SUBMARINER AWARD

FOR LIFETIME ACHIEVEMENT

Admiral Clemins served the Navy and his country with great distinction for over 35 years of commissioned service. Following graduation from the University of Illinois he was commissioned through the Naval Reserve Officer Training Program. After receiving nuclear power training, he served on both ballistic missile and attack submarines before serving as Executive Officer of USS PARCHE and Commanding Officer of USS POGY. Follow-on commands included Commander Submarine Group Seven, Commander Pacific Fleet Training Command, Deputy Commander US Atlantic Fleet, and Commander US Seventh Fleet. Upon promotion to Admiral, he assumed command of the US Pacific Fleet. An early champion of promoting information technology, he played a major role in the development of the Navy-Marine Corps intranet. Many consider him the father of “high tech” in the Navy. In retirement he founded an international consulting firm. His specialty was building alliances with a focus on using innovative commercial technologies to solve intrinsic problems. He was the recipient of many Navy and civilian awards. Significant among these were two Presidential Unit Citations, three Distinguished Service medals, the Armed Forces Communications and Electronic Association’s David Sarnoff Award, and the Naval Order of the United States-Distinguished Sea Service Award. Admiral Clemins died in March 2020. The Naval Submarine League takes great pride in posthumously presenting Admiral Clemins the Distinguished Submariner Award for 2020.

ADM ARCHIE R. CLEMINS, USN (RET)



Retired U.S. Navy Adm. Archie R Clemins graduated from the University of Illinois and was commissioned through the Naval Reserve Officer Training Program. He held a variety of leadership positions at sea and ashore including commanding officer of USS Pogy (SSN 647) and commander of Submarine Group Seven in Japan. During his final assignment, Clemins commanded the U.S. Pacific Fleet.

An early champion of operationalizing information technology, Clemins played a major role in the development of the Navy-Marine Corps intranet. In a 1997 article in Proceedings, he wrote “we stand at the brink of a major revolution in how we conduct military affairs, from both an operational and a support standpoint. As the information age in the Navy is poised to enter the third phase of development, we must go beyond simply improving our tools, and instead leverage those tools to fundamentally change our processes.”

Clemins retired from the Navy in 1999 and many consider him the “father of high-tech” in the Navy. As a civilian, he founded an international consulting firm and served on the board of multiple companies. Additionally, Clemins was an active volunteer with several community organizations.

After Clemins’ death on March 14, 2020, former Illinois lieutenant governor Bob Kustra wrote in a tribute that “much of the shipboard innovations in computers for command, control and communications for how the Navy Fleet should operate can be traced to (Clemins’) vision.”



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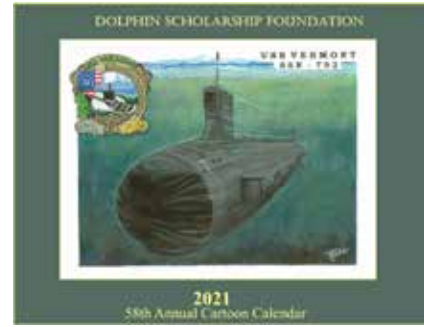
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General Dynamics Electric Boat and Newport News Shipbuilding both have proud histories supporting the mission of the U.S. Navy. Through a unique teaming agreement, the two shipbuilding companies have worked together for more than 20 years to build Virginia-class fast attack submarines. They are now forging another partnership as they invest in new facilities and work to design and build the Columbia-class, the newest generation of ballistic missile submarines. The companies are the only providers of U.S. Navy submarines.

GENERAL DYNAMICS Mission Systems

General Dynamics Mission Systems partners with the U.S. Navy to provide advanced, mission-critical technologies for sustained influence across the maritime domain. We develop the next generation of strategic and tactical submarine combat systems, UUVs, and undersea network capabilities to help our nation and our allies stay ahead of the threat. We design, integrate, and deliver command and control, training, and sensor systems using our deep domain expertise in land, sea, space, and cyber – solving the toughest operational challenges by delivering secure and reliable fire control and tactical control systems deployed on every U.S. Navy submarine. Together with trainers and developers we extend submarine tactical training tools across virtual platforms. We design, develop, and manufacture multi-mission UUVs for U.S. and International Navies. We design, manufacture, and deploy state-of-the-art undersea networks and acoustic sensors.



Dolphin Scholarship Foundation (DSF) was established in 1960 with a mission to ease the financial burden of undergraduate and vocational education for the sons, daughters, and spouses of eligible members of the U.S. Submarine Force. DSF receives funding for its scholarship program through Submarine Spouse Organizations, and both individual and corporate donors. In addition, program funding is also raised through various fundraising events such as annual golf tournaments and our traditional DSF cartoon calendar sales. Since 1960, DSF has awarded over \$13,000,000 in scholarship grants to over 1,375 students.

Today, Dolphin Scholarship Foundation sponsors 112 scholarships with an annual award of \$2,000 or \$3,400 per student for two to four years of full-time undergraduate studies as well as students pursuing trade/vocational certification. Dolphin Scholarships are renewable for up to four years. Scholars are selected based on academic proficiency, commitment and excellence in school and community activities, and financial need.



