

Coastal COMASS

THE FORCE BEHIND THE FLEET

CONGRESSMAN
NEAL DUNN
VISITED
NSWC PCD



NSWC Panama City Division
Ensuring Warfighting Dominance in the Littoral Battlespace

Coastal COMPASS

THE FORCE BEHIND THE FLEET

September - October 2021 | Vol. 9 Issue 5



Capt. David Back, USN
Commanding Officer



Dr. Peter Adair, SES
Technical Director

About the Publication

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Congressman Neal Dunn
(FL-02) visited NSWC PCD
September 17.

U.S. Navy photo by
Anthony Powers

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View from the BRIDGE



Dr. Peter Adair, SES
Technical Director

“ At the end of this year, we reached our goal to be just over 1600 strong, where we will be expected to remain throughout 2022 and beyond. ”

– Dr. Peter Adair, SES
Technical Director

NSWC PCD Team,

I am very proud of how our organization succeeded in Fiscal Year (FY) 21 despite all the challenges we faced with continued hurricane recovery, as well as the uncertainty of COVID-19. I know that many of you are struggling with the vaccine mandate as the Navy and nation continues to develop the right path forward. My hope is that we all come through this together, to be a successful and safe Command. As we press in to FY22, I know that we will continue to be a resilient workforce and adapt to the new normal.

Looking back at our lab's history, our civilian workforce has steadily increased from FY 09 by about 400 people. At the end of FY21, we reached our goal to be just over 1600 strong. We are expected to remain at this end strength for the foreseeable future. We have been able to accomplish this growth over the years by enhancing our technical capacity within our own mission areas as well as expanding into non-traditional mission areas.

We talked about this very subject during our recent NSWC PCD leadership virtual strategic offsite. There is more work yet to be done as we chart our future and revisit what we want our/your organization to look like in ten years. We not only looked to our future but we also reviewed current initiatives to help you execute your projects more effectively, and efforts to help improve our most valuable resource (our people) as we strive to be a Model Organization through effective hiring, continuous learning, and EEO, Diversity, and Inclusion (ED&I) efforts. We will be communicating more with you about those efforts over the next several months.

I left our virtual offsite very excited about our plans and the future of NSWC PCD. After the virtual offsite, I met with all of the branch and division heads to provide them with more insight as to where I'd like to see the organization head in the future, with their help and yours.

I'll close by saying again, that I thank you for all of your continued hard work and resiliency. We have just wrapped up FY21 and we are now embarking on the next FY which will bring new challenges. I appreciate you all, our One Team, making it a successful year for NSWC PCD.

Dr. Peter Adair, SES
NSWC PCD Technical Director



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KELLY BETLISKEY
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ALEXANDER CICCARELLI
JOHN DICKERSON
CHRISTOPHER HARDEE
SEUNGJIN LEE
NORMAN FABRE MARTES
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JESSE WALTON
HANK WILLIAMS

BE PREPARED: LESSONS LEARNED

By Eric Carlson,
NSWC PCD Emergency Manager

ARE YOU TRULY READY FOR HURRICANE SEASON?

An above average Hurricane season has been predicted...again! Now is a good time to review your Hurricane Preparedness. We have already had tornadoes and some flooding across the Panhandle of Florida already in 2021 and COVID-19 can still be an issue. The new Hurricane season already has named storms in the Atlantic and the Pacific! What can we do to be prepared if a destructive weather event comes our way?

1 GATHER SUPPLIES

- **Gas, water, and basic food staples** are quickly depleted when people get edgy.
- Don't wait until a storm comes, stock up early.
- **Have one gallon of water per person and pet per day for five-seven days** if evacuating (take it with you), and 10-14 days if staying.
- **Have non-perishable foods** on hand for the same amount of time for each scenario.
- Have cash on hand for use when the power is out.
- Never let your car go below half a tank between 1 June and 30 November (Hurricane Season).
- Keep propane tanks full or have enough charcoal for a grill to cook the meat in your freezer, a little at a time, if the power is out for an extended period of time.
- Have tarps, rope, duct tape and disposable work gloves ready.

2 EVACUATE

Have an evacuation and communication plan. Previous years saw long lines of slowly moving traffic in Florida as evacuation orders were obeyed. Gas, basic food staples and ice became hard to find. I strongly suggest you set your own threshold for when you would want to leave and don't wait!

Where do you intend to go? Have more than one location in mind dependent on storm track. Hotels may be hard to find and rooms may not be clean to your standard even in the COVID-19 environment. Driving times triple or quadruple when the evacuation order is given, due to traffic congestion and accidents along routes. Be sure to let someone know when you leave, where you plan to go, and when you arrive. Don't forget to ensure your contact information in NFAAS is up to date and keep in touch with your supervisor!

3 SHELTERS

Shelters can get crowded in a hurry! As I watched interviews on television with folks in shelters and read interviews written in the news, one thing was abundantly clear – many people have unrealistic expectations of shelter life. You will live in close proximity to total strangers from a cross section of life who all have different customs, standards of hygiene, diets, etc.. You will wait in line to get into the shelter, for food, for a shower, to use the toilet, for a chance to charge a cell phone, (when the power is working), and you will wait for the "All Clear" to go home. Trust me, this will try your patience, your ability to tolerate others, and your attitude. Remember, you are all in the same boat, anxious, possibly scared, and emotionally drained, but at least, you are safe. In a COVID-19 environment, staying at a shelter can be a life or death decision for some. For others it could mean being sick or feeling unwell for an extended period of time.

