March - April 2021 | Vol. 9 Issue 2

CCOMPASS THE FORCE BEHIND THE FLEET

CHIEFOF NAVAL OPERATIONS OPERATIONS VISITS NSWC PCD



NSWC Panama City Division Ensuring Warfighting Dominance in the Littoral Battlespace



March - April 2021 | Vol. 9 Issue 2

Capt. David Back, USN Commanding Officer



Dr. Peter Adair, SES Technical Director

About the Publication

The *Coastal Compass* is published bimonthly by the Naval Surface Warfare Center Panama City Division (NSWC PCD) and is an authorized medium for news of general interest about employees of NSWC PCD and their work.

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Dr. Tory Cobb (left) briefed Adm. Mike Gilday, CNO (right) about NSWC PCD's efforts with artificial intelligence and machine learning for unmanned systems.

U.S. Navy photo by Eddie Green

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IN THIS

04 View from the Bridge

05 Workforce Connection

05 Welcome Aboard

05 I Civilian Length of Service

06 Technical Spotlight

- **06** Visit from Chief of Naval Operations
- 07 | HACKtheMACHINE
- **08** | Remembering the Holocaust
- 09 Virtual Lean in Circles events
- **10** Honoring Women's History Month
- **12** I NSWC PCD Test Directors named Testers in the Spotlight
- **13** Division Spotlight
- **14** Quickstrike Team wins Joint Capability Technology Demonstration Award
- 15 | Military Awards
- 16 Other Awards

12 Workforce Connection

16 Sexual Assault Prevention Response**18** Innovation Center

15 Lifestyle

- **17 |** FIAR **18 |** DAWIA
- 19 Safety
- 19 | Safe

Features



Visit from Chief of Naval Operations



Hack the Machine





Capt. David Back, USN Commanding Officer

One of our strategic campaign plan goals is to be the undisputed technical and business experts in support of warfighting in the littoral battlespace, and we are continuing to achieve this goal.

 Capt. David Back, USN Commanding Officer

NSWC PCD Team,

It has been almost a year since I relieved Captain Peters and spring is again here. Our command is beginning to see some business return to normalcy, and many of you have begun returning to the workplace in support of mission requirements. It's good to see the parking lot a little less empty.

One of our strategic campaign plan goals is to be the undisputed technical and business experts in support of warfighting in the littoral battlespace, and we are continuing to achieve this goal. Each day, as you begin your work, I ask you to think about innovative ways you can contribute to the goals of the organization. Each of your contributions is valuable and each person brings a unique perspective that is valued at this command. I know that you will continue to find innovative ways to shape future littoral battlespace operations through mission area analysis, shaping the long-term vision and matching it with individual and team development, develop credible technical solutions, and find cost- and time-efficient ways to use the acquisition process in support of our warfighters.

Of recent note, unmanned systems are one of our mission priorities at NSWC PCD and we are developing new ways to expand our unmanned capabilities. During the Chief of Naval Operation's recent visit to the command, our unmanned capabilities were highlighted and celebrated. Adm. Mike Gilday stated he was impressed with the progress on the work you all continue to do during this challenging time while continuing to be mission ready. Keep up the great work!

Capt. David Back NSWC PCD Commanding Officer

9	WELCOME ABOARD

CODE 01	Sadie Arcement Jonathan Hall	01B1 0122
	Maribel Mendez	0122
CODE 02	Maximillian Moore	023
CODE 10	Andrew Fite	1072
CODE A	Lesley Kitchens	A32
	Kenton McGraw	A14
	Anjelica Rivers	A13
	Alexander Spotswood	A11
CODE E	Stephanie Decker	E54
	Colleen Goodwin	E52
	Benjamin Nelson	E54
	Shawn Plachte	E24
CODE X	Lindsey Harrison	X10

civilian LENGTH of SERVICE



NAVAL OPERATIONS VISITS **NSWC PCD**

By Cierra Burch and Katherine Mapp, NSWC PCD Public Affairs Capt. David Back (left), commanding officer at NSWC PCD and Dr. Peter Adair (right), NSWC PCD technical director, provide a tour of unmanned systems with Adm. Mike Gilday, CNO (center). U.S. Navy photo by Anthony Powers

PANAMA CITY, Fla. – Adm. Mike Gilday, Chief of Naval Operations (CNO) and Master Chief Petty Officer of the Navy (MCPON) Russell Smith visited Naval Surface Warfare Center Panama City Division (NSWC PCD) March 4, to learn more about progress on unmanned, artificial intelligence and machine learning technology.

