

# CURRENTS

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A weekly publication of Newport News Shipbuilding



Doug Scott, from left, Brent Ruffy, Jacob Weber and William McLaughlin help load Holiday Food Drive donations at Bldg. 600. Photo by John Whalen

## Holiday Food Drive Provides More Than 80,000 Meals

Through donations of food and money, shipbuilders provided more than 80,000 meals for families across the region during Newport News Shipbuilding's annual Holiday Food Drive in December. That is a 25 percent increase from the number of meals shipbuilders provided during the 2016 drive.

Shipbuilders gave more than 20,000 pounds of food and more than \$15,000 toward the effort, which supports the Virginia Peninsula Foodbank.

"So many of our neighbors are struggling to meet basic needs and facing hunger on a daily basis," said Community Relations Representative **Judy Fundak**. "Children and the elderly are especially vulnerable. But with the support of our amazing shipbuilders, the 2017 Food Drive enabled the Virginia Peninsula Foodbank to provide 80,735.5 meals to those in need, once again substantiating the fact our shipbuilders are the best in the world."

For the past three years, Propulsion Steam Plant and Valve Engineering (E71) has supported the food drive in a unique way. The department's eight supervisors, plus their manager, each form teams and compete to see which group can donate the most. The winning team, Avery's Pantry Stuffers, donated more than 247 pounds per person.

Altogether, E71 shipbuilders donated about 3,482 pounds of food and more than \$4,267. "The food drive competition is very engaging for the department and we love the competition, but we all know it's about giving back to the community and doing our part in the battle against hunger – everybody wins," said E71 Department Manager **Bill Connolly**.

Watch a Holiday Food Drive video on MyNNS.



An artistic rendering of a Columbia-class submarine at sea. Courtesy of the U.S. Navy

## NNS Awarded Contract for Columbia-Class Submarine Work

Newport News Shipbuilding has been awarded a contract from General Dynamics Electric Boat (EB) worth up to \$468 million for integrated product and process development work for the U.S. Navy's new Columbia-class submarines.

Contract work began in October and allows for the completion of the design. It also includes engineering analysis, component and technology development, detail planning and technical services.

CONTINUED ON PG 2

## Laser Scanning at Sea

As laser scanning technology becomes more popular at Newport News Shipbuilding, designers and engineers have successfully tested laser scanning at sea to speed up ship checks and contracts, ultimately growing the business base.

Laser scanning equipment includes a FARO scanner, which is essentially a blue box on a tripod that spins 360 degrees capturing images and dimensional point cloud data. The images are then downloaded to SD cards. NNS is also using hand scanners that can capture dimensional point cloud data without having to set a scanner on a tripod.

"Laser scanning is basically a picture with dimensional data," Designer **Woody Woods** (E63) said. "It's like you're walking on the ship on your computer screen."

CONTINUED ON PG 2

## NNS Awarded Contract for *Columbia*-Class Submarine Work

CONTINUED FROM PG 1

EB was awarded the prime contract in September, and NNS is the subcontractor for the new class of ballistic-missile submarines that are being designed to replace *Ohio*-class submarines.

“This contract leverages the productive partnership we’ve built with EB in the construction of *Virginia*-class submarines,” said **Dave Bolcar**, vice president of submarine programs at NNS. “We are excited and ready to do our part to support EB and deliver these submarines to the Navy in an efficient and cost-effective manner.”

Construction of the 12-submarine *Columbia* class is expected to begin in fiscal year 2021, with the first delivery to the Navy in 2028.

*Columbia*-class construction will utilize NNS’ outstanding shipbuilders, existing infrastructure and current submarine and carrier centers of excellence to design and build modules similar to that of *Virginia*-class submarines. The program will also integrate new facilities such as the Joint Manufacturing and Assembly Facility (JMAF).

## Laser Scanning at Sea

CONTINUED FROM PG 1

Woods and Electrical Engineer **Nathan Vandygriff** (E63) recently spent time aboard the tugboat *Huntington* to test laser scanning technology. They joined Captain **Allen Sutton** (X36), who piloted the tug along the James River, purposefully making sharp turns and changing speeds. The maneuvers helped increase vibrations for testing laser scans in the engine room.

“Usually when we scan, we’re tied to a pier and the engines aren’t running,” Woods said. “Out here we’re trying to get as much movement and vibration to see if the scans are impacted.”