4 STAY HOME

If you choose to stay at home, be sure you are prepared to be on your own for some time. Once sustained winds get above 45 miles per hour, bridges close. Police, rescue, and fire vehicles will not be dispatched! You may be stranded without help for hours at minimum, potentially days. You are truly on your own. Take the opportunity to prepare now. **Review your homeowners or renters insurance to ensure you have enough coverage.** Floodwater rushing into your home is not something most people prepare to experience in person. Ask Houston, Texas; just because it has never flooded here before doesn't mean it can't flood here now. Even though your mobile home is attached to a foundation does not mean wind and water won't return it to a mobile status. A hole in the roof is hard to fix with 50 mile-per-hour winds. Broken windows quickly become safety hazards, and insects, snakes and critters are all looking for the same safety and dry spot on your high ground. If you decide to try and leave at the last minute and the roads are flooded, turn around – don't drown!! Each year, many people who die from hurricanes or severe tropical storms are people found drowned in vehicles once waters recede, and still others are lost wading into moving water.

The real question is not "if" it will happen, rather "when" will it happen to any one of us?

BE SMART! BE PREPARED! HAVE A PLAN!

PREPARING FOR HURRICANE SEASON DURING COVID-19

By Carlos J. Castillo, Acting Deputy
Administrator of Resilience, FEMA

As you continue to take precautions to keep yourself and your family safe from the coronavirus (COVID-19) pandemic, it is important to stay prepared for other disasters. Hurricane season began on June 1, and the time to prepare is now.

FEMA continues to coordinate with state, local, tribal, and territorial officials, along with the private

sector, to share operational guidance and to encourage hurricane planning that reflects public health guidelines. While many preparedness tools available to you are the same, certain actions may look different while COVID-19 remains a concern. FEMA has updated guidelines for preparing for hurricane season.

PREPARATION TIPS

Visit [Ready.gov](https://www.ready.gov) for more tips



Gather Supplies

Have enough food, water, and other supplies for every member of your family to last at least five days. Consider what unique needs your family might have, such as supplies for pets or prescription medications. In addition, it is recommended that you add two-cloth face coverings per family member and cleaning items to your kit, like soap, hand sanitizer, disinfecting wipes, or general household cleaning supplies to disinfect surfaces. After a hurricane, you may not have access to these supplies for days or even weeks. Preparing now ensures that you are well-equipped to stay safe if you need to quickly grab your go-kit and evacuate. Children under two years old and people who have trouble breathing should not wear cloth face coverings.

As you prepare, be mindful that not everyone can afford to respond by stocking up on necessities. For those who can afford it, making essential purchases in advance will allow for longer time periods between shopping trips and help to protect those who are unable to procure essentials in advance of the pandemic and must shop more frequently.



Download the FEMA mobile app

Available in English and Spanish, the app provides a customizable checklist of emergency supplies, maps of open shelters and recovery centers, disaster survival tips, and weather alerts from the National Weather Service.



Make an Emergency Plan

Make sure everyone in your household knows and understands your hurricane plan. Discuss the latest CDC guidance on COVID-19 and how it may affect your hurricane planning. Don't forget a plan for the office, kids' daycare, and anywhere you frequent.



Know Your Evacuation Route

Check with local officials about updated evacuation shelters for this year. You should note that your regular shelter may not be open this year due to COVID-19. If you evacuate to a community shelter, follow the latest guidelines from the Centers for Disease Control and Prevention (CDC).

While at the shelter, be sure to wash your hands regularly. If possible, be sure to maintain a physical distance of at least six feet of space between you and people who aren't members of your household.

DISASTERS WON'T WAIT NEITHER SHOULD YOU

DOWNLOAD THE NFAAS APP



NFAAS

NAVY FAMILY ACCOUNTABILITY
and ASSESSMENT SYSTEM

In times of emergency or crisis, NFAAS is an **EFFECTIVE AND ESSENTIAL TOOL** for mustering and documenting the needs of our personnel.

At least twice a year, military service members and government employees receive an email that asks them to update their NFAAS accounts at <https://navyfamily.navy.mil>.

HURRICANE RESOURCES

EMERGENCY SITUATIONS

Dial 9-1-1

www.fcc.gov/consumers/guides/911-wireless-services

LOCAL EMERGENCY INFORMATION

NSWC PCD:

850-234-4900

<http://facebook.com/NSWCPCD/>

NSA PC: 850-234-4100

<https://www.facebook.com/NSAPC/>

American Red Cross

<http://www.redcross.org/get-help>

Federal Emergency Management Agency (FEMA)

1 (800) 621-FEMA (3362)

www.disasterassistance.gov/

Bay County Traffic Cams

<http://tmc.baycountyfl.gov/Default.aspx>

Navy Family Accountability & Assessment System
navyfamily.navy.mil

Navy Ready

<https://ready.navy.mil/>

National Oceanographic and Atmospheric Administration (NOAA) Hurricane Center

www.nhc.noaa.gov/

Ready. Prepare. Plan. Stay Informed.

www.ready.gov/

The Salvation Army

1 (813) 962-6611

<http://disaster.salvationarmyusa.org/aboutus/?ourservices>

Florida 511

Dial 5-1-1 or www.fl511.com

The Weather Channel

[https://weather.com/](http://weather.com/)

LOCAL NEWS STATIONS:

WJHG-TV, News Channel 7

www.wjhg.com

facebook.com/NEWS7

WMBB-TV, News Channel 13

www.mypanhandle.com

facebook.com/WMBBTV

HURRICANE EMERGENCY WEATHER

CHECKLIST

- ☒ Fill **GAS TANK** and additional fuel for larger vehicles.
- ☒ **STOCK SUPPLIES:** canned goods, batteries, special medication, cleaning supplies and two cloth face coverings per family member.
- ☒ **SEVERAL DAYS OF DRINKING WATER.** Fill bathtub and extra containers. One gallon a day per person is recommended.
- ☒ Know the **FLOODING HISTORY** and elevation in your area. Review the Bay County Flood and Evacuation Zones at: <http://www.co.bay.fl.us/511/Evacuation-Zones>
- ☒ Clear **CLOGGED RAIN GUTTERS** and downspouts in the event of heavy rainfall.
- ☒ Learn safe **EVACUATION ROUTES.** Be prepared to leave in enough time for any road closures.
- ☒ **SECURE PROPERTY,** including loose lawn furniture. Permanent storm shutters offer the best protection for windows.
- ☒ **MOVE VALUABLES** in the house to high, dry, and secure areas, which could include the washer or dryer, as well as the oven.
- ☒ **TURN REFRIGERATOR** to maximum coldness and don't open unless necessary.
- ☒ **EVACUATE EARLY,** during daylight if possible. Remember the Hathaway Bridge will close when winds exceed 40 mph.

NSWC PCD SUMMER INTERNSHIPS

NREIP

NAVAL RESEARCH ENTERPRISE INTERNSHIP PROGRAM

For more information, go to:
<https://navalsteminterns.us/nreip/>

ELIGIBILITY

APPLICANT MUST BE

- Enrolled full time at an accredited four-year college (see below for exceptions)
- Solely U.S. citizens (see exceptions below)
- On track to acquire a minimum of 31 credits by the start of the internship
- Students graduating the spring semester before the internship or later (winter graduates not eligible)
- Majoring in subjects relevant to the research interests of the laboratories

EXCEPTIONS

- Students attending two-year colleges in relevant majors and who meet credit requirements, may be eligible at the laboratory discretion. Those students should directly contact the laboratory of interest to determine eligibility
- Some labs make exceptions for Permanent Residents and Dual Citizens. Students should check individual lab pages for eligibility
- High school students taking college courses are not eligible but are invited to apply to our SEAP program

DURATION



10
WEEKS

With the possibility of extending up to four additional weeks

STIPEND



7K

New Undergrad Students

8,500

Returning Undergraduate Students

Students MUST have completed a full 10-week program in a prior year to receive this level

11K

Graduate Students

Students must currently be in graduate school and taking graduate school courses to receive this level

Stipend levels will be determined by the student's year of participation in the NREIP program. Stipends will be paid bi-weekly via direct deposit.

SEAP SCIENCE & ENGINEERING APPRENTICE PROGRAM

For more information, go to:
<https://navalsteminterns.us/seap/>

ELIGIBILITY

APPLICANT MUST BE

- High school students who have completed at least Grade 9
- Must be currently enrolled in high school (but may be taking college level classes for college credit)
- Graduating seniors are eligible to apply
- Must be 16 years of age or older by the internship start date to participate
- Solely U.S. Citizens (some labs make exceptions for Permanent Residents and Dual Citizens. Students should check individual lab pages for eligibility)

DURATION

8
WEEKS

With the possibility of extending up to two additional weeks

STIPEND



3,500

New Participant

4,000

Returning Participants

Stipend levels will be determined by the student's years of participation in SEAP and will be paid bi-weekly via direct deposit.

HOW IT WORKS



Choose Your Labs



Apply by Deadline



Receive Lab Decisions



Accept Your Placement



Embark on Your Next Adventure!



CONGRESSMAN NEAL DUNN VISITS NSWC PCD

U.S. Navy photos by Anthony Powers

Congressman Neal Dunn, M.D. (R-FL) visited Naval Surface Warfare Center Panama City Division Sept. 17 for a mission overview and briefings to learn more about the Command's expansive mission set and how Panama City supports the warfighter.





REAR ADM. WESLEY MCCALL VISITS NSWC PCD

U.S. Navy photo by Mass Communication
Specialist 1st Class Clyde Laster

Rear Adm. Wesley McCall, Commander, Navy Region Southeast visited Naval Support Activity Panama City, Sept. 15, to meet with senior leadership and tour installation facilities. During the tour, McCall visited tenant command Naval Surface Warfare Center Panama City Division where he learned about the newest generation of Landing Craft Air Cushion Ship to Shore Connector (LCAC SSC).



NSWC PCD GRADUATES



INAUGURAL LEADERSHIP TRAINING COHORT

GRADUATES

VATANA AN
JUSTIN GRIMES
ROBERT HAY
ERICA DAVIS
ANDREW SCHICHO
DONALD WITTKOPF
KATHERINE ARNALL
BENJAMIN MITCHELL
JEREMIAH MANDELLO
CHRISTOPHER CANAVAN
COREY FIFE
EMILY LITTLE
ERICA IFODE
JOHN BRADY
CAREY MARTIN
SAMANTHA SNELLEN
BRANDI CHESTANG
JOHN ROBIDEAU
DONALD LOVEJOY
SEAN MACRI



By Shauna Love-vonKnoblauch, NSWC PCD Public Affairs

PANAMA CITY, Fla. – Twenty journey-level career personnel from Naval Surface Warfare Center Panama City Division (NSWC PCD) recently completed the command's inaugural leadership training cohort to sharpen their leadership skills to be the future leaders of tomorrow.

Al Albright, NSWC PCD leadership training manager, said the training cohort, titled "Leadership Level Three Training," was created by NSWC PCD's Workforce Development based upon the leadership competencies necessary to develop current leaders and future supervisors.