"Our Sailors – uniform and civilian- are the strength of our Navy and from what I've seen first-hand during this visit, our team is strong," said Gilday. "The innovation, dedication and perseverance of our Sailors and their families impresses me every day. I could not be more proud of the work our Sailors are doing here and am truly impressed by their personal response to remain mission ready."

Gilday and Smith spent the afternoon taking briefs and engaging with Sailors.

"NSWC PCD is rapidly delivering solutions to meet emerging fleet needs," said Capt. David Back, NSWC PCD commanding officer. "Hosting the CNO and MCPON to demonstrate NSWC PCD's capabilities is an honor." NSWC PCD continues to expand the

advantage and ensure warfighting dominance in the littoral battlespace through projects such the regional super connector network Gulf Coast Tech Bridge, which accelerates solutions to the Navy's coastal science and unmanned systems challenges through partnerships and innovation, and unmanned systems.

Dr. Peter Adair, NSWC PCD technical director and leader in mine warfare for the U.S. Navy, emphasized the significance of NSWC PCD's unmanned capabilities.

"Taking Sailors and Marines out of harm's way and reducing the operational timeline is imperative. Unmanned technologies are how we are going to get there," said Adair.

"We have developed unmanned systems and technologies both locally and in conjunction with our partners. Being able to demonstrate them to the CNO and MCPON, the leaders of the fleet, is invaluable."

The visit provided Gilday and Smith with a clearer understanding of NSWC PCD's efforts to support the warfighter.

"As we adapt to an increasingly complex security environment, it is imperative that the Navy develop a warfighting network of networks to support a future fleet of manned and unmanned vessels," said Gilday. "Information has become the cornerstone of how we operate, and we need to be able to decide and act faster than anyone else."

Ricky McNaron (left), NSWC PCD engineer, briefed Adm. Mike Gilday (right), CNO, about NSWC PCD's efforts with unmanned surface vessels. U.S. Navy photo by Anthony Powers



NSWC PCD HONES MARITIME CYBER HACKING DURING VIRTUAL

By Katherine Mapp, NSWC PCD Public Affairs

U.S. Navy photos by Eddie Green

PANAMA CITY, Fla. – To deliver more lethal, better-connected fleet capabilities, the U.S. Navy keeps cybersecurity at the forefront of defense.

A team from Naval Surface Warfare Center Panama City Division (NSWC PCD) took part in the 2021 HACKtheMACHINE challenge March 23-26 to hone and sharpen their cyber skills to enable the Navy to defend the country against all enemies, both foreign and domestic.

The HACKtheMACHINE 2021 challenge, hosted by Naval Sea Systems Command, sought to engage teams from across the country in high-tech Navy challenges. The annual competition, primarily virtual this year, is designed to foster engagement between the Navy and public and private sectors interested in tackling the Navy's toughest digital challenges.

Joshua Davis, NSWC PCD scientist, said the challenge is one way NSWC PCD's CyberLab is looking for opportunities to train personnel in the tools, techniques, and procedures commonly used for penetration testing and vulnerability analysis.

"HACKtheMACHINE is a truly unique exercise because the challenge environment is a mock-up of a fully functional ship bridge with all the common control systems and sensors (radars, global positioning system, etc.)," said Davis. "The challenge really gives our team the ability to analyze technologies we don't normally get access to on a day-to-day basis."

The team from NSWC PCD, comprised of scientists and engineers from across the Division's technical departments, chose to tackle the Maritime Cyber track which allows participants to experience the thrill of attempting to hack commercial maritime electronics. This enabled the team to improve national security systems by testing the U.S. Navy's current solutions for withstanding an onslaught of cyberattacks.

Kate Maglio, NSWC PCD CyberLab lead, said the team chose this particular track to further emphasize NSWC PCD's critical mission set.

"The skillset needed to achieve these tasks are the same ones that are needed to critically analyze systems that are being developed here at the command," said Maglio. "By honing our abilities we can better support projects at the Navy Lab so they are more resilient and secure against cyber-attacks."

Dr. Peter Adair, NSWC PCD technical director, said participation in these challenges are crucial at research, development, test and evaluation laboratories such as NSWC PCD.

"In order for our command to rapidly deliver solutions to the fleet, we must constantly challenge ourselves to do better and push our limits," said Adair. "HACKtheMACHINE challenges provide an opportunity for our teammates to receive realworld simulated training that give us a competitive advantage to make every fight unfair."

