

Currents

Please post or route

November 24 – 28, 2003

UPCOMING EVENTS

December 1

Florida Institute of Technology will visit the shipyard from 2:30 p.m. to 5 p.m. at building 500 in the second floor conference room to register and advise students for the winter semester.

December 3

Strayer University will visit the shipyard in building 500 on the second floor from 2:30 p.m. to 5 p.m. for open registration.

December 8

Red Cross Bloodmobile
Building 600
8 a.m. to 11 a.m.
Appointments: Call 8-8939

December 9

Red Cross Bloodmobile
Building 902
8 a.m. to 11 a.m.
Appointments: Call 8-4792 or
8-0308.

December 12

Apprentice School men's and women's basketball.
Apprentice School gym.
Women play at 5 p.m.
Men play at 7:30 p.m.

December 18

Red Cross Bloodmobile
Building 103
7:30 a.m. – 1:30 p.m.
Appointments: Call 8-9191, select option 9. Questions: Call 0-3011.

Currents is a weekly publication for employees of

NORTHROP GRUMMAN
Newport News

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✿ United Way campaign celebration

At a Peninsula United Way campaign celebration on November 20, Ty Joubert, president of the United Way of the Virginia Peninsula, thanked both **Mike Petters** and **Margaret Blackwell** for their efforts to help make this year's campaign a success. Petters is the vice president for Human Resources, Administration and Trades at Northrop Grumman Newport News and served as chairman of the 2003 United Way Peninsula campaign. Petters announced at the celebration that the organization raised more than \$7.25 million. As part of that, the shipyard raised about \$1.75 million. "He's been very generous with his time and resources," Joubert said about Petters. "I want to thank you for a job extremely well done." Blackwell is the shipyard's director of EEO/Diversity and Community Relations. "She was always there for us," Joubert said. Representatives from local businesses, including many shipyard employees, attended the celebration. Petters told the crowd that despite Hurricane Isabel and uncertain economic times, the campaign still received strong support. Petters said, "Words just don't capture the sense of appreciation I have."

Photo by Stu Gilman



Left to right: **Margaret Blackwell** and **Mike Petters**

✿ Local paper features employee volunteers who helped Mariners' Museum

Photo by Chris Oxley



Last week, the Daily Press featured the Northrop Grumman Newport News employees who provided X-ray services to Mariners' Museum archeologists to help identify about 12 small artifacts from the Civil War ironclad *USS Monitor*. The recovered artifacts included items such as a shoe, a valve handle, and a piece of the ship's hull. Some employees who helped with this effort were missing from the coverage. The team is

is pictured above in front of the X-ray machine. From left to right, they are: **Mike Bryant, Tom Jergenson, J.J. Bosco, Malcolm Mann, Ike Isenhour, Jack Adam, Gary Zimak** and **Bob Sunday**. **Mike Pauley** also volunteered but he is not pictured.

✿ Holiday Food Drive begins December 1

The Northrop Grumman Newport News Holiday Food Drive begins December 1 and runs through December 12. The Foodbank's wish list of items includes: canned products such as vegetables, chunky soups, fruits, sauces, gravies, fruit juices and packaged meals. Other items include baby food, sugar, flour, peanut butter, jelly and cake mixes. Drop off food donations at labeled boxes that will be placed inside buildings, warehouses, at piers, docks and trailers. To donate money, call Brenda Roth at 0-3011.



CURRENTS continued

✿ Northrop Grumman Newport News hosts first Northrop Grumman security conference



Northrop Grumman Newport News hosted the first Northrop Grumman Facility Security Officer conference at the Herbert H. Bateman Virginia Advanced Carrier Integration Center on November 18 and November 19. More than 100 people attended. Some of the topics discussed included crisis management, security clearances, conducting effective security investigations, international security and classified material handling. Workshops were held on these topics to help enhance the security professional's working knowledge of security processes within Northrop Grumman. Ed Halibozek, corporate director of Security, is pictured left giving the overview to the attendees. To the right is Rosalind Baybutt, the deputy director for Industrial Security with the Department of Defense. She gave the attendees an update on Industrial Security.



Photos by Chris Oxley

✿ Parking spaces available to some visitors of the Medical Clinic

Curbside parking near the front of the Clinic is minimal, largely limited to Department of Motor Vehicles (DMV) authorized handicapped parking and available only between 6 a.m. and 3 p.m. Since many employees who have business at the Clinic have limited mobility of a temporary nature, four parking spaces (21, 37, 116 and 117) in the 39th Street Oxygen Plant parking lot have recently been assigned to the Clinic. To assist employees who have a medically demonstrated temporary need and do not have DMV authorization for handicapped parking, Clinic staff will issue a **Handicapped Parking Permit** for use of the designated spaces **while medical services are being rendered in the Clinic**. This permit must be displayed on the vehicle dashboard when one of these spaces is used. Individuals using the spaces without a displayed permit will be towed at the owners expense. For more information, call Connie Robinson, Nursing Supervisor, 0-4458.