"The goal is to educate employees in leadership competencies, and in doing so, enables employees to use the knowledge they receive by putting it into practice," said Albright. "As employees practice those skills in the workforce, they will grow as leaders and also have an opportunity to share what they've learned with coworkers."

Albright added both actions will create a better workforce and help prepare the attendees to take on greater responsibilities within their branches and within the command.

The leadership cohort is comprised of ten vendor taught leadership courses occurring once or twice per month over the course of three quarters. The courses began in February 2021 and continued through August 2021.

Erica Ifode, NSWC PCD systems engineer, said she applied for the program to gain additional knowledge and skills to enhance her professional development.

"The cohort program was a progressive learning opportunity to help me stay

engaged within my current role and maintain focus for future roles," said Ifode. "I am appreciative NSWC PCD established this program as I enjoyed the assessments and breakout sessions."

Vatana An, NSWC PCD research engineer, said he enjoyed the program and looks forward to putting the skills he learned to use in his career.

"I am very grateful to receive the fantastic opportunity to take part in the cohort," said An. "The program systematically trains future leaders who can help to achieve NSWC PCD's mission. NSWC PCD is my employer of choice, because of the command's commitment to equipping our workforce with the tools needed to deliver products and services the Navy needs."

Albright added all employees are leaders.

"Some leaders also supervise, but you don't need to be a supervisor to be an effective leader. Since all employees are leaders, this is an opportunity to attend leadership classes that will help prepare them for greater responsibility," said Albright. "By investing in leadership training now, we are equipping employees to lead not only now, but in the future."

Additional opportunities will be available to attend a future Leadership Level Three or Four cohort for eligible employees based on position. This program is supported and funded through Workforce Development's investment in the NSWC PCD team through tools to foster professional success.

For more information regarding future Leadership Cohorts please contact Al Albright in Workforce Development. ■

TEST & EVALUATION DIVISION SUPPORT COMMUNITY DAY THROUGH UNIVERSITY ACADEMY

Personnel from NSWC Panama City Division's Test and Evaluation Division (E40) recently supported University Academy's Community Day to provide students with perspective about what they do as engineers for the U.S. Navy, types of careers available through the Navy Lab, what it's like to be an engineer and more. Andrew Head and Nicole Waters presented the Coastal Test Range's remotely operated vehicle and Oceanographic Support Office's equipment and data collection methods. Haydlee Slutzky and Jonathan Nicklaus demonstrated the water chemistry table where they examined pH and water clarity levels. From left to right: University Academy teacher, Andrew Head (E42), Nicole Waters (E42), Jonathan Nicklaus (E42), Haydlee Slutzky (E42).



LOTERIA CARDS

Lotería is a traditional game of chance, similar to bingo, but using images on a deck of cards instead of numbered ping pong balls.



CODE A
LITTORAL & MINE
WARFARE



CODE E
EXPEDITIONARY &
MARITIME SYSTEMS



CODE X
SCIENCE & TECHNOLOGY



CODE 01
COMPTROLLER



CODE 10
CORPORATE OPERATIONS

ESPERANZA

*A Celebration of
Hispanic Heritage and Hope*

SEPT 15 - OCT 15

NATIONAL HISPANIC HERITAGE MONTH



HISPANIC HERITAGE MONTH PROFILE

The NAVSEA Warfare Centers join the celebration of National Hispanic Heritage Month, Sept. 15-Oct. 15. The unique dates encompass many significant events for various Hispanic communities that fall within the observance period. The annual observance pays tribute to the generations of Hispanic Americans whose ancestors came from Spain, Mexico, the Caribbean, and Central and South America, and who have positively influenced and enriched our nation and society. This year's theme is, "Esperanza: A Celebration of Hispanic Heritage and Hope."

FOR MORE INFORMATION, WATCH:

<https://www.youtube.com/watch?v=09p1wny4T3I>

<https://www.youtube.com/watch?v=zb37EEatDfo>

https://www.youtube.com/watch?v=1yhj_pAn3J4

<https://www.youtube.com/watch?v=VMLlwrwSln8>

<https://www.youtube.com/watch?v=kO3MEjVYdgo>



Ivan Lugo

Head, Expeditionary Systems Division

Ivan Lugo, head of the Expeditionary Systems Division at NSWC Panama City Division, graduated with a Bachelor of Science in electrical engineering from the University of Puerto Rico in 1988. Lugo went on to earn a systems engineering certificate in 2013 from Naval Postgraduate School (NPS), and a Master of Science in systems engineering from NPS in 2014.

Lugo began his Department of the Navy career after separating from the U.S. Air Force, where he served until 1992. Roles he has served aboard NSWC Panama City Division include: Public Works utilities engineer; Landing Craft, Air Cushion (LCAC) electrical engineer; LCAC systems engineer; Airborne Laser Mine Detection System (ALMDS) systems Engineer; LCAC Engineering Branch head; deputy department head (acting), Expeditionary and Maritime Systems Department; and currently, Head of the Expeditionary Systems Division.

As an electrical engineer and then as a systems engineer, Lugo has provided engineering leadership and expertise in developing and fielding many major performance and reliability improvement initiatives for ALMDS and LCAC Command, Control, Communications, Computers, Navigation & Electrical (C4N&E) systems. Lugo's leadership as branch manager and now as division manager continue to benefit the LCAC program and U.S. Marine Corps Expeditionary Maneuver program by shaping an environment of cultural inclusion, actively supporting minority recruitment and retention, and personally involved in mentorship.

