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Navy Personnel Command Public Affairs

http://www.navy.mil/submit/display.asp?story_id=102719

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or find it online at www.navy.mil/cnp

1.) Navy Uniform App Released / 4 OCT 17

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WASHINGTON (NNS) -- Navy announced Oct. 4 the rollout of the "OPNAV Uniform" app for iOS and Android mobile devices to provide information on how and when to wear the Navy Working Uniform (NWU) Type III.

The app covers the wear rules for NWU Type IIIs released Aug. 31 in NAVADMIN 214/17. It also provides photos illustrating the different uniform items and how to wear them.

The U.S. Navy's Sea Warrior Mobility Program (PMW 240) developed the app along with Tracen Technologies, Inc.

Sailors can provide their inputs for improvements through the feedback section of the app. The Uniform Matters Office and PMW 240 Mobility Program will continue to work on improving the app to address more uniform components in future updates.

The app is available for download through the Navy App Locker at <https://www.applocker.navy.mil/#!/apps>, and iTunes and Google Play online stores. To find the free app, search "OPNAV Uniform" in the app stores or in your web browser.

For more information, visit www.navy.mil, www.facebook.com/usnavy, or <http://www.twitter.com/usnavy>.

For more news from Chief of Naval Personnel, visit <http://www.navy.mil/local/cnp/>.

2.) Navy College Program Afloat Receives Major Upgrades / 2 OCT 17

Naval Education and Training Professional Development Center Public Affairs

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VIRGINIA BEACH, Va. (NNS) -- As part of the continued transformation of the Navy's Voluntary Education Program, the Navy College Program for Afloat College Education (NCPACE) Distance Learning (DL) will transition to individual enrollment Oct. 1 as announced in NAVADMIN 243/17.

The NCPACE DL courses are self-contained (no internet connectivity is required to complete the course), and are available at any time for eligible Sailors assigned to type two and type four sea duty. Sailors enroll using the new NCPACE DL application process available in the My Education Application module on the Navy College Program (NCP) website.

A major change to the program is that all NCPACE DL courses will now be funded using the same rate authorized for Tuition Assistance courses; \$250 per Semester Hour (SH) or equivalent. Sailors may only receive funding for up to 16 SH or equivalent, per fiscal year through TA, NCPACE DL, or any combination of the two. NCPACE DL courses now also require the same grade attainment standards as TA courses at all levels to avoid tuition reimbursement to the government.

"This is a significant upgrade to the NCPACE DL program that greatly increases the number of schools available to deployable Sailors," said Lt. Cmdr. Nick Turner, deputy director of the Navy's Voluntary Education Program. "We're anticipating an increase in the number of schools involved, and an increase in classes available at every level for our Sailors on sea duty."

Instructor-led (IL) NCPACE classes will continue to operate under contract support and NCPACE command coordinators will use the NCPACE section of the NCP website to select courses, pre-register Sailors and order courses. IL courses do not fall under the funding cap restrictions of TA and DL courses for Sailors.

First-time TA or NCPACE users must complete the prerequisite training listed on the NCP website prior to obtaining funding approval for courses. For each level of educational or academic pursuit (certificate, associate, bachelor's or master's), Sailors must:

- Receive academic counseling from the Navy College Virtual Education Center (NCVEC) or an overseas Navy College Office counselor. Counseling must occur before submitting the official education plan.
- Submit, at a minimum, an unofficial education plan to the Sailor's My Education record before enrolling in any classes.
- Following counseling by an NCVEC or overseas NCO counselor, submit an official education plan or Service member Opportunity College agreement to the Sailor's My Education record within the first nine Semester Hours of instruction.
- NCPACE IL command coordinators will ensure IL participants meet these requirements.

Sailors who have completed the training and met eligibility can now receive automated approval of TA and NCPACE DL requests for Academic Institutions (AI) who have uploaded their catalog of applicable courses into the AI module of the Navy College Management Information System. The NCP website has details and complete information.

Additional details on Voluntary Education Program updates, including NCPACE DL and IL, can be found in NAVADMIN 243/17.

