



COASTAL COMPASS

The force behind the fleet

March/April 2023
Vol. 11 Issue 2

GROUNDBREAKING FOR LITTORAL INNOVATION & PROTOTYPING FACILITY



NSWC Panama City Division

Ensuring Warfighting Dominance in the Littoral Battlespace



March/April 2023
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VIEW FROM THE BRIDGE

Capt. David Back, USN
Commanding Officer



In my previous View from the Bridge address, I encouraged you to rest and enjoy some well-deserved time off during the holidays at year's end; as you can see from the Annual Awards Ceremony feature in this Compass, 2022 was a busy year for us. I hope you were able to recharge because, as many of you can attest to, 2023 has already brought more activity, more visibility, more opportunity and a few major milestones.

In a few short months, we have hosted the Naval Sea Systems Command (NAVSEA) Warfare Centers leadership, the Navy Region Southeast commander, the Program Executive Office, Unmanned and Small Combatants and the NAVSEA command master chief. These leaders see what's being done here at the Navy Lab in Panama City, Fla., to equip our Navy to dominate the littorals and take that experience back with them throughout the enterprise. NSWC PCD's reputation as the nation's premier center of excellence in mine warfare and expeditionary maneuver warfare only continues to grow, along with other mission areas.

In addition, the Navy Lab reached a milestone as we welcomed Congressman Neal Dunn, representing Florida's 2nd Congressional District, and several members from the Bay County Chamber of Commerce, Military Affairs Committee and the Bay Defense Alliance

“ I’m excited to see all the things you will bring to the fight and thankful for your efforts to support the warfighter and the fleet. Let’s keep charging. **”**

to be part of the Littoral Innovation and Prototyping Facility Ground-breaking Ceremony. This momentous occasion opened a new chapter in our recovery efforts through the construction of our installation’s first new facility since the destruction from Hurricane Michael in 2018.

Without the hard work, dedication and long hours put in by our science and technology department, infrastructure team, the Naval Facilities Engineering Systems Command, and everyone who supported this effort, this project does not happen. Now this cornerstone facility will allow us to expand our long-term ability to meet national defense needs by providing facilities for collaborative science and technology and rapid prototyping in multiple technical domains. It will enable rapid delivery of relevant, innovative solutions for warfighting capability areas in the littoral battlespace.

All of this and it’s only April. Just imagine what this Navy Lab will accomplish by the end of 2023.

I’m excited to see all the things you will bring to the fight and thankful for your efforts to support the warfighter and the fleet. Let’s keep charging.

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CIVILIAN LENGTH OF SERVICE

MARCH/APRIL 2023

Name	Years	Name	Years
TINA BAXTER	35	ANNA ANDERSON	10
DAVID SILNUTZER	30	DANIEL LOPEZ GAVILAN	10
MICHAEL STEELE	30	BURT MOREAU	10
LE'DERICK SMEDLEY	25	EDWIN RODRIGUEZ	10
STEFANIE BARRON	20	DOMINIC ARAUJO	5
WYNNE BISCHOFF	20	DANIEL BARRETT	5
LOC PHAM	20	MICHAEL CONLEY	5
GEORGE TERRELL	20	ALEJANDRO KATO	5
LAWRENCE THOMPSON	20	JULIA LEWIS	5
RONALD BECKER	15	WENDY LONCARIC	5
IAN D'ANGELO	15	EVAN NELSON	5
DAVID HAWES	15	MIGUEL SALINAS	5
GIANCARLO MAFIOL	15	DUSTIN SIKES	5
JAMES PRATER, JR.	15	SHANE SINGH	5
CHRISTIAN WEBER	15	TIMOTHY VALENTINE	5
RANDALL WHITEHEAD	15		



NSWC PCD DAWIA

Defense Acquisition Workforce Improvement Act

Congratulations to our employees for completing their DAWIA requirements this period!

Brock Bailey
Zachary Billingham
Aaron Blevins
Justin Brezeale
Dedric Dennist
Colleen Goodwin
Lauren Howell
Katherine Lor
Gladean Medeiros
Daniel Noble

WELCOME ABOARD!



Name	Code	Name	Code	Name	Code
CARA MURRAY	022	GREGORY ROTH	A14	GABRIEL MARGULIES	E12
VICTORIA BOTTORF	1071	KEITH STETTTLER	A22	GREGORY STEWART	E34
KAYLEE DANIEL	1043	BLAKE DELAHOUSAYE	E43	EVERETT THOMPSON	E24
JONATHAN GIBSON	A34	BLAKE DRAUT	E41	JULIANNE TORRES	E24
JOSE LEBRON	A25	KYLE GREER	E23	KIRK VANZANDT	E13
DAVID NELLE	A42	WILLIAM LANE	E41		

DIVISION SPOTLIGHT



Cyril
Gazagnaire

*Facilities Engineer/
Team Member*

Code 102
Infrastructure Division

Code 1021
Facilities Branch

What is an interesting fact about you?

I have been a commercial and instructor pilot since 2000 (2,200+ hours). I still fly a Cessna 172 rented from the Panama City Airport. I have also been enjoying flying a powered paraglider along the beach since 2018.

How long have you worked at NSWC PCD?

Almost 15 years (12 years in the Test and Evaluation group, three years in the Facilities Branch).

Why did you decide to work at NSWC PCD?

I previously worked as a geotechnical engineer in the private sector. In 2008, I wanted to stay in the Panama City area but I knew the company I was working for would eventually close their local office, due to the housing crisis. Thanks to my wife (who started working at NSWC PCD in 2003), I was very aware of the great opportunities available here, working as an engineer. So, I decided to apply. I am very fortunate that I was able to join this great organization in 2008.

What do you do in your job? What is the impact?

My main duty is working on Hurricane Michael Facilities Recovery Projects and Facilities Sustainment, Restoration and Modernization projects as a facilities team member. I assist in the monitoring and proper execution of recovery and modernization activities.

I facilitate execution of project goals. I interface regularly with NSWC PCD main key players, such as security, safety, environment, information technology, Naval Support Activity Panama City Public Works, NSWC PCD building occupants (including the branch and division heads of the technical departments), team members of my code and other key stakeholders to develop and execute plans to meet project requirements.

I assist in development of briefs and technical presentations, and advise Code 102 management on project planning, progress, risk management, process improvement and issue resolution. I attend quality control, progress and technical meetings with contractors and Naval Facilities Engineering Systems Command (NAVFAC) and offer solutions to arising issues.