"As a Hispanic, I strive to be the best role model I can be for those coming up behind me," he said. "I want young Hispanic engineers and scientists to see the significant positive impacts they can have on fleet readiness. I also want young Hispanics to see career paths that are possible for them within NAVSEA and NSWC PCD."



AMERICA'S RECOVERY:
**POWERED
BY**

Inclusion

FOR MORE INFORMATION GO TO:

National Disability Employment Awareness Month is observed each October to recognize the contributions of people with disabilities to America's workplaces and economy, and reaffirm commitment to ensuring equal opportunity for all citizens. This year's theme, "America's Recovery: Powered by Inclusion," reflects the importance of ensuring that people with disabilities have full access to employment and community involvement during the national recovery from the COVID-19 pandemic.

<https://www.defenseculture.mil/Human-Relations-Toolkit/Special-Observances/#national-disability-employment-awareness-month>

NATIONAL DISABILITY EMPLOYMENT AWARENESS MONTH



James "Skip" Skipper, purchase request creator and technical screener in NSWC Panama City Division's Purchasing Branch, said he enjoys the customer service he is able to provide in his role. "I enjoy being part of a team that is agile and adjusts as needed to accomplish the mission at hand," he said.

Skipper is retired from the U.S. Coast Guard. He was involved in an incident that left permanent damage to his back, neck and nerves. Skipper said this physical damage along with a diagnosis of post-traumatic stress disorder is a daily struggle for him.

Skipper was recently selected as NSWC Panama City Division's new Special Emphasis Program Lead for Individuals with Disabilities. Skipper said he is excited to be a part of this program and is passionate about helping others, while bringing an overall awareness to the command.

"There is a quote, 'Not all Disabilities are seen' – this has always resonated with me. It is important to realize that disabilities can reside above and below the surface," he said. "The Apostle Paul writes, 'Not only so, but we also glory in our sufferings, because we know that suffering produces perseverance; perseverance, character; and character, hope.' This means the disability a person has is simply an opportunity to reveal their strength."

Skipper notes untreated concerns can quickly move in bringing suffering to the individual and their families. "I want to make a difference so others get the right help to lead a full, productive and wonderful life," he said.

With help, Skipper said he has learned how to cope and overcome through hobbies such as costume play (COSPLAY). "COSPLAY has allowed me to emcee conventions, host events for children with disabilities or whom are underprivileged, and educate my own children about true kindness no matter the differences," he said. "I have found a community of friends that share my passion."

James Skip

Purchase Request Creator & Technical Screener



HAPPY 246th BIRTHDAY NAVY!

The theme of this year's birthday celebrations is

**RESILIENT
& READY**

which speaks to the service, dedication and strength of both Sailors and their families.

America's need for a strong Navy is rooted in our past and has never been more important. We are not simply the "keeper of the global way of life." While our ships and submarines are made of steel, our Sailors and their families are the lifeblood of our force, and at the heart of our birthday celebration.

Please take a moment to watch the birthday video message from leadership across the Navy base in Panama City, Florida, including our very own Commanding Officer CAPT David Back.

video: <https://youtu.be/tOPEpRn5f3o>



By Cierra Burch, NSWC PCD Public Affairs

DR. STERNLICHT

NSWC PCD DISTINGUISHED
SCIENTIST FOR LITTORAL
SENSING TECHNOLOGIES

WINS

NDIA BRONZE MEDAL

By Cierra Burch, NSWC PCD Public Affairs

Dr. Daniel Sternlicht, the distinguished scientist for littoral sensing technologies at Naval Surface Warfare Center Panama City Division (NSWC PCD), was recently selected as one of three recipients of the National Defense Industrial Association (NDIA) Bronze Medal.

The NDIA Bronze Medal recognizes key individuals in the principal Navy and University laboratories engaged in Undersea Warfare (USW) related achievements in either science or engineering. Sternlicht's pioneering work and publications, advanced techniques, and leadership has led to international recognition as an authority in maritime reconnaissance and surveillance technologies.

Dr. Peter Adair, NSWC PCD technical director, said Sternlicht's wealth of knowledge and experience sets the bar high for others in the defense establishment.

"Dr. Sternlicht's commitment and dedication to the evolution of littoral sensing research and effective collaboration across the USW enterprise is just one of the many reasons he is an ideal candidate to represent the Navy and NSWC PCD on the national stage and to be selected for this prestigious award," said Adair.

Sternlicht said he is grateful to receive the award and states it is also a recognition for the field and those involved.

"I'm very grateful to receive this award at the Undersea Warfare Conference – a venue that I have known for several decades, and which feels very close to home," said Sternlicht. "These awards are really a recognition of the impact our lab has on the Fleet – I'm merely a stand-in for the scientists, engineers, and command support who do much of the creative work, as well as the local leadership that keeps us true to course."

In addition to awarding recipients, the NDIA Bronze Medal award inspires accomplishments by other workers in the field and increases public awareness of the field and its importance to defense preparedness.

All recipients will be formally recognized at the 2021 Joint Undersea Warfare Fall Conference.

DIVISION SPOTLIGHT

CODE E10

Jenny Howell

MK 18 Unmanned Underwater Vehicle (UUV)
Family of Systems (FoS) Program Manager

Division E10

Maritime Mission Systems Division

Code E11

Special Operations Development
& Acquisition Branch



What does your job do?

I oversee the program and technical management of the MK 18 UUV FoS efforts at NSWC PCD, which includes support for the MK 18 Mod 1B/C and Mod 2 Inc I/II, and the next generation of small and medium class UUVs. I'm responsible for leading our team in task execution, including managing resources, schedule, and funding.