Woods gave the SD cards to Vandygriff who processed the scans on a laptop using a program called Auto-desk ReCap. Once back in the office, they can transfer the scan data from the laptop to the network so anyone using Auto-desk ReCap can view the scans.

The team hopes to apply the laser scanning technology to ships at sea, such as USS *John C. Stennis* (CVN 74). They aspire to create visual work instructions using laser scanning technology aboard the nuclear-powered supercarrier. NNS is looking for ways to incorporate laser scanning technology in future projects.



Woody Woods tests laser scanning technology onboard tugboat *Huntington*. Photo by Lena Wallace

“Using laser scanning technology to me means we are a company fostering new ideas to build ships,” Woods said. “We just can’t continue to build ships the way it was done in the past. We need to learn to harness new technologies and apply them to the shipbuilding business. When I look back at my 31 years in the shipyard, I never thought I would be using this technology. I think it’s cool that I’m getting the opportunity to learn the new technologies and apply them to the shipbuilding industry.”

Watch a video about laser scanning at sea on MyNNS.



Craftsmen and craftswomen participate in a resume workshop hosted by the ASIAN ERG.

## ASIAN ERG Hosts Resume Workshop

The Asian Shipbuilders Including All Nationalities (ASIAN) employee resource group (ERG) hosted a resume workshop on Nov. 9 for craftsmen and craftswomen looking to advance their careers at Newport News Shipbuilding.

“This type of outreach is the definition of engagement. The information and insight conveyed

to the attendees was invaluable. As a result, I am inspired, encouraged, and now prepared, thanks to the workshop and ASIAN,” said **Matthew Mose** (X31), a member of the ASIAN ERG who attended the workshop.

About 20 craftsmen and craftswomen attended the 5:30 a.m. workshop. Attendees were treated to hot coffee, cocoa and donuts as they received tips on creating resumes and building their brands. Guest speakers **Thomasina Wright** and **Xavier Beale** told shipbuilders how to make their resumes stand out and offered tips about what hiring managers look for when evaluating applicants.

“Wisdom from successful leaders like Mrs. Wright and Mr. Beale provides a strong foundation on which to build your career. In order to build you career, you must first build your resume,” said **Duriel Smith** (X31).

## AROUND THE YARD



### Watch December Focus NNS

The December 2017 edition of Focus NNS explores how *Enterprise* (CVN 65) lives on and highlights the premiere of the USS *Gerald R. Ford* (CVN 78) documentary, "Building Integrity, Building *Ford*." This edition of Focus NNS also features this year's new Master Shipbuilders and looks back at the top stories of 2017.



Pictured from left to right are Propeller Club Board Member Charlie Jackson, Propeller Club Chairman Floyd Byrd (O98), Big Brothers Big Sisters Development Director Julie Dudley, Propeller Club Treasurer Willy Adams (O19) and Propeller Club House Chairman David Batdorf (K71).

### Propeller Club Supports Food Bank, Big Brothers Big Sisters

The Propeller Club of Newport News made donations to the Virginia Peninsula Foodbank and Big Brothers Big Sisters of the Greater Virginia Peninsula in December.

The Foodbank received \$1,000 to help distribute food effectively through collaborative efforts that minimize hunger, promote nutrition and encourage self-reliance through education. Big Brothers Big Sisters received \$500 to help provide children facing adversity with strong and enduring, professionally supported 1-to-1 relationships that change their lives for the better.



Pictured from left are Stacy Nixon, GSCCC philanthropy director; Tracy Keller, GSCCC CEO; Carolyn Pittman, NNS vice president and controller and GSCCC board member; and Carolene Goodwyn-Harris, chairman of the GSCCC board. Photo by Ashley Cowan

### NNS Supports Girl Scouts

Representatives from the Girl Scout Council of Colonial Coast (GSCCC) came to Newport News Shipbuilding on Dec. 19 to accept funding from the company for expanded programming to expose girls to science, technology, engineering and math.

NNS' gift will support new STEM programs, including robotics, cybersecurity and engineering for girls in grades K-12. One of the key partners in providing program opportunities is Newport News Public Schools' Summer Program for Arts, Recreation and Knowledge (SPARK), which is aimed at preventing summer academic slide.