My impact is that I contribute to smoother and more efficient operations by the supporting efforts to sustain, upgrade or construct facilities needed by the end users so that they can achieve their mission and support the warfighter.

What does your Division do?

In addition to the Facilities Branch, the 102 division includes the following: Awarding construction projects directly with contractors (Section 233 Authority); developing, implementing, and administering all safety, health, environmental, and facility programs; providing technical guidance and counseling to ensure compliance with all regulatory guidance; valuating proposed designs, methods, and procedures for technical conformance with physical plant, equipment, and safety criteria; overseeing the Comprehensive Accident Prevention and Loss Control Program.

What does your Branch do?

The Functions of the Facilities Branch:

- a) Infrastructure Planning (includes developing strategic master planning documents, capital investment planning including military construction, minor construction, capital investment program, Navy Innovative Science and Engineering, laboratory Revitalization Authority, and modernization
- b) Operations and Maintenance
- c) Energy Management (utilities)
- d) Workspace Management
- e) Mission Equipment Management (such as crane inspections)
- f) Project Development and Engineering Design Management

The Branch regularly interacts with NAVFAC Facility Engineering Acquisition Division, NAVFAC Project Management & Engineering, NAVFAC Acquisition, and other execution agencies.

WOMAN'S HISTORY MONTH: *FIAMMA FERNANDEZ*

By Shauna Love-vonKnoblauch, NSWC PCD Public Affairs

Fiamma Fernandez is an electrical engineer for the Landing Craft, Air Cushion (LCAC) Hull, Mechanical, and Electrical (HM&E) team at NSWC Panama City Division. She holds a Bachelor of Science in electrical engineering from Florida International University, in Miami, Fla. Upon graduation, she began her NSWC Panama City Division career in 2019 with the Air Cushion Vehicle (ACV) Hull, Mechanical, and Electrical team. Her contributions to ACV design modifications, prototypes, testing, troubleshooting, and operational support help to improve the craft capability and performance for both legacy LCAC and the new LCAC 100 Class Craft.

In 2021, her professional experience expanded as she worked shared-time with the Amphibious Assault Systems Integration (AASI) team as a support test engineer. In that role, she provides the AASI team with a broad spectrum of support in the amphibious warfare mission area with L-Class ships that interface with ACVs, including LCAC(s) and Ship to Shore Connectors.

Supporting both HM&E and AASI offers Fernandez a unique opportunity to bridge the gap between the fleet and the ACV technical team. Her versatility also allows her the perspective to see the relevant impact NSWC PCD engineering solutions have on the warfighters' ability to accomplish the mission.

"When developing engineering solutions, it is important to keep the end user at the forefront," Fernandez said. "We want to ensure, as engineers, we are creating the best solution for the sailor who will be the one using these systems and may rely on them to save lives."

For Fernandez, Women's History Month is a time to honor women's accomplishments. Specifically, the strides women have made throughout history and are still striving to pave the way to create an inclusive environment that allows women to work to their full potential.

"I have benefited from women in STEM creating a community for other women to learn and grow. I, myself, have been lucky to work with remarkable women in leadership roles who have mentored me and provided me amazing opportunities," Fernandez said. "I will forever be grateful for the sense of self-empowerment, safety, and courage that my female mentors have given me and hope to carry on that legacy by mentoring female engineers to feel the same and continue to grow women in STEM," she continued.

"Women are smart, inventive, creative, strong, resourceful, and powerful," said Fernandez. "This month serves to remind us all that we earned our spot in history and belong where we are. I'm grateful to those that have come before me, and will continue to honor them this month and always."





DENIM DAY WALK

Naval Surface Warfare Center Panama City Division Federal Women's Special Emphasis Program hosted a Denim Day Walk, April 26. Personnel participated by wearing jeans or by joining the walk as visible means of standing against the misconceptions that surround sexual violence. (U.S. Navy photos by Ronnie Newsome and Sgt. Alex Morgan)



AWARD NEWS

Upcoming Awards

- 1 MAY WOMEN OF COLOR TECHNOLOGY ALL-STARS AND TECHNOLOGY RISING STARS
- 3 MAY USN-USMC ELECTROMAGNETIC SPECTRUM WORKFORCE EXCELLENCE AWARD
- 16 MAY MARINE TECHNOLOGY SOCIETY AWARDS
- 18 MAY NATIONAL BLACKS IN GOVERNMENT (BIG) MILITARY SERVICE AWARD
- 26 MAY NATIONAL MEDAL OF SCIENCE
NAVAL SUBMARINE LEAGUE DISTINGUISHED CIVILIAN AWARD
LATINA STYLE DISTINGUISHED MILITARY SERVICE AWARD
- 31 MAY INTERNATIONAL TEST AND EVALUATION
ASSOCIATION (ITEA) PROFESSIONAL AWARDS
- 1 JUNE NATIONAL DEFENSE INDUSTRIALIZATION ASSOCIATION (NDIA) BRONZE MEDAL
- 17 JUNE ACQUISITION, PROGRAM MANAGEMENT,
AND SMALL BUSINESS EXCELLENCE AWARDS

Dates provided are due dates for completed package(s) to be received.

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

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

Contact *Cierra Burch* at W_PNMA_NSWCPCD_PAO@navy.mil for nomination requirements, forms, and questions.



Throughout the years, the Navy Lab has continually recognized superior performance by bestowing annual awards, quarterly awards, special achievement awards, patents, and many other types of awards upon its employees. Past and current commanding officers and technical directors have been advocates for acknowledging and appreciating the accomplishments that go above and beyond to serve the warfighter.

This edition of Historian's Corner compiles and celebrates the excellent achievements of the command.

Send comments to
NSWC PCD Command Historian:
Shauna Love-vonKnoblauch at
shauna.r.love-vonknoblauch.civ@us.navy.mil

The Underseer, United States Navy Mine Defense Laboratory, August 5, 1955



In a presentation ceremony on 29 July the Commanding Officer, CAPT J. C. Meyers, presented awards totaling \$265 to the above employees: (left to right) Edqin D. Brogdon, Superior Accomplishment \$100, Dorothy R. Hilsman \$30, Lonie B. Avery \$15, James M. Haisten \$15, Willie A. Harris \$20, Mitchell Freeman \$15, Walter R. Sherman \$15, and CAPT J. C. Myers. Employees not shown who received awards are Robert P. Ryan \$15 and Edward Smith \$40. In presenting these awards CAPT Myers stated, "It gives me a great deal of pleasure to present these awards to you. I would like to see more good suggestions from each of you."