Davis said the virtual HACKtheMACHINE challenge provided an environment to further enrich growth within participant's skillsets. David Osafo, NSWC PCD engineer examines a virtual machine for possible vulnerabilities.

Mary Mouro, NSWC PCD engineer, discusses possible methods of compromising one of the test systems.

"Our team learned valuable lessons and skills used for the challenges so we can continue to learn and develop our own material and analyze these networks in the future," said Davis. "Overall it was a great (albeit challenging) event and our people got a lot of good experience."

Once the COVID-19 pandemic allows for larger gatherings, the team hopes to engage NSWC PCD's academic partners to participate in similar events open to the public.



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PANAMA CITY, Fla. – Over seven decades ago, the world experienced one of the darkest periods in human history – confining individuals to concentration camps and terrorizing millions of families. To somberly commemorate these events, on behalf of Naval Sea Systems Command (NAVSEA) Warfare Centers, Naval Surface Warfare Center Panama City Division (NSWC PCD) hosted the virtual 2021 NAVSEA Holocaust Remembrance Ceremony April 8.

To honor the lives lost, the survivors, and the liberators, NSWC PCD streamed a virtual ceremony illustrating the events. During the ceremony, six individuals lit candles during the reading of a literary selection. The presentation concluded with an NSWC PCD employee, Bobby Hopp, reciting the Mourners Kaddish.

Capt. David Back, NSWC PCD commanding officer and Equal Employment Opportunity (EEO) officer, recited the words of Holocaust Survivor Estelle Laughlin.

"It's not enough to curse the darkness of the past. We have to illuminate the future," quoted Back. "On Days of Remembrance the most important thing to remember is the humanity that is in all of us to leave the world better for our children and for posterity."

The Holocaust was the state-sponsored, systematic persecution and annihilation of European Jewish persons by Nazi Germany and its collaborators between 1933 and 1945. Jews were the primary victims—six million were murdered. Millions more also suffered grievous oppression and death under Nazi Germany.

In Hebrew, Holocaust Remembrance Day is known as Yom Ha'shoah. This year the day begins at sundown on April 7 and ends at nightfall on April 8. Through our Holocaust Remembrance or Yom Ha'shoah event, NSWC PCD along with the NAVSEA Enterprise, sought both to commemorate this tragic history and to reflect on the lessons it holds for our lives today.

Mary Kim, Acting Deputy Director, EEO, Diversity and Inclusion, said the event honored the lives lost, the survivors, and the liberators, while educating viewers about the Holocaust. "EEO and Diversity and Inclusion principles embrace and welcome differences wholly. The Holocaust demonstrated the antithesis of these principles," said Kim. "Today, it is still necessary that we make conscious efforts to educate, become aware, and prevent events like the Holocaust from happening."

Dr. Peter Adair, NSWC PCD division technical director, said remembering the history of the Holocaust offers an opportunity to reflect on the moral responsibilities of individuals, societies, and governments.

"After all these years, one would imagine these events would no longer be a threat," said Adair. "We bring this up and express the importance because it is not just part of history – similar events are still happening around the world today. We each have a responsibility to remember what has happened, why it happened, and never forget to ensure it does not happen again."

NSWC LEAN IN CIRCLES HOST VIRTUAL INFORMATION SESSIONS

By Katherine Mapp, NSWC PCD Public Affairs

PANAMA CITY, Fla. – COVID-19 restrictions have prevented physical events and gatherings – including recruiting efforts. Lean In Circles leaders at Naval Surface Warfare Center Panama City Division (NSWC PCD) recently held virtual information sessions to engage prospective members and foster inclusivity.

Lean In Circles are small peer groups who meet once a month, for approximately a year, to encourage and support the circle participants in an atmosphere of confidentiality and trust. The Lean In Circle concept is based on the book, Lean In: Women, Work, and the Will to Lead written by Sheryl Sandberg, Chief Operating Officer at Facebook. Though specifically written for women, the text offers an array of concepts and relatable examples that speaks to all genders, backgrounds, and experience levels. Lean In Circles focus on encouraging and empowering its participants to pursue their ambitions with the power to lead.

Allison Price, Lean In Circles lead at NSWC PCD, said as soon as she and the other coordinators realized the pandemic would last longer than a few months, they sprang into action to keep their circles engaged.