This critical investment positively impacts nearly 12,000 girls and more than 5,000 adult mentors in our community. NNS' gift furthers the GSCCC's commitment to the national Girl Scout STEM Challenge to add 2.5 million girls to the STEM pipeline by 2025.

### X36 Reaches Out to Help Others

The X36 Waterfront Support Services Department has reached out to local community organizations for many years. In 2017, X36 chose to support the Children's Hospital of The King's Daughters (CHKD).

A total of \$4,005 was collected from X36 shipbuilders for CHKD. X36 is a support department at Newport News Shipbuilding, but shipbuilders are glad to reach outside of the shipyard gates to give back and support others in the community.

### Severe Weather Resources

There is a possibility that winter weather will impact our area this week. In the event of inclement weather, employees are reminded to call the Newport News Shipbuilding Employee Information Phone Line at 1-877-871-2058 for information regarding the status of shipyard operations. The company's service provider recently made changes to the phone line that could result in shipbuilders receiving a busy signal or not being able to dial in at all.

In addition to the phone line, employees are reminded of other NNS communication channels, including company email, the NNS to Go app, social media (HII Facebook and Twitter pages and NNS President Jennifer Boykin's Facebook page), NNS websites and SEND WORD NOW.



Pictured from left are John Edwards, Nautilus Society vice president; Donna Tighe, Virginia Peninsula Foodbank community relations manager; and Randy Kingsbury, Nautilus Society president.

### Nautilus Society Gives Back

The Nautilus Society, an organization of reactor test engineers at Newport News Shipbuilding, has a rich tradition of working with community leaders supporting outreach and charity programs across the Peninsula by raising and donating thousands of dollars.

At the Nautilus Society's 37th annual Christmas party in December, 50 generous attendees raised \$1,000 for the Virginia Peninsula Foodbank. Donna Tighe, the Foodbank's community relations manager, was excited about the continued support of shipbuilders. The donation provided 4,000 meals for the community. Nautilus Society members were pleased to provide meals for those in need across the region.

## DATEBOOK

### JANUARY 11

The "Spear and Gear" Toastmasters Club will host a meeting from 4:30 p.m. to 5:30 p.m. in Room 247 of The Apprentice School (Bldg. 1919). The event is open to all Newport News Shipbuilding employees and no RSVP is required. The event will provide a forum for employees to learn how to become more effective communicators and leaders. For more information, contact **Jason Paquette** (E83) at 534-2770.

### JANUARY 13

The Apprentice School Student Association is hosting a trip to Washington, D.C., to watch the Washington Wizards take on the Brooklyn Nets. A bus will be provided and will leave the athletic field at noon. The game starts at 7 p.m. One ticket is \$15 and two are \$20. Limit two tickets per person. Visit [bit.ly/ASSAbasketball](http://bit.ly/ASSAbasketball) to purchase tickets. For more information, visit [apprenticestudents.com](http://apprenticestudents.com).

### JANUARY 25

The "Spear and Gear" Toastmasters Club will host a meeting from 4:30 p.m. to 5:30 p.m. in Room 247 of The Apprentice School (Bldg. 1919). The event is open to all Newport News Shipbuilding employees and no RSVP is required. The event will provide a forum for employees to learn how to become more effective communicators and leaders. For more information, contact **Jason Paquette** (E83) at 534-2770.

### FEBRUARY 3

The Apprentice School Student Association is hosting a Snowshoe Ski Trip. The bus is leaving at midnight on Feb. 2 from the Apprentice School Athletic Center. The cost is \$35 for the bus and lift tickets, or \$40 for bus, lift and rentals. Limit two tickets per apprentice. Tickets for alumni and staff will be available on Jan. 15, and additional tickets will be available on Jan. 22. Rental must be reserved from Ski World in Virginia Beach at least one week prior to trip. Rentals must be picked up the day before and returned after. Prices do not include meals. Visit [bit.ly/ASSAsnowshoe](http://bit.ly/ASSAsnowshoe) to purchase tickets. For more information, visit [apprenticestudents.com](http://apprenticestudents.com).