The Underseer, U.S. Navy Mine Defense Laboratory, November 1, 1968



Bruce Parker (second from left), Procurement Assistant; Azeal Justice (third from left), Procurement Assistant; Ruby Yard (third from right), Purchasing Agent; and Elouise Winslett (second from right), Purchasing Agent; were presented a group Superior Achievement award for their high quality performance during a period which covered four projects. Captain Borop presented certificates to the group at an awards ceremony. Millard Bulkorn (left), Procurement Officer, was present for the ceremony.

Coastal Courier, Coastal Systems Station, March 21, 2003

Panama City, Fla. – A host of individuals were honored during Coastal Systems Station's annual Commanding Officer's/Executive Director's Award Ceremony March 6 [2003] at the Long Glass Conference Room and 19 professionals received citations for outstanding achievements and job performance.

Nominated by their supervisors for outstanding dedication and performance in their respective fields, the award winners include engineers, scientists, military and support personnel. Commanding Officer CAPT Fred Shutt and Executive Director Dr. David Skinner presented awards. Training Director, Bette Bruhmuller of the Human Resources Division served as moderator over the ceremony.



Physicist John Olafsen – who has distinguished himself as a senior warfare analyst of the Analysis and Simulation Division – was awarded for the Warfare/Operations Analysis classification. He has a broad background of experience in mine warfare; amphibious warfare, special warfare, and his depth of knowledge leadership qualities have enabled him to successfully meet the challenges of complex warfare analysis studies. This year, Olafsen led the Mission Area Analysis for Amphibious Operations in the Mined Environment.



Selected for the Science and Engineering Support category, Ms. Mary Clark, Ms. Carol Dreger and Ms. Margie Dulatt were presented awards as dedicated and exceptionally committed professionals to Coastal Systems Station mission execution. They are noted as providing excellence in contracting – providing services second to none in the Navy.



Peter Halverson was presented the award for the In-Service Engineering/Logistics category his work as an Integrated Logistics Support Manager for the AN/SLQ-48 (V) Mine neutralization System. Halverson has accomplished numerous tasks in his role as the MNS ILS Manager for the benefit of CSS and the Navy.

The Underseer, Naval Coastal Systems Laboratory, February 27, 1976



INDUSTRIAL SAFETY AWARD - The Department of Navy Commendation for prevention of Accidents was presented recently to the Materials Branch. Code 415 and to its superior Charles L. Corley for 20 years without a lost time accident. LCDR F. L. Fishback (left), head of Support Services, presents the individual award to Corley and to employees of Code 415 (left to right) Fred Houston, Max Jordon, George Peterson, Lonnie Avery, and James Yarbraugh. Missing from the photo are Materials Branch personnel Charles Holden, Charles Riggs, Freddie Lockwood, Carl Barbour, Edison Richardson, John Perry and Bob Schultz.

The Underseer, Naval Coastal Systems Center, May 29, 1987



Ted C. Buckley, head of the Warfare Analysis Department, has received the Department of the Navy Superior Civilian Service Award, the second highest honorary award the Navy makes under its incentive awards program. Buckley earned the recognition for his invaluable service and support to the Chief of Naval Operations - particularly, the Director of Naval Warfare (OP-095) - in the areas of mine and undersea countermeasures, amphibious and special warfare, diving and other coastal mission areas.

The Underseer, Naval Coastal Systems Center, February 8, 1991



Naval Coastal Systems Center patent attorney John Becker is certainly a busy man lately.

According to Sol Sheinbein, chief patent attorney at Space and Naval Warfare Systems Command, NCSC has had the greatest number of patents ever issued to a Navy center in such a short time - 82 patents in nine months.

The Navy has been receiving patents for engineering and scientific applications since 1940.

The recent influx of patents is due to a "new look" at security classifications by the Navy. With many projects now being declassified, the application of invention is available for patent approval and award.

A recent display in the building 110 Quarterdeck showed 26 patents awarded to past NCSC employees. There were also nine U.S. patents abstracts for those inventions most recently applied for and awarded. These included:

- High data rate wave towed sonar - Willis Teel and James Christoff
- Multiplied frequency synthetic aperture sonar - Frank Higgins, Chester Loggins Jr., and Christoff.
- Resonant acoustimagnetic minesweeper - Paul "Fritz" Gould
- Variable focusing sonar - Jesse Bealor Jr. and Roufus Cook
- Pneumatic Launcher - David Bon
- Wide angular diversity synthetic aperture sonar - Higgins
- Double phase-back-loop sonar - Teel and Christoff
- Drum minesweeper - Curtis Bane
- Electroacoustic transducer - Cook

For more information on patent application, call John Becker, Ext. 5811

Coastal Courier, Coastal Systems Station, January 14, 2000



Larry Connelly Wanda Cutchin Kevin Soucy

Supply picks best for quarter, year

Supply Department has announced its selection for employee of the Quarter (fourth quarter 1999), and Employees of the Year for 1999.

Selections were made in each category from the Procurement Division and from the Logistics and Supply Support Division. Awards were presented by Lawson Hynson Jr., at a department luncheon, Nov. 4.

Wanda Cutchin is the Procurement Division

Employee of the Quarter. She was selected for her willingness to accept and successfully cope with a heavy workload, for her speed in learning new mandated information resource systems, and for helping other employees learn these systems. She also serves as chairperson of the department's Morale Booster Committee.

Kevin Soucy was selected as the Procurement Division's Employee of the Year for his efforts in learning, testing and instructing other employees in the use of the Procurement Desktop Standard Procurement System. His efforts have been instrumental in the successful implementation of this system at Coastal Systems Station.

Larry Connelly took a "double header," being selected as the Logistics and Supply Support Division's Employee of the Quarter and 1999 Employee of the Year. He was selected for his efforts in the new time card procedures, filling in for other key personnel during their absence, training of off-site personnel, and his day-in, day-out positive can-do attitude.

Coastal Courier, March 7, 2003



Deputy Business Operations Manager Robert King (center right) presents Mrs. Livera (center left) with the Program Managers Award to honor her performance in providing financial support to the Airborne Mine Countermeasures Program. Her timely support of the P-18 Exhibit was used to help defend the PMS210 Replenishment Spares and Repair Parts Budget of \$20 million. Also pictured are her husband, Logistics Specialist Phil Livera (far left) and Logistics Branch Head Thomas Arrington (far right). Mrs. Livera also received a cash bonus presented by Mr. King, on behalf of Code A department.