"Most started with teleconferences, and now a few of our circles have transitioned into using Microsoft Teams so it feels more like their previous in-person meetings," said Price. "A benefit of Lean In Circles being virtual is that you can be anywhere and call in to a meeting. Our circles thrive because of our amazing moderators and engaged participants. They keep our circles going while in this telework environment."

Price said Lean In Circles are important for professional and personal growth.

"We make our Lean In Circles as diverse as possible so everyone gets exposed to different perspectives and life experiences," said Price. "We want our circle participants to feel empowered to use their voices to advocate for themselves and their ideas."

NSWC PCD currently has four active Lean In Circles, each with eight to twelve participants along with the two moderators. Lean In Circles feed into a larger effort of encouraging our workforce to bring their whole-self to work as demonstrated in Naval Sea Systems Command (NAVSEA) Warfare Centers Executive Director Dr. Brett Seidle's Intentional Leadership discussion. Additionally, the NSWC PCD Lean In Circles feed into the NAVSEA Campaign Plan 3.0's priority of building a team to compete and win.

"Lean In Circles help our workforce grow personally and professionally by seeing things from another person's perspective. The Lean In Circles improve and encourage communication," said Price. "Better communication builds stronger, more efficient teams, which ultimately improves our ability to protect the warfighter."

Kelly Betliskey, NSWC PCD for the Mine Warfare Sustainment division financial analyst, and new Lean In Circles moderator, said she enjoyed attending her first virtual Lean In Circle discussion, as it provided information to eager attendees about how they can get involved and make a difference.

"I am looking forward to finding ways to assist me in growing personally, career wise, and gain confidence in my work. I love my job and want to advance and be better for my Division, for the warfighter, and for myself personally," said Betliskey. "I feel Lean In Circles will allow me to step outside of my comfort zone and further enhance my skillset."

Ivan Pereira, Littoral and Mine Warfare Department chief engineer at NSWC PCD and Lean In Circles moderator, said the benefit of these circles allows a cross section of the workforce to meet and discuss issues that are important to them professionally and personally.

"The circles contain people from different departments, both technical and business operations, and different levels, experiences, and backgrounds. The circles allow folks to grow individually and to make the command a better place to work as well," said Pereira. "Given the fact that there is an understanding that what is said in the circle stays in the circle, it allows people to open up and have more meaningful discussions. The circles allow for different topics to be discussed that are of interest to the circle members, both professionally, and maybe more importantly, personally."

Price added Lean In Circles are for everyone.

"While Sheryl Sandberg's book is geared towards women, her advice for building a career, finding balance, and opening the lines of communication is beneficial to everyone," said Price. "With Lean In Circles, you don't just listen, share, and learn. You also grow."

The NSWC PCD Circles received such a resounding response from their virtual information sessions, local Lean In Circles leaders are in the process of adding an additional four circles.





Brandi Chestang received her Bachelor of Science in Mechanical Engineering from Tuskegee University and a Master of Science in Systems Engineering from Naval Postgraduate School. Since completing her undergraduate education, Brandi has provided technical expertise in support of multiple systems at various phases in the acquisition life cycle for the Naval Surface Warfare Center Panama City Division (NSWC PCD) for 20+ years.

Brandi is currently a Tactician for an unmanned surface vehicle for the Tactics Branch. As a Tactician, Brandi is responsible for testing new functionality of software

Brandi Chestang

Courtesy Photo

builds, participating in preliminary and milestone test events, and reviewing data after test events to verify software accuracy. This is a critical component of conducting the U.S. Navy Littoral Warfare operations such as the development of mine warfare and mine detection systems. In this role, Brandi is supporting the AN/ AQS 20-C Team work toward delivering an unmanned surface system to the warfighter that can detect, classify and identify objects in the water.

Prior to her current role, Brandi served as the Systems Engineer for an autonomous unmanned underwater system. Brandi was responsible for risk management and upgrading the Family of Systems software and hardware to increase system capabilities. Brandi has also supported the Damage Control and Personnel Protection Systems project as the Lead Engineer for Damage Control Personal Protection Equipment, Clothing and Lifesaving Equipment. While serving in her position, Brandi ensured the sailors had the appropriate safety gear to complete various shipboard duties as well as integrate new equipment to meet the warfighters' needs. This safety gear includes firefighting equipment, cold weather clothing, life preservers and fall protection. While working as a mechanical engineer on the Damage Control Fleet Support project, Brandi provided Self-Contained Breathing Apparatus and auxiliary equipment Operational and Maintenance training for sailors' onboard ships and submarines.