Visit the NCP website: www.navycollege.navy.mil to start the ashore or afloat education process, complete required training, submit a Help Request at the Assistance Center, initiate a Live Chat session, or review knowledge management articles. The NCVEC can be reached toll free 1-877-838-1659; DSN 492-4684, Monday-Friday 7 a.m. - 7 p.m. EST.

Get the latest information by following Navy Voluntary Education on Facebook:
<https://www.facebook.com/NavyVoluntaryEducation/>.

Additional information about the Naval Education and Training Professional Development Center can be found via: www.navy.mil, www.facebook.com/usnavy, or www.twitter.com/usnavy.

For more news from Naval Education And Training Professional Development And Technology Center, visit www.navy.mil/local/NETPDTC/.

3.) The Cyber Threat is Real / 2 OCT 17

Office of the Deputy Chief of Naval Operations for Information Warfare
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WASHINGTON (NNS) -- Throughout National Cybersecurity Awareness Month this October, and in subsequent articles, the Office of the Deputy Chief of Naval Operations for Information Warfare (N2N6) will describe the things you can do, at home and at work, to protect yourself and the Navy from cyber threats.

Few people today need to be convinced that our networks, computers and smart phones are at risk of compromise. We've grown accustomed to the news of computer hacks.

The confidential information of 143 million Americans was potentially compromised in the recent Equifax breach. In May 2017, the WannaCry ransomware attack infected 150,000-plus computers in over 150 countries within the first 24 hours.

If you keep up with the news, you know of Russia's election-focused data thefts and disclosures. More distant high profile attacks, such as the 2015 Office of Personnel Management hack that resulted in the theft of 21.5 million personnel records, are memorable because they affected many of us in the Navy.

From these example hacks, you can safely assume anything connected to the internet is at risk.

In fact, any electronic device for storing and processing data - a computer - is at risk, regardless of whether it's connected to the internet or whether it looks like the desktop or laptop computers we use at home and at work.

Disconnected systems are also vulnerable as attackers have employed innovative tactics to reach systems not connected to the internet. For example, thumb drives loaded with damaging software were picked up by unsuspecting technicians and used to spread the Stuxnet virus to centrifuges in an underground Iranian nuclear research facility.

Although the compromise of Iran's nuclear facility was well publicized, less well known are other news reports that also demonstrate physical systems controlled by computers (control systems) are at risk.

In 2016, hackers who were thought to be from Russia compromised a Ukrainian power company, knocking out power to part of Kiev for over an hour. A 2015 breach of a Ukrainian energy company, which resulted in a power outage to 80,000 customers, may have been related to the 2016 attack. Closer to home, in 2016 "...the Justice Department claimed Iran had attacked U.S. infrastructure online, by infiltrating the computerized controls of a small dam 25 miles north of New York City."

The control systems that manage the Navy's critical infrastructure and other services at Navy bases and facilities are commercial products that have known weaknesses. Like the Ukrainian control systems and the systems controlling the New York dam, Navy control systems and networks used by operational forces could also be at risk of compromise.

During June 2017, a commercial ship off the Russian coast discovered its GPS navigation system erroneously located the ship at an airport 32 kilometers inland. At least 20 other ships in the area had similar problems with their Automatic Identification System, which U.S. Navy ships also use. "Experts think this is the first documented use of GPS misdirection - a spoofing attack that has long been warned of but never seen in the wild."

Chief of Naval Operations (CNO) Admiral John Richardson sums up the current cyber threat environment, "The threats reach well beyond what you would consider a traditional computer or information technology network into the control systems and indeed almost every aspect of our lives and of our Navy mission."

These cyber threats can come from nations with highly sophisticated cyber programs, countries with lesser technical capabilities but possibly more disruptive intent, ideologically motivated hackers or extremists and/or insiders within our organizations, with a variety of motivations. Even cyber criminals threaten the Navy because they sell malicious software to state and non-state actors, thereby increasing the number of potential threat actors.

Vigilance and ensuring a robust defense-in-depth framework that incorporates people, processes and technology to assure our networks are safe is key.