General Atomics Electromagnetic Systems (GA-EMS) offers a portfolio of technologies, systems, and build-to-print manufacturing capabilities for surface ships, and manned and unmanned underwater vehicles. We are experienced in manufacturing large, complex naval structures and critical parts for a variety of advanced weapons systems. GA-EMS offers significant in-house expertise, quality assurance, and non-destructive testing to get the job done right. We are pioneering laser systems for more robust communications and high-energy lasers, and hypersonic weapons technologies to more effectively address emerging threats.

GA-EMS is developing propulsor, shafting and bearing components to support the COLUMBIA and VIRGINIA class submarine programs, and related designs to meet future requirements. Current and future naval platforms are, and will be, powered by our advanced energy storage and management technologies, including Lithium-ion Fault Tolerant (LiFT) battery systems, Aluminum Power Systems (ALPS) and permanent-magnet motors, generators and drives.

EXHIBITOR DESCRIPTIONS



Globe Composite Solutions is a full-service Design-to-Manufacturing company founded in 1890. Globe provides design, material, and process expertise to create composite-based solutions for the U.S. Navy, helping them to more effectively accomplish their mission.

Globe is ISO 9001:2015, EB2678 and NAV 12 & 15 certified, and has manufactured a variety of gaskets for the U.S. Navy since 1997. Globe was also mentioned in the Navy Metalworking Center (NMC) Annual Report for our work developing a durable coating solution for GTC tiles.

Navy platforms Globe supports include Los Angeles, Ohio, Seawolf, Virginia and Columbia Class Submarines as well as UUVs for Military and civilian applications. We deliver over 140 different submarine parts and components for the U.S. Navy.



Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 110,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.



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Northrop Grumman solves the toughest problems in space, aeronautics, defense and cyberspace to meet the ever evolving needs of our customers worldwide. Our 90,000 employees define possible every day using science, technology and engineering to create and deliver advanced systems, products and services.



Innovative Defense Technologies (IDT) develops best-in-class automated solutions to facilitate the rapid delivery of capabilities to the warfighter. IDT's technologies are based on Automated Test and ReTest (ATRT), a Navy SBIR initiative. ATRT supports mission-based Testing and Analysis (T&A), Virtualization, and Systems Integration for complex, software-driven tactical undersea systems.

ATRT provides a secure, cloud-based application development, test, deployment and analytics ecosystem that include Test Bay as a Service (TBaaS). Tactical capability developers utilize modern MBSE, Dev/Sec/Intel Ops, and Automated T&A methodologies with access to virtualized test assets to achieve a continuous integration, test and deployment process. Additionally, IDT is working directly with the Navy to bring the ATRT Enterprise to the warfighter in the form of the Digital Warfighting Platform (DWP) for the DISC.

IDT has a proven reputation for the accelerated delivery of highly effective solutions to meet emerging needs. Contact us to schedule a demo. www.IDTus.com



SSS® Clutch Company, Inc.

SSS Clutch Company, Inc. builds the broadest range of high power, automatic, overrunning, gear-type clutches. The versatility, mechanical operation, and unrivaled performance of SSS Clutches make them the preferred option for main propulsion systems as well as turbine starting systems, turning gears, and exhaust energy recovery systems. The automatic engagement of SSS Clutches allow for simplified control systems, reduced oil supply, and hold a greater MTBF than competitor's solutions, therefore improving drive train reliability. SSS Clutches can be fitted with lock-in and lock-out options for reversing drives, reduced noise operation, and drive train isolation. Additional mechanical safety protection is available to protect propulsion systems from incorrect operation and blackout scenarios.

More than 1,500 SSS Clutches are currently operational in 16 Classes of U.S. Navy and U.S. Coast Guard surface ships and 8 Classes of U.S. and Royal Navy submarines.

EXHIBITOR DESCRIPTIONS



Boeing's undersea capabilities include Echo Voyager Extra-Large Unmanned Undersea Vehicle (XLUUV) and Wave Glider Unmanned Surface Vehicle (USV). The XLUUV leverages Boeing's 60-year design and operations experience using manned and unmanned undersea systems. The host-ship independent Echo Voyager is designed to operate autonomously for months at a time, providing game-changing capability. It is ideal for dull-dirty-dangerous missions, freeing manned submarines for highly complex operations. The system swims from port for months-long operation, delivering modular multi-mission capability; orders of magnitude beyond traditional UUVs. The XLUUV is a pivotal component of future USN undersea capability and capacity. The Wave Glider is powered by wave and solar energy. It survives at sea for many months in the toughest conditions, enabling continuous monitoring and communications. Wave Gliders have travelled more than 1.5 million nautical miles, revolutionizing how we explore and understand the world's oceans by gathering data in costly or operationally challenging locations.



A future Virginia Class submarine is the USS Iowa (SSN 797). It is the 5th US Navy Submarine to be named after the state of Iowa. Currently christening is best estimated to be fall 201 or spring 2022 and future christenings will be "in the water" as opposed to completely out. Commissioning is now assumed to be scheduled November 2022-January 2023 since construction has been slowed down from two per year to one.