Brandi was selected to serve as an NSWC PCD Change Agent for Leadership in a Diverse Environment in 2017. As a Change Agent, Brandi has worked to help facilitate changes that help to improve diversity and inclusion efforts for the NSWC PCD workforce. Brandi also received the NSWC PCD Torchbearer Award from the NSWC PCD Diversity Council in 2012 for creating a welcoming environment in our diverse workplace.



Komal Patel is the accounting lead and currently serving as acting Employee Services Division head in NSWC Panama City Division's Comptroller Department. She earned a Bachelor of Science in accounting and business administration from Florida State University. She received her Certified Public Accountant license from the Florida State Board of Accountancy.

Komal Patel

Patel began her civil service career through the Department of the Navy **Financial Management Career Program** as a financial management trainee and was assigned to NSWC Panama City Division. In 2019, Patel was selected as an accounting lead, a position that serves as a liaison to NSWC Panama City Division's technical departments, researching, analyzing and providing technical expertise, guidance and recommendations for financial inquiries and resolving them in a timely manner to ensure accountability and exceptional stewardship of taxpayers' dollars. Serving as the acting Employee Services Division head, Patel ensures NSWC Panama City Division employees are taken care of, from payroll needs to government travel. In this role, she is working to streamline operations for business process improvements

that will enable the command to continue to expand the advantage with limited resources. She was recognized with a 2020 Commanding Officer/Technical Director Award (pictured) in the category of Outstanding Organizational Support during the command's virtual annual awards ceremony.

Patel said she feels a sense of pride and accomplishment in her role supporting the Navy and the warfighter. "I'm very passionate about the work we do in the NSWC Panama City Comptroller Department and the mission we support," she said. "I believe everything else comes naturally when you enjoy your work."

NSWC PCD TEST DIRECTORS NAMED **TESTERS**

By Katherine Mapp, NSWC PCD Public Affairs





U.S. Navy photo by Ron Newsome

PANAMA CITY, Fla. – Randy Hetzel and Darryl Ogden, test directors at NSWC PCD, were recently named as Naval Sea Systems Command (NAVSEA) Testers in the Spotlight. Both Hetzel and Ogden were humbled and proud to learn of their nomination and selection for the award.

> "Being recognized as a NAVSEA Tester in the Spotlight is a testimony to the fact that we are all, no matter our role, capable of receiving a notable award," said Hetzel. "I am very appreciative of the award. The internal command recognition and nomination is the most gratifying part." Ogden echoed this sentiment.

"Knowing there are many folks constantly doing exceptional work testing various systems, I am honored to have been selected from such a prestigious group," said Ogden.

Hetzel currently serves as the primary test director (TD) for the Threat Detection Land Neutralization System and associated vehicles. He is also the assistant TD for Joint Assault Breaching Systems, Komodo Directed Energy System, Airborne Mine Neutralization System, and Adaptive Persistent Awareness Systems. Hetzel has served as a project manager and lead on numerous projects throughout his career and over the past two decades at NSWC PCD.

Ogden currently serves as the test and evaluation (T&E) lead for the Coastal Battlefield Reconnaissance and Analysis (COBRA) system where he provides TD and System Test Engineer services to the program at NSWC PCD. He leads a team of scientists and engineers from a diverse background of experiences and skills to execute complex COBRA system tests. Dr. Peter Adair, division technical director at NSWC PCD, said Hetzel and Ogden's role in T&E is critical to the success of our Sailors and Marines.

"NSWC PCD continues to ensure warfighting dominance in the littoral battlespace by providing research, development, and T&E support to rapidly deliver solutions to meet emerging fleet needs by expanding the advantage between the U.S. and our adversaries," said Adair. "One of the keys to delivering these solutions to the end users on the front lines is ensuring they have been properly tested and evaluated. Randy and Darryl's recognition with this award is a true testament to their valuable support to deliver safe and effective products for the fleet."

One of Hetzel's most memorable moments working in T&E at NSWC PCD was a team effort among a diverse pool of employees all with one goal – saving lives.

"The Panama City Mine Roller was one of my favorite projects I have tested because it demonstrates how our entire command worked together to develop a successful product to Sailors and Marines," said Hetzel. "A success that resulted in saving a great many lives."

Ogden said the best part of the job is supporting the warfighter.