Coastal Courier, Coastal Systems Station, February 7, 2003



Coastal System Station Force Protection Manager Steve Gorin displays the Unity and Excellence Award he recently received for accomplishments in technical and managerial leadership in naval anti-terrorism and force protection efforts, working jointly with the Naval Surface Warfare Center Dahlgren Division.

Coastal Compass, Naval Surface Warfare Center Panama City Division, December 2015



NSWC Panama City Division wins 2014 Warfare Center awards in all three categories: Collaboration, Innovation and Transformation. Pictured from left to right are: NSWC PCD Commanding Officer Capt. Phillip Dawson III, Steve Hunt in Collaboration for the Multi-platform Mission Package, Jonathan King in Transformation for SWARM Software; Rudy Arrieta in Innovation for 3-D Passive Acoustic Imaging; Josh Slaughter in Transformation for SWARM Software; Dr. Greg Garcia in Collaboration for the Multi-platform Mission Package and standing to far right is NSWC PCD Technical Director Ed Stewart (SES). (Photo by Jeff Parker, NSWC PCD)



2022
ANNUAL
Awards
NSWC PANAMA CITY DIVISION

By Jeremy Roman, NSWC PCD Public Affairs

PANAMA CITY, Fla. – Naval Surface Warfare Center Panama City Division (NSWC PCD) gathered to highlight the outstanding work and people committed to delivering technologies, solutions, and support to the U.S. Navy during their Fiscal Year 2022 Annual Awards Ceremony held at Gulf Coast State College, March 24.

Also known as the Commanding Officer and Technical Director Awards, this event celebrates individual and team accomplishments ranging from 14 categories to include awards for new employee and career achievement, outstanding fleet support, as well as, a hall of fame inductee. The command also recognizes patents acquired and each patentee at this ceremony each year.

“I’m a big advocate for employee recognition because what you do matters,” Capt. David Back, NSWC PCD commanding officer, said to the crowd. “It matters to this Navy Lab, it matters to our people and it matters to the warfighter...continue to blaze a trail...and bring others along with you. When you do, know that you are delivering these capabilities to our warfighters...our nation’s sailors and marines.”

For these awards, the command received 76 nominations for teams and individuals across 14 award categories. The nomination period lasts six weeks and allows any of its civilian or military personnel to nominate one another for fiscal year contributions with chain of command approval. Winning the Outstanding Organizational Support Award was the Navy Lab’s Equal Employment Opportunity, Diversity & Inclusion Office (ED&I).

“It was an honor to hear that our team was selected for this award. As a fairly new government employee, I am overwhelmed with gratitude to be a part of this awesome team who shares the same passion in serving and supporting our NSWC PCD personnel,” said Lauren Sikes, NSWC PCD ED&I specialist.

This year, a total of 252 individuals were recognized and Dr. Peter Adair, NSWC PCD technical director, shared how the Navy Lab’s people, partnerships and collaborations contribute to the command’s enduring relevance.

“When we come to the table with our partners, sponsors, stakeholders, and community, it multiplies our ability to research, develop, test and evaluate products and solutions to provide for the warfighter. It strengthens relationships and fosters a culture of trust and good stewardship by demonstrating value to our customers and establishing an enduring reputation and relevance for our products, services, and support,” said Adair. “The collaboration, problem solving, innovation, and support...it all happens because of our workforce...you all are at the foundation for everything we achieve here at the Navy Lab.”

U.S. Navy photos by Eddie Green

Individual Awards



Cory Bruckschen

BUSINESS EXCELLENCE



Amanda Elkins

COLLABORATION EXCELLENCE



Anna Anderson

EXCEPTIONAL TECHNICAL SUPPORT



Dr. Richard Tatum

DR. DAVID P. SKINNER OUTSTANDING
SCIENTIFIC & ENGINEERING AWARD



Dr. Michelle Kincer

EXEMPLARY LEADERSHIP



Ronel Murillo Pagan

NEW EMPLOYEE
EXCEPTIONAL ACHIEVEMENT



Evan McCaw

OUTSTANDING INNOVATION



Christopher Doyle

CAREER ACHIEVEMENT



Clyde Brown

TECHNICAL EXCELLENCE



Kirk Dye

HALL OF FAME AWARD

Patents



AGENT CONFLICT RESOLUTION

Dr. Matthew Bays

Not pictured: Demetrious Kutzke

CAUSTIC EXPANDER AND LOCAL WAVEGUIDE TO IMPROVE ACOUSTIC COMMUNICATIONS

Michael Kobold



Team Awards

OUTSTANDING FLEET SUPPORT

SPECIAL OPERATIONS FORCES COMBAT DIVING RAPID ENGINEERING DIVISION TEAM



From left to right:

Chris Voorheis, Daniel Lopez-Gavilan, James McGinley, Jonathan Outlaw, Brandon Bascetta, Jason Scott, Michael Kirke, and David Davila

Not Pictured: Michael Hodges, Stan Swiess, Melissa Walbridge, and Doug Copsey

OUTSTANDING ORGANIZATIONAL SUPPORT

EQUAL EMPLOYMENT OPPORTUNITY, DIVERSITY & INCLUSION OFFICE



From left to right:

Mary Kim, Lauren Sikes, and Katelyn Arnold (virtually)

TECHNICAL EXCELLENCE

AN/SQQ-32 (V)₄ ISEA TEAM



From left to right:

Dennis Shelton, Issac Guettler, Tyler Tierney, Daniel Greenlee, Andrew Fonzi, Robert Stetson, John Best, and David Brown

Not pictured: Joshua Jordan, Lee Dittman, Richard Sama, Joseph Timbang, Billy Courson, Charles Martin, and Matt Mullin

OUTSTANDING PROGRAM SUCCESS

MINE COUNTERMEASURE MISSION PACKAGE TACTICS & ANALYSIS PROJECT TEAM



From left to right:

Timothy Currie, Evan Stafford, Shelby Scotese, Justin Deherder, Christine Ingram, Dr. Jean-Francois Kamath, Jennifer Conner, Regina Kettering, Sunny Barton, Daniel Noble, Dr. Emily Dempsey, and Jennifer Powell

Not pictured: Jennifer Jackson

OUTSTANDING TEAM ACHIEVEMENT

MINE COUNTERMEASURES MISSION PACKAGE TEST TEAM



Amy Abbott
Diana Abee
Alexis Acevedo Sanchez
Leo Acker
Corey Alderman
Ratha An
Stephanie Anderson
Evan Applegate
Dominic Araujo
Emily Astrom
Brandon Barner
David Barnett
Kevin Barron
Sunny Barton