The team is designated as the FoS In-Service Engineering Agent (ISEA), Software Support Agent (SSA), Systems Engineering Lead, and Mod 1 Technical Direction Agent (TDA); as such we oversee production, sustainment, supply support, logistics, configuration management, test and evaluation of Engineering Change Proposals (ECPs), and transition and official release of new software. I also work with A and X Departments for tactics, Automatic Target Recognition (ATR)/Autonomy development, and various other Science and Technology (S&T) efforts.

What does your branch do?

The Special Operations Development & Acquisition Branch provides project management, acquisition support, logistics support, test and evaluation engineering, and software engineering support for Explosive Ordnance Disposal (EOD) and Naval Special Warfare (NSW) unmanned assets.

How long have you worked at NSWC PCD?

Since May 2003, so 18 years

Why did you decide to work at NSWC PCD?

As a college graduate with an Industrial and Systems Engineering degree, I was impressed to learn NSWC PCD was the recognized technical leader for mine warfare, naval special warfare, and expeditionary warfare. Most of my peers were looking for jobs in manufacturing, industry, and consulting. I thought NSWC PCD would provide me a unique experience to use my degree and serve my country in a way that I didn't realize I was looking for. It helped that my husband was a graduating Mechanical Engineer who was interested in working here as well! The decision was the right one - I didn't just find a job, I found someplace I could have a career. And we found a place to live where we could create a home and raise a family.

What does your division do in support of NSWC PCD and the Navy? What is the impact?

The MK 18 Mod 1 and Mod 2 are used primarily by Naval Expeditionary Combat Command (NECC) as part of the Expeditionary Mine Countermeasures (ExMCM) and Explosive Ordnance Disposal (EOD) Mobile Unit (MU) groups to perform missions all over the world. As part of E11, the Mk 18 team provides In-Service and sustainment support for over 150 MK 18 UUVs in the Fleet today, with more being fielded over the next several years. We regularly release software updates that improve system performance as well as ATR and autonomy capabilities. We also provide fly away mobile systems, testing, and software teams that provide on-site support to the Fleet.



NSWC PCD PERSONNEL SECURITY (PERSEC) BULLETIN

September - October 2021

ADJUDICATIVE GUIDELINES

The Personnel Security adjudicative process is a determination that an individual is an acceptable security risk for access to classified information.

The 13 Adjudicative Guidelines, A – M, of Security Executive Agent Directive 4 (SEAD 4) - National Security Adjudicative Guidelines, provide the concerns and conditions that are evaluated.

For more information, email
nswcpc_security@navy.mil

GUIDELINE E – PERSONAL CONDUCT

Concern:

Conduct involving questionable judgment, lack of candor, dishonesty, or unwillingness to comply with rules and regulations can raise questions about an individual's reliability, trustworthiness, and ability to protect classified or sensitive information.

Examples of Conditions to be Evaluated

Whole-person assessment of credible adverse information or other questionable characteristics indicating that the individual may not properly safeguard classified or sensitive information:

- Untrustworthy or unreliable behavior
- Any disruptive, violent, or other inappropriate behavior in the workplace
- Pattern of dishonesty or rule violations
- Evidence of significant misuse of Government or other employer's time and resources
- Personal conduct or concealment of information about one's conduct, that creates a vulnerability to exploitation, manipulation, or duress
- Violation of a written or recorded commitment made by the individual to the employer as a condition of employment
- Engaging in activities, which if known, could affect the person's personal, professional, or community standing
- Association with persons involved in criminal activity

RESPECT. PROTECT. EMPOWER.

Sexual Assault Prevention & Response



F.I.A.R.

Financial Improvement & Audit Remediation

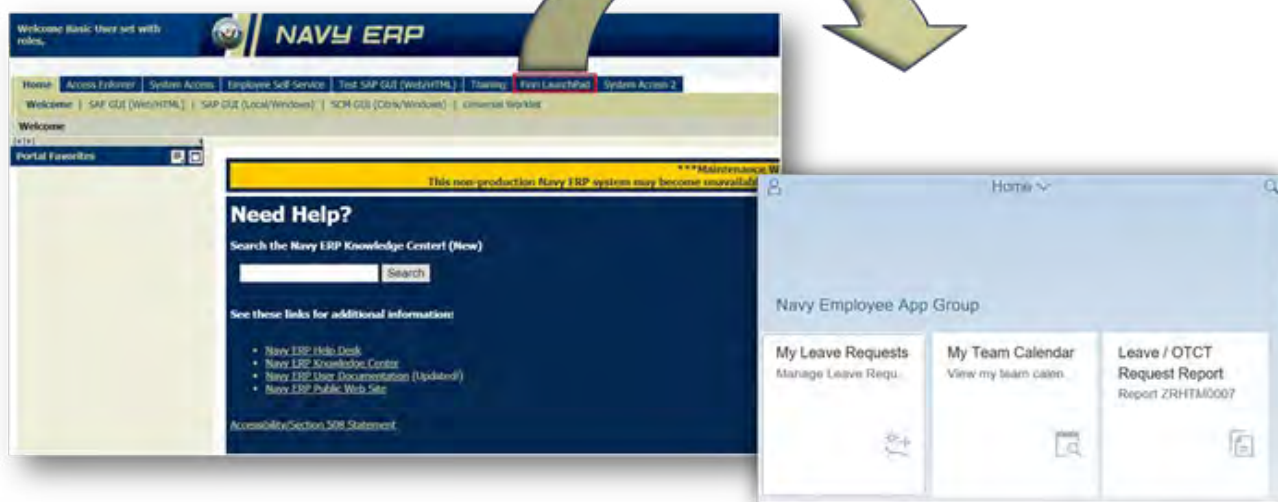
WEAKNESSES IN MANAGEMENT OF LEAVE AND OVERTIME REQUESTS REVEALED BY RECENT INTERNAL CIVILIAN PAY TESTING:

- 1 Leave must be approved by the supervisor or other designated official, BEFORE leave is taken. If annual leave is not approved in advance, because of an unusual or an emergency situation, it should be reviewed as soon as reasonably possible after the leave is taken.
- 2 Approval is to be obtained from the employee's supervisor for overtime BEFORE the work has been performed when feasible and, when not feasible, then as soon as possible after the work has been performed.
- 3 Signed Overtime Forms MUST be uploaded to Records Management but are missing or difficult to locate based on naming convention.

