

**BRYAN MOORE, COMMUNICATIONS DIVISION**

USING THE PAST TO BUILD THE FUTURE. I'M BRYAN MOORE AND THIS IS FOCUS NNS. TECHNOLOGY, DIGITAL SHIPBUILDING, 3-D PRINTING, LASER SCANNING; THESE ARE ALL WORDS WE'RE HEARING QUITE A LOT OF LATELY AS NEWPORT NEWS SHIPBUILDING LOOKS TO THE FUTURE. WE'LL SHOW YOU HOW THE PAST IS HELPING US MOVE FORWARD. PLUS: THE HII HEALTH CENTER HOLDS AN OPEN HOUSE, WE'LL TAKE YOU INSIDE AND SHOW YOU WHAT IT HAS TO OFFER. AND OLYMPIC GOLD MEDALISTS CREATE QUITE A STIR AS WE CUT THE STEEL FOR CVN 80. ALL THAT AND MORE IS COMING UP BUT FIRST ON DECK: THE TUGBOAT DOROTHY IS THE FIRST HULL EVER BUILT BY NEWPORT NEWS SHIPBUILDING. IT'S A HISTORIC PART OF THE LANDSCAPE AND ITS TAKING US INTO THE FUTURE. THE NEWEST MEMBER OF THE FOCUS NNS TEAM LENA WALLACE JOINS US NOW WITH MORE ON HOW A 19TH CENTURY SHIP IS BRINGING US IN TO THE 21ST CENTURY.

**LENA WALLACE, COMMUNICATIONS DIVISION**

SHIPBUILDERS, YOU PASS BY HER EVERY SINGLE DAY RIGHT OUTSIDE THE GATES. THE TUGBOAT DOROTHY, THE FIRST SHIP BUILT AND DELIVERED RIGHT HERE AT NEWPORT NEWS SHIPBUILDING. NOW, THE OLD TUG IS IN FOR NEW CUTTING EDGE TECHNOLOGY: LASER SCANNING.

**SEAN HARRIS, DESIGNER**

IT'S A 126-YEAR OLD SHIP AND TO TAKE HULL ONE OF NEWPORT NEWS SHIPBUILDING AND, YOU KNOW, THE DAY THE DOROTHY WENT DIGITAL IS, KIND OF, I SEE IT AS ADVERTISEMENT AS, YOU KNOW, WHAT WE CAN USE FOR DEMONSTRATING LASER SCANNING TECHNOLOGY.

**LENA WALLACE**

THE DOROTHY IS BEING USED AS A LEARNING TOOL AS SHIPBUILDERS STUDY AND PUT TO USE NEW TECHNOLOGIES IN SHIPBUILDING.

**PAUL HAMOR, DESIGNER**

WE USED TO SEND BOXES AND BOXES FULL OF DRAWINGS OUT TO THE SHIP. NOW, WE DON'T HAVE TO.

**LENA WALLACE**

THAT'S BECAUSE DRAWINGS ARE BEING REPLACED BY DIGITAL TECHNOLOGY. THESE SCANS WILL HELP SHIPBUILDERS TAKE SHIP MEASUREMENTS. CHECK OUT THE DOROTHY IN 3-D. TO GET THE IMAGE, DESIGNERS PLACE A SCANNER ONBOARD. IT THEN SHOOTS A LASER ONTO A MIRROR ROTATING 360 DEGREES. THE LASER HITS A POINT AND RETURNS AND IT JUST KEEPS CAPTURING ALL THOSE POINTS AS

IT SPINS. THE SCANNER ACTS LIKE A CAMERA, CAPTURING THE IMAGES. THEY ARE THEN DOWNLOADED TO A LAPTOP. DESIGNERS AND ENGINEERS REVIEW THE IMAGES.

### **PAUL HAMOR**

WE'RE CONSTANTLY LOOKING AT NEW TECHNOLOGY AND THINGS THAT WE CAN BRING TO HELP US DO OUR JOBS FASTER AND BETTER. DESIGNERS SAY IT'S AN EXCITING TIME AT THE SHIPYARD. IT'S KIND OF LIKE THE MASCOT FOR THE SHIPYARD, YOU KNOW? TO BE ABLE TO GET ON AND TAKE A LOOK AT IT AND TO DO SOMETHING LIKE THIS WITH IT, TO HELP PRESERVE IT, THAT'S PRETTY COOL. I'M ENJOYING IT QUITE A BIT.