Paula Beauchene
Jason Bennett
Zachary Billingham
Nicole Bishop
Mackenzie Blair
Jeffrey Blankenship
Daniel Bockstege
Mallory Bond
Joseph Boza
James Brackett
Katherine Brackett
John Brady
Casey Brennan
Sarah Bride

Reginald Bright
Tina Buddi
Christopher Buglino
Anthony Bush
John Bush
Miguel Camacho
Oana Castle
Ronald Ceballos
Dan Chandler
Myranda Chapman
Muhibus Chaudhury
Brandi Chestang
Ryan Close
Bradley Collie

Michael Conley
Michael Conn
Jennifer Conner
Chika Cosmas
Dr. Erin Cotton
Alexandra Crisostomo
Marcus Cruzvelez
Timothy Currie
Patrick Curry
Michael Dawson
James Deason
Derek Decker
Justin Deherder
Emily Dempsey



Howard Doane
 Patrick Donovan
 Scott Dorsch
 Kelly Dunn
 Lindsey Dupriest
 Rosa Eby
 Amanda Elkins
 Kelly Elrod
 Mike Elrod
 David Emery
 Eduardo Fenollal-Gines
 Roscelin Figueroa
 Tiffany Finch
 Jody Forcha
 Alex Fournier
 Lisa Frye
 Thomas Fuqua
 David Galindo
 Erick Garcia-Alvarez
 Katherine Garner
 Edward Gregg
 Rohin Gupta
 Jessica Haig
 Eric Haight
 Angela Hall
 Christopher Harrington
 James Hayes
 Douglas Heath
 Michelle Henderson
 Lauren Howell
 Adam Humble
 Penelope Hutt
 Jason Hyndman
 Tinsley Ihaksi
 Christine Ingram
 Jennifer Jackson

Lauren Jarlenski
 Steen Jensen
 Colin Jones
 Dr. Jean-Francois Kamath
 Ilish Kane
 Harry Kantor
 Terri Kesler Aldridge
 Regina Kettering
 Jarred Kinder
 Martin Knapp
 Daryl Kunkel
 Alexander Kushma
 Barbara Kuzan
 Jeremiah LaFountain
 Michael Langford
 Rachael Langford
 Diego Langoni
 Timothy Lawler
 Heather Lewis
 Natalia Linares
 Katherine Lor
 Katherine Maglio
 Randall Main
 Patrick Malvosio
 Howard Marshall
 Logan McCall
 Amanda McFarlin
 Joseph McMonigal
 Richard McNaron
 Alesia McNutt
 Ronald Miller
 Benjamin Mitchell
 Kyla Mitchell
 Tyler Moak
 Joshua Moehring
 Margaret Morejon

Jason Newton
 Tri Ngo
 Anh-Vo Nguyen
 Thu Nguyen
 Daniel Noble
 Kevin Oakes
 Kristine Olive
 Hannah Olson
 Nicole Pagan-Montanez
 Dwayne Palmer
 Lacy Parker
 Stephen Peffers
 Christopher Pennington
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 William Pinkerton
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 Richard Potemken
 Jennifer Powell
 Anthony Powers
 Jaime Raya
 Gordon Reece
 Tanner Reynolds
 Morgan Ridler
 Luke Ridley
 Adrian Rodriguez Morales
 Edwin Rodriguez
 Debora Roy
 Steven Rutledge
 John Sanderson
 Josephine Schamle
 Stephen Schelfhout
 Jason Schrieffer
 Shelby Scotese
 Robert Scullion
 Amanda Shaw
 Michael Shepherd

Wade Sigstedt
 Calen Sims
 Honor Six
 Delaney Slaton
 David Slusser
 Haydlee Slutzky
 Michael Small
 Darius Smedley
 Lederick Smedley
 Cody Smith
 Emily Smith
 John Smith
 Michael St. Pierre
 Evan Stafford
 Christopher Stanley
 Joshua Strickland
 Andrew Stubblefield
 Cody Subject
 Michael Sullivan
 Brett Thach
 George Thomas
 Bryon Timbs
 Thuy Tran
 Tien Tran
 Jeffrey Tweedle
 Shin-Miin Tzuoo
 William Vandiver
 Rayfield Velazquez
 Johnny Vue
 Nathaniel Waldstein
 Jared Wampler
 Stephen Weathers
 Randy Williams
 Demetricus Woodard
 Susanna Yau





NSWC PCD BREAKS GROUND ON NEW LITTORAL INNOVATION AND PROTOTYPING FACILITY

By Jeremy Roman, NSWC PCD Public Affairs

PANAMA CITY, Fla. – A major milestone was reached during the Littoral Innovation and Prototyping Facility Ground-breaking Ceremony onboard Naval Support Activity Panama City, April 21.

Not only does it mark the first building to be constructed on the installation since Hurricane Michael, but also reinforces the commitment and investment in Naval Surface Warfare Center Panama City Division's (NSWC PCD) ability to dominate the littorals for today's Navy, tomorrow's Navy, and the Navy after next.

"Out of tragedy comes triumph. Today, we mark the spot where our newest, most technologically advanced facility will begin to take shape," said Capt. David Back, NSWC PCD commanding officer. "The Littoral Innovation and Prototyping Facility will improve our ability to accelerate delivery of warfighting capability and sustainment to our core mission areas across multiple domains, from the seabed to space. This new facility will be the cornerstone of our mission and solidify NSWC PCD's reputation as the nation's premier center of ex-

cellence in mine warfare and expeditionary maneuver warfare."

This new building features a massive laboratory and includes a support space capable of housing workspace and laboratories for our engineers and scientists. Dr. Peter Adair, NSWC PCD technical director, explains some of the layout and how it will improve the Navy Lab's long-term ability to meet the national defense needs of technology and rapid prototyping in multiple technical domains.

"This building will provide a 54,475 square-foot laboratory, meet unified facilities criteria, and be equipped with high bays that include an overhead crane, loading dock, large tank room, and elevator. Laboratory spaces will be outfitted for technology development of capabilities which will contribute to the future success of NSWC PCD's vision to ensuring warfighting dominance in the littoral battlespace and coastal areas," said Adair. "The facility will enhance collaboration and provide new equipment capabilities used during research, development, test & evaluation for mine warfare,

special warfare, expeditionary warfare and subsea and seabed warfare operations, all key mission areas for NSWC PCD."

One of the distinguished members from the event's official party, Congressman Neal Dunn, representing Florida's 2nd Congressional District, has been an advocate for the country's national defense and the mission of NSWC PCD.