The threat will continue to increase as adversaries look for potential vulnerabilities and increase their level of sophistication for cyber-attacks. In Congressional testimony, former Director of National Intelligence James Clapper described the threat saying, "Cyber threats to US national and economic security are increasing in frequency, scale, sophistication and severity of impact. The ranges of cyber threat actors, methods of attack, targeted systems and victims are also expanding."

But you can make a difference.

By adhering to cybersecurity policies, directives and best practices you can help keep the Navy secure and also protect yourself and your families while online, outside of work. It's an all hands effort, like damage control on a ship.

Knowing adversaries are actively seeking to penetrate our systems, steal our data and disrupt operations should help you understand the CNO's perspective: "Wherever you are, whatever system you're operating, every time you log in, you are in the cyber battlespace."

Be vigilant. Be safe.

For more information visit www.navy.mil/local/cyberawareness/.

4.) Energy Action = Mission Success for Energy Action Month 2017 / 10 OCT 17

Chief of Naval Operations Energy and Environmental Readiness Division

http://www.navy.mil/submit/display.asp?story_id=102675

WASHINGTON (NNS) -- Since 2012, October has been designated Energy Action Month, a celebration of energy as a pillar of the nation's economy and a time to recognize the role individual Americans can play in reducing energy waste.

The Department of the Navy's Energy Action Month theme for this year is, "Energy Action = Mission Success." The theme makes the point that energy is integral to the sea service's ability to maintain forward presence at sea, operate sensors that detect threats and help protect our forces, and conduct the full range of missions from humanitarian assistance/disaster relief (HADR) to high-end combat operations.

"The decisions Sailors and civilians make about energy use on a daily basis can have a direct impact on how far we steam, how often we refuel, and how long can we stay in the fight," said CAPT Carl Lahti, director of the Chief of Naval Operations Energy and Environmental Readiness Division. "Energy Action Month reminds us of that responsibility and can help us focus on ways to improve our energy consumption."

The Department of Defense (DoD) is the largest single consumer of energy in the United States. The Navy accounts for over one quarter of DoD's petroleum use.

Throughout the month of October, the Navy is demonstrating its commitment to energy resiliency through awareness and outreach campaigns. Electronic and hard copy posters highlighting the theme are circulating Fleet-wide, and Navy social media channels will feature stories, videos, and tips for energy conservation afloat and ashore.

All U.S. Navy vessels depend on hull coatings and regular hull cleanings to reduce drag from buildup that would otherwise degrade hydrodynamics and miles per gallon at sea, affecting speed and range. While ships equipped with technologies such as energy dashboards, LED lighting, and hybrid propulsion systems like USS Makin Island (LHD 8) and USS America (LHA 6) have more "tools in the toolkit" to actively manage their energy consumption, each Navy ship can employ best practices such as turning off lights in unused spaces, using trail shaft (i.e., one or more engines secured) when operationally safe to do so, and completing routine maintenance on shipboard systems to get the maximum combat capability from the fuel in their tanks.

Ashore, personnel at naval facilities can take advantage of energy saving tips on the Chief of Naval Installations Energy Action Month page at <https://cnic.navy.mil/om/energy-action-month/energy-tips.html>.

To learn more about Energy Action Month and download outreach materials, visit <http://greenfleet.dodlive.mil/energy/energy-action-month/>.

Receive the latest Navy energy updates by following us on Facebook at www.facebook.com/navalenergy and Twitter at www.twitter.com/navalenergy.

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<http://navylive.dodlive.mil/2017/10/02/statements-by-secnav-richard-v-spencer-and-cno-adm-john-richardson-on-las-vegas-mass-shooting/>

- Suicide Prevention Takes One Small Act to Save a Life

<http://navylive.dodlive.mil/2017/09/28/suicide-prevention-takes-one-small-act-to-save-a-life/>

- Naval Hospital Bremerton Continues to Advocate Emergency Preparedness

<https://www.dvidshub.net/news/250598/naval-hospital-bremerton-continues-advocate-emergency-preparedness-all>

- Naval War College Hosts Lecture for Spouses and Significant Others

http://www.navy.mil/submit/display.asp?story_id=102739