✿ Tuition reimbursement reminder

Employees requesting tuition reimbursement for classes ending before shutdown should submit tuition reimbursement forms along with itemized receipt/statement to the tuition reimbursement office (Building 500/2) without delay.

✿ Discounted Washington Wizards tickets for Northrop Grumman Newport News employees

Special discounted ticket nights to the Washington Wizards games are available to Northrop Grumman Newport News employees and their family and friends. Discounts are available for the following games:

- *Wizards vs. Miami Heat – December 26 at 7 p.m.
- *Wizards vs. Philadelphia Sixers – January 10 at 7 p.m.
- *Wizards vs. Seattle Supersonics – January 17 at 7 p.m.
- *Wizards vs. Indiana Pacers – January 24 at 7 p.m.

See more details about this, including prices, on the home page of Yardnet.



✿ All ACFC Football team announces seven Builders to honor squad

The All-Atlantic Central Football Conference team was announced on November 19 and seven Apprentice School football players were named to the squad. Earning spots on the first team defense were **Rex Spakes**, **Fred Canady** and **Kelby Saunders**. Second team offense selections were linemen **Justin Lloyd** and **Jerald Butler**. Second team specialists were **Ricky Doles** at return and **Kyle Hemauer** at punter. For more information, please contact Sports Information Director Jim Heath at 8-4935.

CURRENTS

continued

Photos by John Whalen

✦ **Christening ceremony held for experimental submarine model**

The Submarine Technology Development department (E33) held a ceremony November 19 at the Herbert H. Bateman Virginia Advanced Shipbuilding and Carrier Integration Center to celebrate the christening of the Newport News Experimental Model 1, or NNemo 1 (Pronounced Nee-mo one). NNemo 1 is a scaled, autonomous, free-running model of the Northrop Grumman Newport News advanced hull form submarine concept. This revolutionary design includes an advanced shape to allow for a shorter but broader hull and a significant increase in payload capacity. The advanced hull form also allows for a twin propeller arrangement. The NNemo 1 design is based on innovative pressure hull technologies, structural materials, and electric propulsion systems developed at Northrop Grumman Newport News to operate and maneuver the submarine in shallower water. The NNemo 1 christening is a milestone event. Having a scaled model allows Northrop Grumman Newport News to better answer questions about advanced submarine design concepts. The NNemo 1 model will provide critical knowledge to ship designers who will help ensure that submarines of the future will remain safe for the crew while serving as highly-effective, war-fighting platforms. Maneuvering testing of NNemo 1 will take place at a Virginia lake in December. Data from the testing will help predict full-scale ship performance in turning, verify dynamic stability, and allow for the development of emergency recovery procedures. The Navy is interested in the Newport News advanced hull form concept, but additional data is needed, according to **Walt Floyd**, manager, Submarine Technology. That's why, Floyd says, Newport News made a commitment to pursue the development and construction of the NNemo 1 model using its own Independent Research and Development funding in 2003. NNemo 1 was built by Sias-Patterson, Inc. of Yorktown with technical oversight provided by Submarine Technology. In addition, Naval Surface Warfare Center – Carderock Division provided general design guidance. Northrop Grumman's Integrated Systems and Electronic Systems sectors also contributed to the project. Integrated Systems provided the navigation unit and Electronic Systems provided the rapid prototyping of the propellers and leading edge cusps. Key members of the Newport News project team responsible for developing NNemo 1 include: **Todd Sedler** (E33) project lead, **Tommy Huang** (E05), **James Huan** (E05), **Jim Underwood** (E42), **Tom Auth** (E42), **Jerry Bouchard** (E42), **Dean Royal** (E42), **Patrick Ryan** (E46), **A. J. McFerrin** (E48), **Don Hamadyk** (093), **Charlie Butler** (062), and **Walt Floyd** (E30).



Above: Gail Calhoun-Bell, administrative secretary in Submarine Technology and sponsor of the Newport News Experimental Model 1, breaks a bottle on the submarine model and pronounces, "I christen thee NNemo 1."

Below from left to right are Engineering Designer Tom Auth and Project Engineer Dean Royal who along with Engineering Designer Jerry Bouchard (not pictured) were key designers of NNemo 1.



From left: Walt Floyd, manager, Submarine Technology; Gail Calhoun-Bell, administrative secretary, Submarine Technology; Irwin Edenzon, vice president, Business & Technology Development; Charlie Butler, director, Submarine Engineering; Chris Vitarelli, program director for Virginia-class Construction and Advanced Submarine Programs.