"Today's groundbreaking represents the determination, commitment and hard work that was put into rebuilding this entire base and all of our communities around it. What it tells me is that while a category five hurricane is strong, the people of the panhandle in Florida are stronger," said Dunn. "Today's groundbreaking also represents a step forward in military readiness. The Littoral Innovation and Prototyping Facility will improve NSWC PCD's ability to meet the new defense needs for the nation and the addition will also bring more families and jobs to our region."

Before the ceremony ended, Back recognized the effort and support that went into this project.



“This day has been made possible by the hard work, dedication and long hours put in by our infrastructure team, Dr. Joe Lopes and Lisa Arrieta of the Science and Technology Department, and the Naval Facilities Engineering Systems Command,” said Back. “Also, a welcome and thank you to the members from the Bay County Chamber of Commerce, the Military Affairs Committee, and the Bay Defense Alliance. These organizations all play a vital role in supporting the Navy Lab by fostering relationships crucial to future success.”

The construction project aims to be completed in 2026.

The design for Naval Surface Warfare Center Panama City Division’s Littoral Innovation and Prototyping Facility. The project is slated to be completed in 2026 and will include a 54,475 square-foot laboratory to improve the Navy Lab’s long-term ability to meet the national defense needs of technology and rapid prototyping in multiple technical domains. (U.S. Navy graphic)

The official party from NSWC PCD Littoral Innovation and Prototyping Facility Groundbreaking event ceremoniously kicks-off the first building construction project onboard Naval Support Activity Panama City, Fla., (NSA PC) since 2018’s Hurricane Michael, April 21. The official party consisted of (left to right) Congressman Neal Dunn, representing Florida’s 2nd Congressional District, NSWC PCD Commanding Officer Capt. David Back, NSWC PCD Technical Director Dr. Peter Adair, and Commander Michael Mosi, NSA PC commanding officer. (U.S. Navy photo by Eddie Green)





NEW PROGRAM STREAMLINES PURCHASING POWER TO SUPPORT WARFIGHTER

By Jeremy Roman, NSWC PCD Public Affairs

PANAMA CITY, Fla. – The NSWC PCD Purchasing Branch began a training effort to teach NSWC PCD's technical departments about a pilot program available to help them better serve the warfighter, March 28.

This new purchasing program, called the Grainger 4PL (Fourth Party Logistics) Program, and the Purchasing Branch collaborated with the Navy Lab's Science and Technology Department leadership to rollout the introductory meeting.

"The Grainger 4PL Program is a newly awarded U.S. General Services Agency (GSA) contract for use within the Department of Defense," said Dr. Chris Musto, NSWC PCD Science and Technology Department Naval Innovative Science and Engineering coordinator and Procurement/Operating Material and Supplies lead. "This program presents a new option for purchasing materials. It is a Mandatory Source, along with Military Standard Requisitioning and Issue Procedures and GSA Global and must be considered when requesting materials."

This event's aim was to inform personnel about the program, including what it is, how it works, how to place an order using the

Purchasing Branch's Customer Acquisition Group Tool and how it can benefit all who are involved in the procurement of materials at NSWC PCD.

DeAnna Pedersen, Purchasing Branch head, is one of the driving forces behind this effort and explained some of the benefits available through Grainger 4PL.

"With this program, there are no shipping charges or dollar thresholds," said Pedersen. "There are agreed upon and negotiated prices between the government and GSA, free returns on items that are incorrect or damaged, warranty on all products, visibility of estimated ship dates on the website and the ability for NSWC PCD to request materials be added to the program."

The Grainger 4PL Program has been a pilot program for two years at select Naval Sea System Command Warfare Centers. NSWC PCD was among the first to aid in developing the program and have been slowly rolling it out over the last year and a half. This program has been used by many general fund commands, but this is the first time it has been rolled out at a working capital command.

(center) DeAnna Pedersen, Naval Surface Warfare Center Panama City Division (NSWC PCD) Purchasing Branch head, briefs NSWC PCD Science and Technology Department (X Dept.) personnel about a new purchasing program onboard Naval Surface Activity Panama City, Fla., March 28. This pilot program, the Grainger Fourth Party Logistics Program, presents a new option for purchasing materials and the effort was a collaboration between the purchasing branch and X Dept. (U.S. Navy photo by Eddie Green)

"The voice of the customers for NSWC PCD has been resounding that we need tools that allow for quicker procurement and the Grainger 4PL program is a very strong step in the right direction," said Pedersen. "We are enthusiastic about the future and excited about continuing to roll out this program to all of our customers. This new program will further the ability of the Purchasing Branch to provide rapid solutions to the warfighter through expeditious procurement screening and processing utilizing the One Team approach."

NSWC PCD SHOWCASES WATERSIDE SYMPOSIUM

By Shauna Love-vonKnoblauch, NSWC PCD Public Affairs

PANAMA CITY, Fla. – Members of the Joint Interoperability & Irregular Warfare Division (E20) from NSWC PCD held a technical demonstration, April 5.

The Waterside Symposium took place at NSWC PCD detachment, a Joint Expeditionary Command and Control (JEXC2) test range, to showcase the new leading edge Navy Enterprise Tactical Command and Control (NETC2) design that the Navy Lab is developing.

The predecessors to the NETC2 design have a long history at NSWC PCD and John Bush, Joint Interoperability & Irregular Warfare Division technical project manager, provided insight into the evolution of these systems.

“I was part of the original 12-person team for the Expeditionary Warfare Testbed in 2002. It led to NSWC PCD getting Deployable Joint Command and Control (DJC2),” said Bush. “DJC2 started in 2003, shortly after the JEXC2 portfolio was established to support other customers who were looking for Deployable Command, Control, Communications and Computer (C4) systems to meet the expeditionary needs for Joint Task Forces and first responders.”

NETC2 is part of the JEXC2 portfolio. The Shore and Expeditionary Integration Program Office (PMW 790) is the sponsor and Navy Expeditionary Combat Command (NECC) was the main customer for the Waterside Symposium event. The symposium was designed to allow each of the NECC communications departments to see/experience the NETC2 design in action.