### **LENA WALLACE**

THE DOROTHY IS SERVING AS GREAT PRACTICE FOR SHIPBUILDERS USING LASER SCANNING TECHNOLOGY INSIDE THE GATES AS WELL: ON AIRCRAFT CARRIERS AND SUBMARINES. FOR FOCUS NNS, I'M LENA WALLACE, BACK TO YOU BRYAN.

### **BRYAN MOORE**

ALRIGHT, LENA, THANKS SO MUCH, GREAT JOB AND WELCOME ABOARD. NOW, LET'S TAKE A LOOK AT SOME OTHER NEWS FROM AROUND THE YARD. 126 NEWPORT NEWS SHIPBUILDERS ARE HONORED FOR THEIR EXTRAORDINARY ACHIEVEMENTS AT THE 2017 PRESIDENT'S MODEL OF EXCELLENCE AWARDS. THE EVENT WAS HELD SEPTEMBER 21<sup>ST</sup>. THE MOE IS THE SHIPYARD'S HIGHEST HONOR AND RECOGNIZES TEAMS AND INDIVIDUALS WHO HAVE MADE EXTRAORDINARY CONTRIBUTIONS TO NEWPORT NEWS SHIPBUILDING. COMPANY PRESIDENT JENNIFER BOYKIN CONGRATULATED THIS YEAR'S HONOREES FOR DISTINGUISHING THEMSELVES AMONG THE MORE THAN 20,000 EMPLOYEES.

### **SEAN POTTER, 2017 MODEL OF EXCELLENCE AWARD WINNER**

IT'S MOTIVATION. BECAUSE, IF I CAN DO IT, OR WE CAN DO IT, THOSE OF US WHO CAME TOGETHER. THERE'S SO MANY DIFFERENT IDEAS AND SO MANY CREATIVE JUICES FLOWING, THEY MAY NOT KNOW, YOU KNOW, HOW TO DO IT. NOW THAT WE'RE HERE, WE HAVE THE WAY, WE CAN SHOW YOU THE WAY.

### **BRYAN MOORE**

YOU CAN SEE MORE OF THE CEREMONY, AND THE AWARD RECIPIENTS AND VIDEOS, FEATURED ON THE NEWPORT NEWS SHIPBUILDING WEBSITE AND ON THE NNS APP.

NEWPORT NEWS SHIPBUILDING PRESIDENT JENNIFER BOYKIN HAS A NEW FACEBOOK PAGE TO HELP HER COMMUNICATE WITH SHIPBUILDERS. SHE'S USING THE SOCIAL MEDIA PLATFORM AS A WAY TO

SHARE THOUGHTS, HIGHLIGHT SHIPBUILDERS AND PROVIDE INFORMATION ABOUT THE SHIPBUILDING BUSINESS. SHIPBUILDERS CAN GO TO HER PAGE AND FOLLOW HER TO SHARE THOUGHTS AND IDEAS. JUST SEARCH "NNS PRESIDENT" ON FACEBOOK TO FIND AND LIKE HER PAGE.

MORE EMPLOYEES CAN NOW TAKE ADVANTAGE OF THE HUNTINGTON INGALLS FAMILY HEALTH CENTER. THAT INCLUDES BOTH SALARIED AND NOW HOURLY WORKERS AT NEWPORT NEWS SHIPBUILDING COVERED BY ANTHEM BLUE CROSS/BLUE SHIELD. AN OPEN HOUSE WAS HELD FOR SHIPBUILDERS IN SEPTEMBER, TO LEARN ABOUT THE SERVICES PROVIDED, INCLUDING X-RAY, LABORATORY, AND PHARMACY SERVICES. IT IS LOCATED ON WASHINGTON, AVE. ACROSS THE STREET FROM THE GATES.