"I enjoy being able to test future systems for the Navy knowing eventually we will deliver a system to the warfighter that will enhance their capabilities and keep them out of harm's way."

NAVSEA Headquarters and NAVSEA Warfare Centers T&E leaders, Karen Burrows and Paul Mann, acknowledged their achievements by presenting both testers with a certificate.

DIVISION SPOTLIGHT CODE 103

Bob Lindee

Visual Information Branch Head

Division 103 Corporate Communication Division

> Code 1032 Visual Information Branch

What does your job do?

I oversee a fantastic team of visual artists, motion and still photographers, video editors and print specialists.

What does Code 1032 do?

Think of us as NSWC PCD's in-house advertising agency. We create everything from posters and magazines to full-length feature video productions. Our photographers are available to support all of the science and technology projects, and quite often are out documenting tests at sea, or on-location at other warfare centers. We have drone capabilities for aerials, and a Navy certified diver to shoot underwater. Our graphic designers produce the Coastal Compass magazine, and most of the posters you see around the campus (including *The Stall Seat Journal*)! And our on-site print shop has nearly unlimited capabilities from papers and pamphlets to signage and banners and everything in between.

What does Division 103 do?

Corporate Communication, simply put, is the official channel for getting messages from NSWCPCD to the public, as well as disseminating Command information to the workforce.

What does Code 103 and 1032 do in support of NSWC PCD and the Navy? What is the impact?

To summarize, we provide internal and external communication for NSWC PCD (command-wide, NAVSEA-wide, and in the local community), provide all multimedia services (graphic arts, photography, videography, printing) for NSWC PCD and all Naval Support Activity Panama City tenants, and provide all technical library services.

Why did you decide to work at NSWC PCD?

Prior to coming here I spent my entire government career with Army Special Operations and Special Operations Command. Wanting to relocate to Florida, I honestly thought I would end up at MacDill Air Force Base in Tampa working at SOCOM headquarters. When this position opened up and I saw the unique work that happens here, I was instantly hooked. Now that I live here, I don't think I'd ever want to be anywhere else. NSWCPCD is absolutely the employer of choice for me, and this community has been so welcoming - both behind these gates on the base, and of course on the beautiful beaches that make this place famous!

How long have you worked at NSWC PCD?

I've been here 6 months, and loving every minute of it!

Check out our wiki! https://wiki.navsea.navy.mil/display/PCD103



left to right: John Sojdehei, **Bill Vandiver**, Jomo Martin, Tom Frederick. Tim Pham, and **Ken Ford**

Not pictured: Sascha Dastgerdi

JOINT CAPABILITY TECHNOLOGY **DEMONSTRATION AWAR** By Susan H. Lawson. **NSWC PCD Public Affairs**

PANAMA CITY, Fla. - The Naval Surface Warfare Center, Panama City Division's (NSWC PCD's) Quickstrike Extended Range (QS-ER) team was recently awarded the 2020 Joint Capability Technology Demonstration (JCTD) of the Year by the Office of the Secretary of Defense (OSD).

The QS-ER team successfully demonstrated improved warfighting capability throughout the development of a standoff, precision aerial mine system for aircraft deployment.

"We are honored to receive this OSD award, which recognizes the tremendous effort from our Navy, Air Force and industry team," said Scott Burleson, mine warfare technical program manager at NSWC PCD. "Their efforts have resulted in the development and demonstration of a much-needed fleet capability."

The Quickstrike mine system is a significant component within the Navy's maritime

mining portfolio. It not only provides operational flexibility but also reduces the risk to warfighters and aircraft who deliver these weapons by extending the range that the weapons can be launched. The award is considered a great honor and validates the importance of the team's work and support for joint force warfighters.

"The technology developed with the Quickstrike team will keep our pilots and aircraft safer and help maintain maritime superiority in the littorals," said Capt. David Back, NSWC PCD commanding officer.

The team met and exceeded JCTD objectives by demonstrating the precise placement of multiple mines over extended ranges, and successfully demonstrating the entire kill chain of the QS-ER from weapon buildup, load-out, delivery and subsequent actuation upon detection of a nearby surface vessel.

"We are very proud of the NSWC PCD QS-ER team for their accomplishments and this award is a testament to the hard work and dedication of the team," said Dr. Peter Adair, technical director at NSWC PCD.