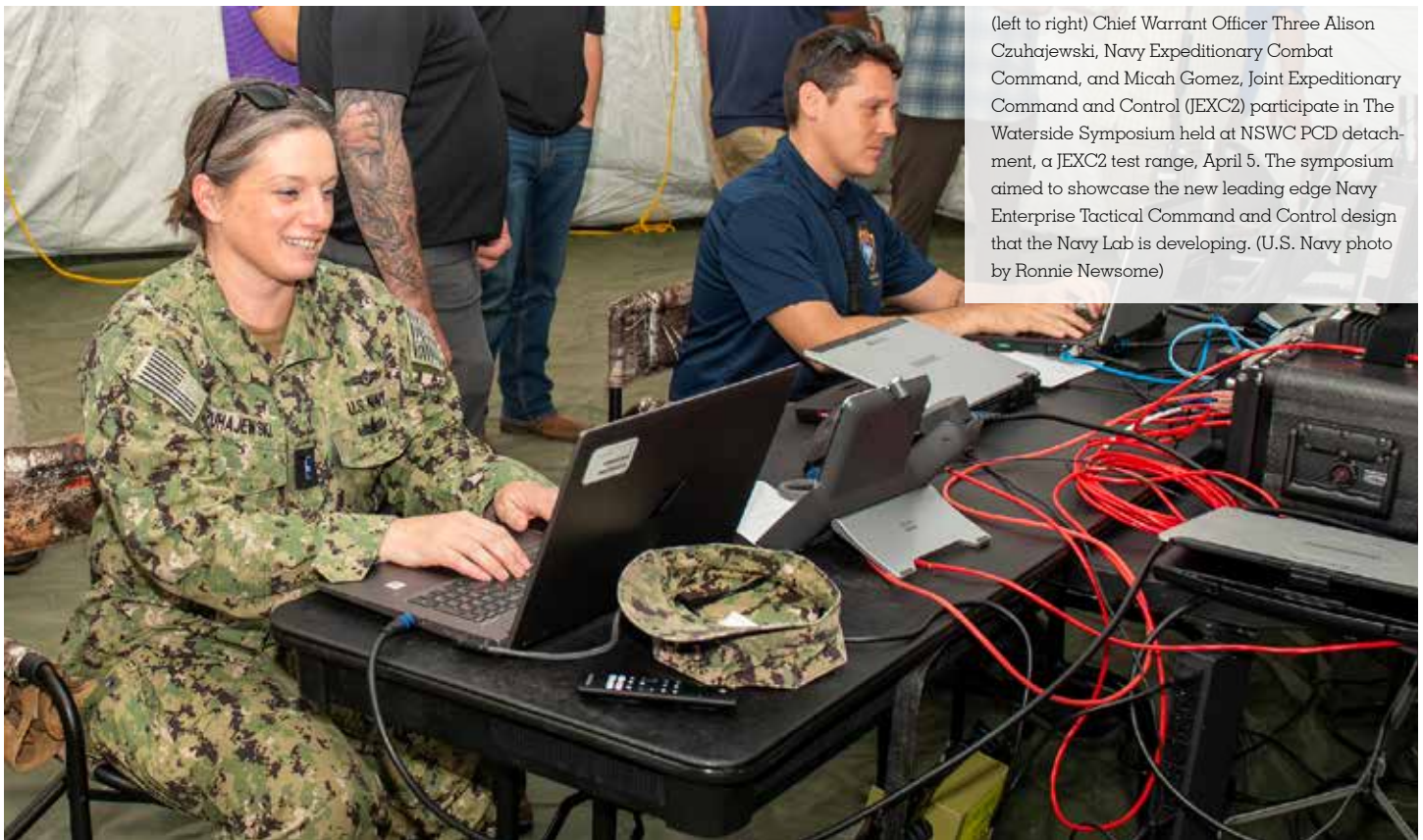
Brian Snellen, NSWC PCD NETC2 project manager, described the equipment used in the demonstration.

“NSWC PCD used a PacStar baseband kit that will replace the existing Rapid Response Kit and NETC2(V)1 Systems. This new kit was pulling services [email, voice, software] from the Navy Expeditionary Tactical Entry Point (NExTEP), which was designed and developed here at NSWC PCD in E20 to provide services directly to NECC units. The NExTEP is capable of hosting the multiple NECC users and can provide dedicated resources to those users during future missions,” Snellen said. “During the Waterside Symposium, the users were able to view emails being sent, utilize chat for rapid internal conversations, and software downloads to demonstrate the system func-

tionality. The event’s final demonstration showed attendees the technology that will integrate with the ExCON 2.0 solution, another NSWC PCD designed and developed capability for afloat Command and Control on the move.”

The NECC N6 captain had a vision to demonstrate new technologies to his subordinate commands. Snellen arranged and coordinated the event and invited members from NECC and PMW 790 to attend, including both Explosive Ordnance Disposal commodores and all their respective commanding officers as distinguished visitors.

“The end goal of this event was to gain input from the different N6 commands that will allow NSWC PCD to develop a better product for the warfighter,” said Snellen. “This is the future vision of how NECC will fight and NSWC PCD is the main integrator for the NETC2 Family of Systems. This will enable NSWC PCD to rapidly deliver this solution to the warfighter and ensure warfighting dominance.”



(left to right) Chief Warrant Officer Three Alison Czuhajewski, Navy Expeditionary Combat Command, and Micah Gomez, Joint Expeditionary Command and Control (JEXC2) participate in The Waterside Symposium held at NSWC PCD detachment, a JEXC2 test range, April 5. The symposium aimed to showcase the new leading edge Navy Enterprise Tactical Command and Control design that the Navy Lab is developing. (U.S. Navy photo by Ronnie Newsome)

NSWC PANAMA CITY DIVISION GETS WISE WITH TEST AND EVALUATION COLLABORATION

By Shauna Love-vonKnoblauch, NSWC PCD Public Affairs

PANAMA CITY, Fla. – Personnel from across Naval Sea Systems Command (NAVSEA) Surface and Underwater Warfare Centers (WC) joined forces at Naval Surface Warfare Center Panama City Division (NSWC PCD) as a collaborative effort to share capability, resourcing and knowledge distribution, March 9.

Warfare Industrial Service Enterprise (WISE) is a collaborative effort created to better enable the WC to share work and technical expertise. Technical collaborations are elevating the overall competence of the WCs.

WISE is the brainchild of Barry Mohle, NSWC Dahlgren Test & Evaluation (T&E) director.

“In 2011, as division manager for the Potomac River Test Range, the Rapid Prototyping and Machining Shop, and the Calibration Laboratory, I began to ponder collaboration opportunities that could work across the warfare centers,” Mohle said. “Our Rapid Prototyping and Machining Shop was doing about \$6.2M of work per year with about \$3M a year going out on contracts. At the next T&E director meeting, I briefed the concept of a rapid prototyping and machining collaboration based on [NSWC] Dahlgren having the ability to share work with other warfare centers as needed. The proposal was well received.”