### FEBRUARY 17

The Apprentice School Student Association is hosting a ski trip to Wintergreen. The bus is leaving the Athletic Center at 4:30 a.m. The cost is \$25 for bus and lift tickets, or \$30 for bus, lift and rentals. Limit two tickets per apprentice. Alumni and staff tickets are available on Jan. 22, and additional tickets are available on Jan. 29. Reserve rentals from Ski World in Virginia Beach at least one week prior to trip. Rentals must be picked up the day before and returned after. No meals included in the price. Buy tickets at [bit.ly/ASSAwintergreen](http://bit.ly/ASSAwintergreen). For more information, visit [apprenticestudents.com](http://apprenticestudents.com).



HII President and CEO **Mike Petters** speaks during a L.E.A.R.N., SHIPs and STRIDE event on Dec. 6.

## Petters Speaks at End-of-Year Event

L.E.A.R.N. partnered with employee resource groups (ERGs) SHIPs Network and STRIDE for an end-of-year event on Dec. 6 with guest speaker **Mike Petters**, Huntington Ingalls Industries president and CEO. Approximately 200 shipbuilders were in attendance at VASCIC and via teleconference from the Kesselring site to hear the presentation and pose questions to Petters. After the presentation, shipbuilders had the opportunity to speak with Petters directly, network with coworkers and enjoy refreshments.

"I enjoyed having a chance to talk with **Mike Petters** and see his vision and direction for our company's future," said **Willie Clark** (X11).

For more information about L.E.A.R.N., SHIPs Network, STRIDE and other ERGs, visit the ERG SharePoint page. If you have topics for future L.E.A.R.N. events, please send an email to [LEARN@hii-nns.com](mailto:LEARN@hii-nns.com).

## SEEKING SHIPBUILDERS

Visit [www.buildyourcareer.com](http://www.buildyourcareer.com) to search for the latest NNS job openings.

Job Title	Req Number	Dept.	Location
Cost Estimating Analyst 3	17536BR	O19	Newport News
Cost Estimating Analyst 2	21262BR	O19	Newport News
Cost Estimating Analyst 2	21263BR	O19	Newport News
Cost Estimating Analyst 2	18957BR	O19	Newport News
Cost Estimating Analyst 3	21016BR	O19	Newport News
Rad Control Tech 3	19108BR	E91	KSO
Rad Control Tech 4	19109BR	E91	KSO
Rad Control Tech 2	19110BR	E91	KSO
Nurse Case Manager	21057BR	O24	Newport News

Employees are encouraged to use the "Current HII Employees" portal to apply. The company continues to offer cash bonus awards for referrals to select positions, visit [www.huntingtoningalls.com/careers/refer-a-friend](http://www.huntingtoningalls.com/careers/refer-a-friend) for more information.



**EMPLOYEE CLASSIFIEDS****AUDIO/VIDEO**

Beats Headphones - Powerbeats 3 wireless headphones. \$113. (757) 243-6073

Computer Repair - New build, repair, virus removal and operating system installation. \$95+ parts. (757) 329-6761

Samsung Gear Fit 2 - Smart watch with two chargers. Similar to Apple the watch but for Android. \$75. (757) 897-3246

Barnes and Noble Nook 7" Tablet - Can be used for internet, apps, or a reader. External SD slot. \$25. (757) 897-3246

**AUTO**

2011 CBR250r - 14k miles. Well kept. New spark plug, oil filter, air filter, battery and chain plus extras. \$2,000. (757) 869-7925

1990 Ford F-350 Diesel - White, dually, quad cab 4 door, 145,000 mi. No rips in leather bench seats. \$4,000. (816) 824-0660

1983 Mustang GT - T-top roller. No rust, complete interior. No motor or tranny. (757) 749-3146

2012 Harley Fatboy - With bags and windshield. \$10,900. (757) 803-5226

2008 328i BMW - Convertible hardtop, heated leather seats, navigation and sport package. 73,700 miles. Garage kept. \$12,800. (757) 353-9825

**HOBBIES**

Men's Scorpion EXO-500 Ardent Full-Face Helmet - Never worn. Size small. \$90. (231) 250-6064

Womens Scorpion EXO 500 Dahlia 2 Helmet - Black/pink. Like new. Size XS. \$90. (231) 250-6064

*Hobbies cont.*

Men's Full Face Helmet - Large Icon full-face helmet. Black. Used. \$10. (231) 250-6064

Womens Riding Gloves - Scorpion EXO Fiore-Short Glove. Like new. Black with light pink stitching. SM/7. \$30 (231) 250-6064