The purpose of the QS-ER JCTD was to design, build and demonstrate standoff and precision placement of an aerial mine by leveraging existing Joint Direct Attack Munitions and Tail Kits, Quickstrike mine components, and a newly developed wing kit. Due to the success of the demonstration, the QS-ER JCTD Independent Assessment Team strongly recommended the Department of Defense transition the QS-ER into a Program of Record to deliver the joint forces a standoff, precision mining capability.

The QS-ER project is a collaboration among NSWC PCD, U.S. Indo-Pacific Command, U.S. Air Force Program Executive Office (PEO) Weapons and U.S. Navy PEO Unmanned and Small Combatants.

MILITARY AWARDS



AZ1 (AW) Xavier A McCrary

promoted to Petty Officer first Class through the Meritorious Advancement at NSWC PCD



Senior Chief Jeremy S. Merry

presented with a letter of appreciation from the Inspector General during a ceremony NSWC PCD

Navy and Marine Corps Acievement Medal



pictured left ND2 (DSW) Nicholas E. Martin

for Professional Achievement during his tour at Norfolk Fleet Maintenance Support, Norfolk, VA not pictured

LT Timothy L. Grondin

for Meritorious Achievement for his work with the Unmanned Aircraft Systems (UAS) Program at NSWC PCD

プ Sailors 🐨 Quarter プ

Sailor of the Quarter fourth Quarter, 2020



ND1 (DSW/EXW/SW) Blake M Flohre First Class Navy Diver

Junior Sailor of the Quarter first quarter, 2021



HM2 (DV) Luis J. Martinez Vazquez Diving Medical Technician

Award Winners

UPCOMING AWARDS



Copernicus Awards

Stephen Howell

Tester in the Spotlight *Randy Hetzel*

Runny HCLC

Darryl Odgen

Office of Secretary of Defense Joint Capability Technology Demonstration Program of the Year

Quick Strike Extended Range Team

Navy Civilian Service Achievement Medal

Anthony Bleichner Jacob Cornman Kirk Vanzandt Zhen Zhang Jeffery Eichler Joshua Kogot Travis Hand Jonathan Chapman Chris Musto Andrew Schicho Jesse Waymire

Due Award

- 4/8 1. USD Software Innovation Team/ Defense Acquisition Workforce Development Individual Achievement
 - 2. USD Flexibility in Contracting
 - 3. USD Acquisition Workforce Development Innovation
- 4/9 1. Naval Acquisition Development Program Art Diaz Memorial
 - 2. Procurement Round Table Elmer B. Staats Contracting Professional Excellence
- 4/16 1. Navy League Admiral Vern Clark and General James L. Jones Safety Awards
 - 2. Women of Color (WOC) Technology Professional and Academia Awards
- 4/30 1. Philip Heiler Award for Human Resources Excellence
 - 2. National Defense Industrial Association (NDIA) Bronze Medal
 - 3. DoD Disability Achievement and Recognition
 - 4. Women of Color (WOC) Technology All-Stars and Technology Rising Stars
- 5/14 Hispanic Engineer National Achievement Awards Conference (HENAAC)
- 5/17 Marine Technology Society Award

May/Aug Department of Defense Science, Technology, Engineering, and Nov/Feb/ Mathematics Education and Outreach Advocate of the Quarter

Continuous DoN Agility Awards (Formerly SECNAV Innovation Awards)

Dates provided are due dates for completed package(s) to be received. Contact Cierra Burch at W_PNMA_NSWCPCD_PAO@navy.mil for nomination requirements, forms and questions.

Upcoming awards are regularly updated on: <u>https://wiki.navsea.navy.mil/display/PCD103/Awards</u>

*Non-government agency award submissions now require approved public release documentation.



Financial R Improvement & Audit **R**emediation In January, the NAVSEA Inspector General (IG) conducted the triennial inspection of NSWC PCD. Since the last This achievement is attributed to process improvements and identifying weaknesses inspection in prior to the inspection. **Comptroller Department** reduced IG Cards by over FIAR played a substantial role in the preparation and execution of theinspection as well as internal testing of high risk areas from the prior inspection. It will continue to recommend and assist in implementation of process improvements and efficiencies through ongoing audits and testing. In response to the NAVSEA IG Cards issued, below are some ways you can assist the Command in pursuit of auditable financial statements: Ensure that travel vouchers are submitted within 5 business days and that your receipts match your voucher Training must be completed before a Navy ERP Role and Delegation of Authority (DOA) can be issued If training has expired and is not renewed, an employee runs the risk of losing their role and termination of DOA Make sure that on holidays, the code on the timecard is appropriate for the work situation Ex: Codes LA, LS should not be used on a holiday – LH Employees requesting leave of 8 hours or more are required to complete a leave request in ERP prior to taking leave, or as soon as reasonably possible after the leave is taken NSWC PCD NOTICE 7400.1 signed 16FEB21 https://navsea.navy.deps.mil/wc/surpnma/nswc pcd directives/Notices/ NSWCPCDNOTE%207400.1%20Requirement%20for%20Leave%20Request.pdf