Eric Spigel, the NSWC Newport T&E Director stepped in to co-lead the effort.

WISE began in 2011 and was going strong but lost a great deal of momentum during the COVID-19 pandemic. In response, Mohle and his team began to reinvigorate WISE with an event at NSWC Dahlgren in October 2022 and then another event recently held in Panama City. T&E directors, and technical and administrative leadership from Machine Shops, Environmental Testing, Calibration, Additive Manufacturing, Testing Services and Smart Divestments of Equipment are involved in the enterprise.

Nicole Waters, NSWC PCD T&E & Prototype Fabrication division head, T&E director, and T&E competency lead, facilitated the recent WISE event hosted by NSWC PCD.

“This program allows us to share resourcing and capability, in such a way that it does not have to be duplicated at every WC. The ability to shift demand and supply of services across the NAVSEA enterprise allows us to quickly roll out solutions to the warfighters,” Waters said. “As the WISE group expands domains, we begin to look across sharing testing services while maintaining technical rigor and understanding the uniqueness of the challenges of manufacturing and test & evaluation at each individual WC.”

Active WCs in this program include Dahlgren, Newport, Keyport, Crane, Carderock and Panama City. There are plans to pull the remaining WCs into the WISE at the beginning of Fiscal Year 2024, as they explore the possibility of implementing a WISE service cost center.

Josephine Schamle, NSWC PCD program manager for the Fabrication and Prototype Shop, shared how WISE helps her within the manufacturing and environmental testing mission field.

“The WISE event was relevant to my position as it has provided me the opportunity to collaborate, share ideas, and compare current capabilities with lessons learned among others in mine and similar fields,” said Schamle.

Get Real – Get Better

WISE is intended to provide services to each WC at the speed of e-commerce. Navy “Go FAST”

*See remarks from the 2022 Surface Navy Association Symposium here:

<https://www.navy.mil/Press-Office/News-Stories/Article/3241402/get-real-get-better/#:~:text=Get%20Real%2C%20Get%20Better%20is%20a%20proven%20mindset%20that%20every,bedrock%20of%20a%20winning%20navy.>

(Courtesy Photo)



RECENT VISITS TO THE NAVY LAB



BAY DEFENSE ALLIANCE

(left) Capt. David Back, Naval Surface Warfare Center Panama City Division commanding officer and (right) Dr. Peter Adair, NSWC PCD technical director, host members from the Bay Defense Alliance for a Navy Lab tour, April 13. The visit included an inside look of the command and its programs, how it partners with the community and several of the capabilities NSWC PCD provides to the Navy. (U.S. Navy photo by Eddie Green)



TYNDALL AIR FORCE BASE LEADERSHIP

Naval Surface Warfare Center Panama City Division Commanding Officer Capt. David Back (center) was glad to welcome Col. George Watkins, 325th Fighter Wing commander, Tyndall Air Force Base, Fla., and several members from the Tyndall AFB leadership team for a Navy Lab visit, April 19. Naval Support Activity Panama City Commanding Officer Commander Michael Mosi joined the visiting party for an NSWC PCD command brief highlighting our mission just before a trip to our Landing Craft Air Cushion Vehicles. (U.S. Navy photo by Eddie Green)



CENTRAL HIGH SCHOOL

(from center right) Dr. Peter Adair, Naval Surface Warfare Center Panama City Division technical director, and Dr. Damion Dunlap, NSWC PCD STEM Outreach manager, stand with students from Central High School during a tour, April 11. The group had the opportunity to visit several mission areas on-board Naval Support Activity Panama City, Fla., to include the Landing Craft Air Cushion Ship to Shore Connector, the NSWC PCD Additive Manufacturing 3-D Print Lab and the Naval Diving and Salvage Training Center, to see science, technology, engineering and math in action. (U.S. Navy photo by Sgt. Alex Morgan)



LEADERSHIP BAY

The Bay County Chamber of Commerce visits Naval Surface Warfare Center Panama City Division Landing Craft Air Cushion during the Leadership Bay Class visit, April 5. During their tour, they visited the Navy Lab to learn about their mission areas, support functions and the ways in which it serves the nation. (U.S. Navy photo by Anthony Powers)

COMPTROLLER

FIORI

What is FIORI?

A tool in Navy ERP for the request of leave, overtime, and compensatory time. Employees must use FIORI to enter their requests and receive supervisor approval.



Leave requests must be entered in FIORI for requests of eight hours or more. Supervisors may require requests for amounts less than eight hours at their discretion. Additional information may be added in the “Notes” box to indicate start and stop dates of the leave request along with the number of hours.

Sick leave requests require completion of the “Purpose” field

If not approved prior, sick leave requests should be entered in FIORI as soon as returning to work to document approval by the employee’s supervisor.

Overtime and Compensatory Time

Employees must request Overtime and Compensatory time in FIORI. These requests will replace NAVCOMPT Form 2282. The following Fields in FIORI must be completed for supervisor approval:

1. “Work Justification” is a required field. Enter number of hours requested. The field is limited to 20 characters.
2. “Notes” Box: Hours Requested, Reasoning & Mission Essential justifications are required. For unscheduled overtime, employee should request a mix of OU and OX if working weekends. Field is limited to 255 characters.

These type of requests are considered official NSWC PCD records and must be recorded in ERP via FIORI (an approved Record Management system).

For additional information, please reach out to Rachel Thompson or Jenica Lolley.

COME ONE, COME ALL!

PCD DAY

MAY 18 | 11 AM - 1 PM

-YOU DO NOT WANT TO MISS OUT! -

TECH DEMO & BUSINESS SHOWCASE!

BURGER BURN!

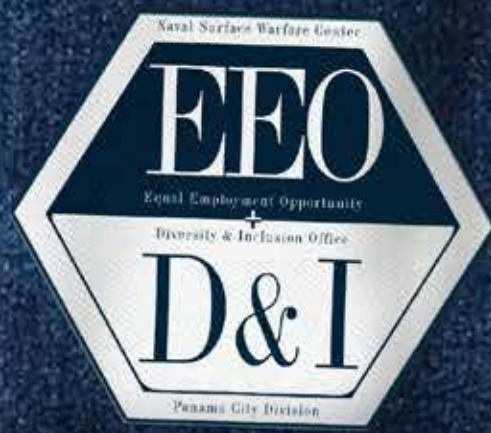
PCD SWAG!

GIANT TEAM PHOTO!

GAMES!

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