Women's Riding Jacket - Joe Rocket mesh motorcycle jacket with waterproof removable liner. Like new. Light pink. XS. \$90. (231) 250-6064

Golf Bag - Brand new in box. RJ Sport CC490 Deluxe Cart Bag (black/red). \$65 OBO. (757) 503-5530

1:1 Guitar Classes - Midtown NN. Flexible scheduling. Read/play std notation, chords/theory. Call/txt rates, class times. (757) 528-7017

Pool Table - 7-foot Little Jewel from Long's Billiards. Excellent condition. \$1,100 OBO. (757) 327-6105

**FURNISHINGS & APPLIANCES**

Carpet Installation and Repair - Call for an appointment and quote. (757) 329-6761

Washer and Dryer - \$200 each OBO. (757) 594-5068

Portable Alum Wheelchair Ramp - Weights 60 lbs., supports up to 600 lbs. Fits vans, SUVs, porch and slab homes. \$340. (757) 688-0446

Wood Stove - Large Kraft Wood Stove insert with blower. In excellent condition. Call for price. (757) 630-6042

Futon - Excellent condition, light color with wooden sides. Can text pic. \$40. (757) 238-5244

Three Bar Stools - \$50. (757) 291-9739

Toddler bed - Purple toddler bed with mattress and two fitted sheets. \$40. (757) 291-9739

Refrigerator - 28 cubic ft side-by-side refrigerator. Call or text for details. (757) 291-9739

**REAL ESTATE**

Room for Rent - Near Patrick Henry Mall. Quiet neighborhood. \$500/month w/utilities and free Wi-Fi. (757) 303-8123

OBX Rental - Mile Post 11, 3 bdrms, 2 baths. Between highways; walk to beach, restaurants, Dowdy Park. (757) 681-7532

Real Estate Wanted - We buy homes "as-is." Text (757) 656-6373

Land for Sale - 3 lots, 10 acres each. Septic approved. In Gates, N.C., just across state line. Buy before we timber. (757) 334-5526

Room For Rent - All utilities included. Close to shipyard. Clean home. \$125/week. (757) 298-1043

Lots For Sale - Two 1/2 acre lots for sale on tidal canal in Gloucester. (757) 641-4994

**MISCELLANEOUS**

Split Firewood for Sale - Hardwood. 1/2 cord \$95. Full cord \$180. (757) 715-5460

Delicious custom cakes for all occasions. Call or text Miss-E. Leave voicemail if no answer. (757) 358-0092

Pest Terminator - Free inspections. Expert pest, termite, moisture control, under house repairs and poly installation. (757) 873-4999

Garden Tiller - Home garden tiller front tine 5hp. \$200 OBO. (757) 218-9331

House Cleaning - Let me clean your house after the holidays. Licensed and Insured. Free quote. (254) 368-8320

Quality Custom Wood Working - We can build any custom wood working needs with competitive pricing. (757) 660-9628

*Miscellaneous cont.*

VCR Movies - Who still owns a VCR? I have over 50 or more VCR movies for whoever wants them. (757) 876-0032

Deer Gimbles - Handmade. 5/8" wrought iron, welded and machined ends. \$20 each. (757) 630-6462

Vintage Magazines - Time Magazines & National Geographics for sale. 1930s - 1970s. WWII issues and celebrities. (757) 334-5384

Personal Training - New Year's training specials. Fulfill those resolutions. (757) 560-0901

Bowflex Tread Climber - Lose weight and build strong knees and legs. Like new. Pics available. \$350. (757) 690-6999

**WANTED**

Ride Share Wanted - Kecoughtan - Want someone with monthly parking pass. (813) 418-2784

Van to NNS - Commuter van from Va. Beach to NNS daily 1st shift. We leave Diamond Springs Rd. Text VAN RIDE to Mack. (757) 450-6740

Vanpool riders - Van comes through King William, West Point, New Kent and Norge/Toano commuter lot. (540) 907-5811

Toyota Land Cruiser - Looking for a Toyota Land Cruiser. Let me know what you've got. Text (757) 508-7997

**PETS**

Olde English Bulldogge Pups - Olde English bulldogge pups loeba reg tails docked wormed and 2 sets of shots. Great family dogs. (757) 969-2447