NSWC PCD is Proud to Announce the Newly Launched:

CENTER FOR INNOVATION spark change

WE WANT YOUR IDEAS!

Submit at the website below. The program is focused on innovation, growth, and expanding the advantage against our adversaries!

For information and details visit:

https://wiki.navsea.navy.mil/display/NCFI/



Defense Acquisition Workforce Improvement Act

Monthly DAWIA Achievements: individuals who have completed their DAWIA Certification requirements in the last reporting period.

Mike Monroe, DAWIA Program Manager 850-230-7913

Congrats to our employees for completing their DAWIA requirements.

Patrick Amy Deborah Banks Ruth Berry Frank Bobe Charles Brooks Jr. Maria Chapman Matthew Cook Natalie Cook Sherri Corum Shannon Day Elizabeth Delay Sarah Dorman Steven Primary Dulas Kathiria Figueroa Hiraldo Zachary Garcia Alfredo Granado Matthew Hammond Travis Hand Christopher Hardee Andrew Head Debby Hill Todd K. Holland Virginia Howe Bruce Koep James Lewis

Bradley Marchand Rebecca Mcconnell Amanda Mcfarlin Thomas Mcnulty Gustavo Miranda Lopez Frances Negron Christopher Orf Paola Pagan Baez Maynor Pinell Allie Prather Diego Quinones Perez Anjelica Rivers Stephany Santana Garcia Josephine Schamle Stephanie Scharf Elizabeth Shoner Honor Six Nicole Stevens Gavin Taylor **Kinsey** Taylor Jeremy Truncer Jeffrey Tweedie Joshua Weaver Brandon Winkler Justice Wobser

EXTENSION CORD AND POWER STRIP USE

SAFETY

Prepared by: Patrick Beacom, NSWC PCD Safety Specialist

Improper use of flexible and temporary wiring such as extension cords, multi-outlet adapters, uninterruptible power supplies, and power strips can present both fire and electrical shock hazards. The following is a list of rules for proper use of extension cords and power strips.

UNACCEPTABLE

- Permanent extension cord use
- Two-to-Three Prong outlet adapters
- Multi-Outlet adapters*
- Non-UL Listed extension cords
- Damaged cords
- Daisy Chaining
- Large appliances plugged into accessories

Never "daisy chain" accessories (plug one into another). All power sources must be plugged directly into a properly installed outlet.

Never overload outlets or power strips! Tripping circuit breakers are a warning sign not to be ignored!

Never use a three to two prong plug adapter! If you only have two prong outlets, contact Facilities Branch (Code 1021) for assistance.

Never use any extension cord or power strip that have any signs of damage or overheating!

Extension cords are for temporary use only. • Acceptable: using one with a vacuum to

- clean a hallway carpet.
- Unacceptable: connecting a computer to an outlet under your desk with an extension cord.

Power strips, multi-outlet adapters, and uninterruptible power supplies (UPSs) are acceptable IF they have a resettable circuit breaker, and are plugged directly into a properly installed outlet.

Larger appliances must be plugged directly into a properly installed outlet, not into a power strip or extension cord.

All extension cords, power strips, multioutlet adapters, and UPSs must be listed by a nationally recognized testing lab (e.g. UL Listed) and so marked. "Homemade" extension cords fabricated out of a length of wire and an outlet box are not permitted!

When using electrical equipment, including extension cords, near any source of moisture or outdoors; the equipment must be plugged into a Ground Fault Circuit Interrupter (GFCI) equipped outlet or a GFCI adapter plugged directly into the outlet.

REQUIRED

- resettable circuit breakers, plugged directly into wall
- marked with nationally recognized testing lab
- Ground Fault Circuit Interrupter for moisture exposed environments

If you have questions about the amount of equipment that may be plugged into an outlet or power strip, contact the Facilities Branch (Code 1021).



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ORCHHOLES .

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