The Command has mandated use of FIORI (part of the ERP website: <https://ep.erp.navy.mil>) for ALL Leave and Overtime Requests. The guide was emailed to all personnel on 15 July 2021 effective for use starting 19 July 2021.

NEW FIORI TOOL IMPROVEMENTS:

- 1 Eliminates need to maintain leave and overtime requests electronically in programs for all future requests.
- 2 Eliminates employees' need to individually track request approvals. A report that shows activity dates is included to demonstrate compliance by confirming request and approvals are recorded before the event occurs.
- 3 Eliminates need for completing and storing NAVCOMPT FORM 2282/2-83.
- 4 Decreases number of requests from auditors. Future testing will verify FIORI compliance.



Instructions for FIORI: <https://wiki.navsea.navy.mil/display/DCT/Quick+Reference+Guides>

For any issues using FIORI, contact Ronda Wetter at ronda.s.wetter.civ@us.navy.mil (850) 819-2609 or Rachel Thompson at rachel.m.thompson46.civ@us.navy.mil (850) 819-6051.

AWARD WINNERS



National Defense Industrial Association (NDIA) Bronze Medal

Dr. Daniel Sternlicht

UPCOMING AWARDS

Due	Award
11/16	DON Information Management-Information Technology Excellence
11/24	1. National Society of Black Engineers Golden Torch Awards 2. DON Civilian Human Resources and Equal Employment Opportunity (CHREEO) Community Awards for Excellence
11/30	SECDEF Maintenance Awards
12/3	DoD Packaging Excellence and Packaging Achievement Awards
12/8	Presidential Awards for Excellence in Science, Mathematics, and Engineering Mentoring (PAESMEM)
12/10	National Society of Black Engineers Golden Torch Awards
12/27	Samuel J. Heyman Service to America Medals
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_NSWPCD_PAO@navy.mil
for nomination requirements,
forms and questions.

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.



NSWC PCD DAWIA

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 this month**

Christian Alfonso Flores	Michael Kirke
Niklas Bacon	Jeffrey Kleinbauer
Ryan Barrett	Michael Kleinbauer
Frank Bobe	Jeffrey Krajewski
Sharon Brakey	Demetrious Kutzke
Casey Brennan	Tin Lee
Charles Brooks, Jr	Ismael Mendoza-Perez
Sean Bryan	Joshua Moehring
Daniel Bysina	Mary Mouro
Luis Cardona-Echevarria	Ronel Murillo Pagan
Candra Cebula	David Osafo
Kendall Condron	Devin Paul
Robert Cortes	Samuel Peebles
Chika Cosmas	Joseph Pennington
Antonio Cruz Pagan	Lindsay Portas
Marcus Cruz Velez	Kyle Reinhardt
Ricardo Cuevas	Marcus Rich
Timothy Daniel	Miguel Rivera Nieves
Dylan Daughety	Hector Rodriguez Quiles
Cynthia Davis	Julian Royal
Emily Dempsey	Christopher Ryan
Raj Dhasmana-Marquez	Roberto Santana Centeno
David Emery	Joshua Simmons
Eduardo Fenollal-Gines	Sonja Smith
Roscelin Figueroa	Matthew Strickland
Corrie Gann	Michael Tavarone
Daniel Gomez Vazquez	Nathaniel Waldstein
Brandon Hayes	Jared Wampler
April Hirsch	Brandt Weilbacher
Connor Hodges	Stephanie Wilson
William Jones	Andre Wright
Emily Kiehn	Susanna Yau
Minnie Kinard	







SAFETY

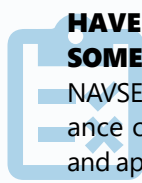
Prepared by James Scroggs, NSW PCD Safety Specialist

LITHIUM BATTERY FIRES

Below are some first-hand lessons to demonstrate the hazards of the greatly effective, but very volatile lithium batteries and why we need to respect them.

STORE EQUIPMENT NEAR FLAMMABLE GEAR		A unit was conducting routine training with a Puma unmanned aerial system (UAS). Regrettably, they were unfamiliar with the guidance on where they should be stored after use and stored them in a weapons cleaning and maintenance armory. About two hours after being locked away, a fire started that destroyed almost two million dollars in equipment.
LEAVE LITHIUM BATTERIES CHARGING UNATTENDED		A robot was left charging for eight days, while not in use. A service member discovered a fire when opening the door to the container to smoke. Due to the amount of damage the fire caused, a fire investigator could only determine that the fire started with the robot, unsure if it was the battery or robot components. However, some judgments are possible. Firstly, Lithium batteries are not something to overcharge, so don't leave one charging for more than a day. Secondly, when charging these batteries, do not leave them unattended. If coffee makers need to be unplugged when unattended, then items that can be exceedingly volatile, must also be unplugged.
BE A HERO WHEN IT COMES TO NOXIOUS FUMES		A service member was replacing lithium batteries for equipment when one of the batteries got hot and smokey. The service member secured the station power and removed the glowing battery. While potentially saving an aircraft from severe damage, they inhaled large volumes of fumes. Their actions do warrant respect, but the Navy and Marine Corps would prefer damage to equipment than damage to their people. The Technical Manual for Navy Lithium Battery Safety Program Responsibilities and Procedures (NAVSEA S9310-AQ-SAF-010) states: if you see a lithium battery getting hot or swelling, you are to evacuate the area and call Explosive Ordnance Disposal (EOD). If the battery is actively venting or burning, you are to contact the fire department, ensuring they know there is a lithium battery incident.
KEEP LITHIUM BATTERIES IN YOUR POCKET		A Sailor had two lithium batteries in his pocket, which, as the report states, must have made contact with their keys and shorted as they "exploded in his pocket," resulting in several burns.