The Iowa Commissioning committee is a 501(c)(3) tax exempt organization that works hard to create awareness and build a community that supports the USS Iowa. Currently, the site offers a direct donation connection and houses an online store. We encourage the NSL community to help us support and celebrate our upcoming ship, crew, and their family.



The USS HYMAN G. RICKOVER (SSN-795) Commissioning Committee (HGRCC) is headquartered at the Union League Club of Chicago, and is a division of the Armed Forces Council of Chicago, a 501(c)(3) tax exempt organization that serves as an umbrella for several military support groups, including those that support the USS CHICAGO (SSN-721) and the USS ILLINOIS (SSN-786). Chicago is a fitting place for the committee to be located, as it is Admiral Rickover's hometown. The committee's function is to enhance awareness of the RICKOVER in the civilian community, and raise the funds needed to support the christening and commissioning ceremonies, provide gifts for the crew, and supply amenities to improve the lives of the sailors during their many months at sea. Contributions from members and friends of the NSL are welcome and can be made on our website. Currently christening is expected in Spring 2021 and commissioning in Spring 2022.



Bring together people of Idaho and the Crew of the USS Idaho to celebrate the extraordinary honor of having a submarine named for the state. Creating a lasting bond between the people of Idaho and the sailors of the submarine that will last throughout the life of the ship. Recognize men and women that have served and will serve throughout the history of the land we now call Idaho.

Act as the State's agent for planning, funding, and conduct of christening and commissioning activities. Create statewide social, and educational activities creating a lifelong bond between the people of Idaho and those who serve in defense of our great state and nation on USS IDAHO. Implement a sustainable program for the USS IDAHO, from the first crew to all crews, of ongoing support from the people of Idaho to the crew and families.

EXHIBITOR DESCRIPTIONS

USS MONTANA COMMITTEE



Supporting the commissioning of SSN 794 and all those who sail aboard her in defense of our nation.

The USS Montana (SSN 794), christened on September 12th, will be the next Virginia Class nuclear-powered fast attack submarine to join the fleet from Newport News Shipbuilding. Commissioning is likely to be in late 2021.

The USS Montana Committee's mission is to support the commissioning of SSN 794 and, for her service life, all those who sail aboard her in defense of our nation. We invite you to join us as we help make history.

On our website you'll find lots of information about the submarine, its 1908 armored cruiser namesake, and our work. Our website News blog section includes fascinating and fun articles on the boat, its crew, and how its sailors and Montanans are already bonding.

If you or your company would like to know more, or would like to support what we're doing, just contact us directly or through the website.



I am a Master Chief Machinists Mate and a Master Chair Maker. I spent 18 of my 23 years in the Navy in Submarine Service. I taught furniture and chair making at Palomar College for 22 years.

Making Appalachian Ladder Back chairs and Colonial Windsor chairs has been my passion for the past 25 years. I now teach private classes for chair making and woodworking. My website, www.russfilbeck.com, will give you more information.

I have worked with President Jimmy Carter and Mrs. Carter on several occasions to build chairs and Shaker boxes to support the Carter Center. My book, *Making Ladderback Chairs with Russ Filbeck*, was published in 2010. The book describes how to build the Ladder Back chairs starting with a basic two-slat side chair through the six-slat rocking chair. I hope you will buy my book and come to San Diego to make a chair with me.



The next Virginia Class submarine to be commissioned will be the USS Oregon (SSN793). It is scheduled to be commissioned in late spring or early summer of 2021. The Christening Ceremony was held at General Dynamics Electric Boat in Groton, CT on October 5, 2019 with sponsor Dana Richardson breaking a bottle of Oregon wine on the boat. This is the second ship named for the State of Oregon, the first being the famous USS Oregon (BB3), known as the Bull Dog of the Fleet. This is a great honor for our State and acknowledges our contribution to the nation's defense. We, the Committee, seek your support in honoring the crew and celebrating our ship's entry into the Fleet, delivering advanced capabilities for undersea supremacy.

Consider joining us in supporting our commissioning that will celebrate the crew, the boat, perpetuate the memory of her illustrious predecessor, and commend our State.



Two If By Sea pits the Soviet KGB against the US Navy with espionage, sabotage, joint force nuclear and conventional combat delivering a scorching blow to the red flag and its hammer and sickle.

A career Special Forces soldier, LTC Northacker served in the Army and the Air Force. As a military historian and educator, he also served as a US Army Command and General Staff College instructor.

Otherwritingforperiodicalsincludes the airborne magazine *Static Line* as a column editor, *Submarine Review*, *Veritas*, and both writer and contributing editor for military history for *Soldier of Fortune Magazine* since 1983.

Bill proudly worked as a NAF civilian at the US Navy Motion Picture Service Brooklyn, NY, for almost twenty years and six more years in the commercial motion picture industry. His last four working years as a New York City high school teacher and adjunct professor completed his career.

The web site is www.war-author.com

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