#### **ANGELA WINNEGAN, SHIPBUILDER**

IT'S JUST A LITTLE WALK FROM THE GATES TO COME IN AND TO GET HELP, TO GET CHECKED IF SOMETHING IS WRONG INSTEAD OF HAVING TO GO TO YOUR DOCTOR. WHEN YOU CAN DO EVERYTHING: YOUR X-RAYS, BLOOD CHECK, ANYTHING. I THINK IT'S VERY WONDERFUL. COST FOR CARE IS \$15 PER PERSON, PER VISIT WITH NO COST FOR WELLNESS COUNSELING OR ANNUAL PHYSICALS. MEDICAL CARE IS PRIVATE AND PROTECTED. HUNTINGTON INGALLS INDUSTRIES DOES NOT HAVE ACCESS TO ANY PRIVATE MEDICAL RECORDS. THE CENTER IS OPEN MONDAY THROUGH FRIDAY, 7 A.M. TO 6 P.M. AND SATURDAYS FROM 8 A.M. TO NOON.

WELL, THE AIRCRAFT CARRIER FORD IS DELIVERED, THE KENNEDY IS WELL UNDER CONSTRUCTION AND CVN 80, THE NEXT ENTERPRISE, IS ALSO MARKING A MILESTONE. THE FIRST CUT OF STEEL CEREMONY WAS HELD IN AUGUST AND IF THAT WASN'T EXCITING ENOUGH, AARON PRITCHETT WITH OUR COMMUNICATIONS DIVISION TELLS US THE SPONSORS WERE ALSO CREATING QUITE A BIT OF EXCITEMENT AS WELL.

#### **AARON PRITCHETT, COMMUNICATIONS**

WELL, IT'S NOT SOMETHING YOU SEE EVERY DAY: TWO OLYMPIC GOLD MEDALISTS: SWIMMER KATIE LEDECKY AND GYMNAST SIMONE BILES AT NEWPORT NEWS SHIPBUILDING. AS THEY BEGAN THEIR JOURNEY AS THE NEXT SHIP'S SPONSORS OF THE NEWEST AIRCRAFT CARRIER, ENTERPRISE (CVN 80). AND ALTHOUGH IT WAS YET ANOTHER OPPORTUNITY OF A LIFETIME FOR THEM, THEIR PRESENCE AND GENEROSITY DEFINITELY MADE A LASTING IMPRESSION ON SHIPBUILDERS AND THEIR FAMILIES FOR YEARS TO COME.

#### **TIFFANY JOHNSON, PROJECT MANAGEMENT ANALYST**

IT IS AMAZING. AT THE SHIPYARD WE BUILD AIRCRAFT CARRIERS FOR OUR FELLOW AMERICANS. WHAT BETTER WAY TO HAVE TWO OLYMPIANS TAKE AN ACTIVE INTEREST IN WHAT WE DO DAILY AND WANT TO COME TO THE SHIPYARD TO SEE EXACTLY HOW WE BUILD OUR GREAT SHIPS AND KICK OFF THE CONSTRUCTION OF CVN 80. IT CAN'T GET MORE AMERICAN THAN THAT.

**KATIE LEDECKY & SIMONE BILES, OLYMPIC GOLD MEDALISTS AND ENTERPRISE (CVN 80) SHIP'S SPONSORS**

ALRIGHT, EVERYONE COUNT DOWN WITH US: 3, 2, 1! CUT THAT STEEL!

**AARON PRITCHETT**

AND WITH THAT, THE LIFE OF THE NEXT ENTERPRISE (CVN 80) BEGINS. AND WITH ALL OF THE EXCITEMENT THAT SURROUNDS AN EVENT LIKE THIS, SHIP'S SPONSORS AND OLYMPIC GOLD MEDALISTS SIMONE BILES AND KATIE LEDECKY TOOK THE TIME TO MEET, GREET AND TAKE PICTURES WITH SHIPBUILDERS, THEIR FAMILIES AND, MORE IMPORTANTLY, THEIR KIDS.

**JAYDEN MILLER & TAYLOR JENKINS, CHILDREN OF SHIPBUILDERS**

WHOA. THAT WAS COOL! I THINK SIMONE, SHE'S LIKE ONE OF THE BEST GYMNASTS. KATIE LEDECKY WAS THE BEST SWIMMER.

**ANNA MCDANIEL, SHEET METAL MECHANIC**

IT MEANT A LOT BECAUSE MY DAUGHTER IS A SWIMMER AND IT'S SOMETHING THAT SHE LOVES. SO, SEEING KATIE LEDECKY ON TV AND THEN COMING HERE - IT JUST MADE A HUGE DIFFERENCE, I THINK, WITH HER, JUST TO BE ABLE TO SEE THAT.