KEY LESSONS



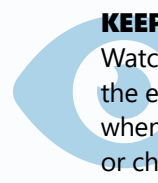
HAVE A PLAN FOR WHEN SOMETHING GOES WRONG.

NAVSEA S9310-AQ-SAF-010 provides guidance on emergency procedures. Review and apply them to your emergency plan as appropriate. Ensure your unit knows when to call for professional responders, especially in regard to a venting or burning battery. These should be dealt only by professionals.



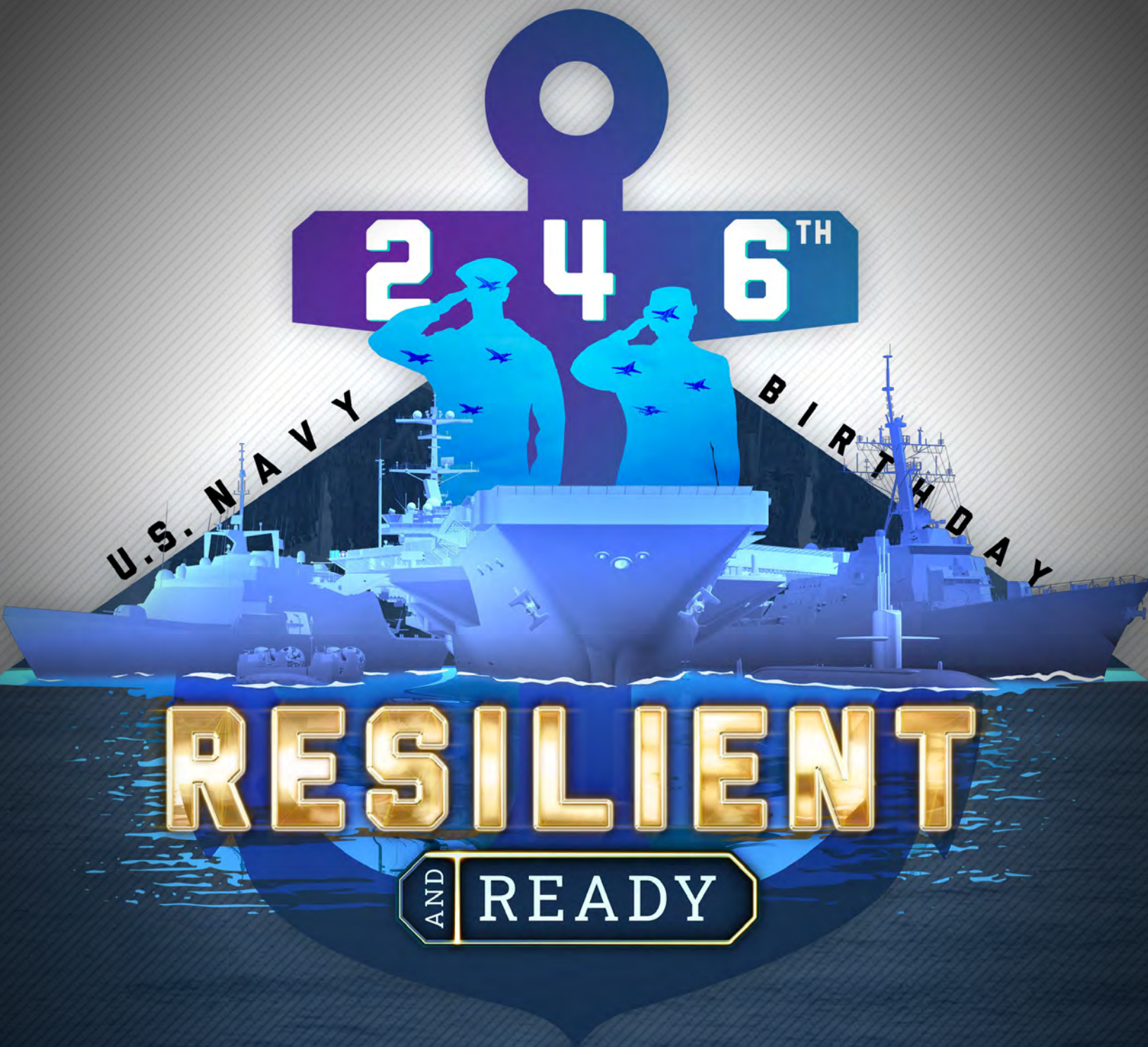
KNOW STORAGE CRITERIA.

NAVSEA S9310-AQ-SAF-010 provides some general guidance, but the technical manuals for specific equipment have more detailed guidance.



KEEP WATCH.

Watch over the equipment when it's in use or charging.



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Distribution A -
Approved for public release