**AARON PRITCHETT**

IN AN EFFORT TO GET THEM MORE FAMILIARIZED WITH BECOMING A SHIP'S SPONSOR, NEWPORT NEWS SHIPBUILDING TOOK THE LEDECKY AND BILES FAMILIES ON A TOUR OF THE SHIPYARD, TO GIVE THEM AN UP-CLOSE AND PERSONAL LOOK AT THE LIFE OF AN AIRCRAFT CARRIER. FROM THE FIRST CEREMONIAL PLATE OF STEEL TO DRY DOCK 12 TO SEE THE PROGRESS AND CONSTRUCTION OF JOHN F. KENNEDY (CVN 79) TO THE RARE OPPORTUNITY TO STAND BENEATH THE USS GEORGE WASHINGTON (CVN 73), CURRENTLY IN DRY DOCK FOR ITS REFUELING AND COMPLEX OVERHAUL. AND, FINALLY, TO STAND ON THE FLIGHT DECK OF THE LEGEND, AND ORIGINAL BIG E, THE DECOMMISSIONED USS ENTERPRISE (CVN 65).

**SIMONE BILES**

I MEAN, I THINK IT'S AMAZING BECAUSE WE'VE HEARD THE MILLIONS OF HOURS THEY PUT IN TO IT AND IT'S NOT AN EASY JOB AND THERE ARE A SELECT FEW AMERICANS THAT CAN TAKE ON A JOB THIS BIG, SO WE'RE JUST HONORED.

**KATIE LEDECKY**

YEAH, I NEVER WOULD HAVE IMAGINED TO HAVE THIS OPPORTUNITY, AND JUST TO HAVE THE OPPORTUNITY TO LEARN SO MUCH ABOUT THIS AND TO THANK THOSE THAT SERVE OUR COUNTRY. WE WOULDN'T BE ABLE TO COMPETE WITHOUT THEM AND SO TO KIND OF GIVE BACK IS A TREMENDOUS HONOR.

**BRANDON DOSS, FOREMAN**

FOR SOMEONE TO TAKE THAT MUCH TIME OUT OF THEIR DAY, FOR THEM TO BE TRAINING LIKE THEY DO, FOR THEM TO BE ABLE TO COME HERE, TOUR THE SHIPYARD, SEE WHAT WE DO EVERY DAY, COME DOWN HERE IN THE ELEMENTS, SEE IT COME TO LIFE FROM THE GROUND UP. IT'S VERY SPECIAL.

**AARON PRITCHETT**

THE NAME ENTERPRISE HAS A DEEP CONNECTION TO THE SHIPBUILDERS, THE NAVY AND THE PUBLIC ALIKE. AND THESE SHIP'S SPONSORS WILL HELP SET THE TONE ON WHAT'S TO COME AS THE NEW ENTERPRISE (CVN 80) COMES TO LIFE. FOR FOCUS NNS, I'M AARON PRITCHETT, BACK TO YOU BRYAN.

**BRYAN MOORE**

EXCITING TIMES AND WE EXPECT TO SEE A LOT MORE OF KATIE AND SIMONE AS CONSTRUCTION OF ENTERPRISE (CVN 80) CONTINUES. WELL, THAT'S GOING TO DO IT FOR THIS EDITION OF FOCUS NNS. BE SURE TO CHECK OUT ALL OF THE LATEST NEWS IN OUR WEEKLY PUBLICATION CURRENTS AND ON OUR SOCIAL MEDIA PLATFORMS. PLUS, DON'T MISS OUT ON TIMELY AND IMPORTANT INFORMATION BY DOWNLOADING OUR FREE APP: NNS TO GO. IT'S AVAILABLE IN THE GOOGLE AND APPLE STORES ON YOUR SMARTPHONE AND TABLETS. PLUS, CHECK US OUT ON COX CABLE, CHANNEL 1886. AND IF YOU HAVE QUESTIONS OR COMMENTS OR STORY IDEAS FOR FOCUS NNS, EMAIL US AT [FOCUSNNS@HII-NNS.COM](mailto:FOCUSNNS@HII-NNS.COM). THANKS SO MUCH FOR WATCHING. I'M BRYAN MOORE.