

## UPCOMING EVENTS

### November 10

Red Cross Bloodmobile  
Building 600 Parking Lot  
8 a.m. – 11 a.m.  
Appointments: call 8-8939.

### November 11

Bloodmobile  
Buildings 901, 902, 903, 905  
Building 902 Parking Lot  
8 a.m. – 11 a.m.  
Appointments: call 8-4792  
before 3:30 p.m. Nov. 10.

### November 20

Bloodmobile  
Mobile Unit East of Building 103  
7:30 a.m. – 1:30 p.m.  
Appointments: call 8-9191, select  
option 9  
Questions: Call 0-3011.

### November 25

DMV visit.  
9:30 a.m. – 3 p.m.  
Building 86 in an office behind the  
south lobby guard station.  
Services include: Driver's license  
renewals, reissuing driver's  
license because of address  
changes, making duplicate copies  
of driver's licenses that have  
been lost/stolen, providing written  
test for driver's license renewals,  
supplying driver transcripts and  
issuing handicap placards with  
doctor certification. Services will  
**NOT** include vehicle-related  
transactions such as vehicle  
registration. **No** DMV visit is  
scheduled for December. For  
more information, call Brenda  
Roth at 0-3011.

Currents is a weekly  
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**NORTHROP GRUMMAN**  
Newport News

Please send information for  
Currents to  
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## ✿ United Way campaign enrollment ends

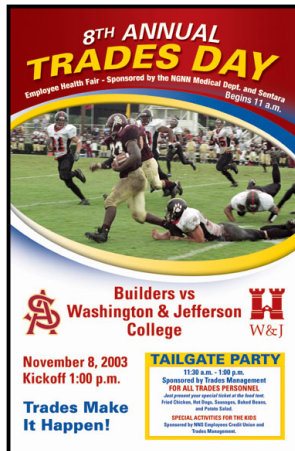
The United Way campaign ended last week. This year, the shipyard pledged to match 20 cents for each dollar shipyard employees contributed to the United Way of the Virginia Peninsula. Campaign results will be announced in the near future. Some departments organized activities to support the campaign. For example, O14 Office Services sponsored a food drive to benefit the Foodbank of the Virginia Peninsula. O14 United Way Coordinator, **Darlene Scott**, decided to undertake this effort after watching news stories on the effects of Hurricane Isabel on the local food bank. She received support from supervisors and other employees in the department to go forward with a food drive and 14 boxes of food were collected. Pictured to the right are a few employees who helped Scott with the O14 food drive, along with Brenda Roth of Community Relations who coordinated the shipyard's United Way campaign. From left to right are **Helen Nicholls** of O14, **Linda Taylor** of O47, **Darlene Scott** of O14, **Brenda Roth** of O18, and **Cleo Badgett** O14.



By John Whalen

## ✿ Trades Day

The eighth annual Trades Day will be held November 8. A tailgate party sponsored by Trades Management runs from **11:30 a.m. until 1 p.m.** for Trades Personnel. Trades employees presenting their special tickets at the food tent will get chicken, hot dogs, and other food. Builders will play Washington & Jefferson college at Apprentice Field. Kickoff is at 1 p.m. In addition, an employee health fair, sponsored by the Northrop Grumman Newport News Medical Department and Sentara, will start at 11 a.m.



## ✿ Employees elected to mechanical engineering society committee

The following Northrop Grumman Newport News employees have been elected to the Executive Committee of the Eastern Virginia Section of the American Society of Mechanical Engineers (AMSE): **Karen Poole**, chair; **Dana Goins**, vice chair; **Steven Parish**, treasurer; and **Steven Taylor**, secretary. The ASME International promotes the art, science, and practice of mechanical engineering. The mission of ASME International is to enhance the technical competency and professional well-being of its members, and through quality programs and activities in mechanical engineering, better enable its practitioners to contribute to the well-being of humankind.

## ✿ Bush keel-laying videos available in Communications

Visit the Communications office between 7:30 a.m. and 8 a.m. or 3:30 p.m. to 4 p.m. to check out a video of the *George H. W. Bush* keel-laying event held September 6. Call 0-3552 or 8-4962 with questions.



# *CURRENTS* continued

## ✿ ISO 9000 audit a success

The ISO 9000 audit that ABS Quality Evaluations conducted October 27 through 29 was a success. The audit resulted in no major findings. The ABS Quality Evaluations audit team focused almost exclusively on interviewing management personnel about the Quality Management System processes and their interface with those processes. The auditors were impressed with the continuous improvement activities in Engineering and Operations. Copies of the ABS-QE Audit Reports are available on the QA and QID sites on Yardnet under ISO 9000. The audit team will recommend continuation of the ISO certification.

## ✿ Universities to visit the shipyard

Strayer University will visit the shipyard on December 3 in building 500 on the second floor from 2:30 p.m. to 5 p.m. for open registration. On 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.



## *Florida Institute of Technology*

## ✿ Employees can view attendee availability information in Outlook calendars companywide

Shared Services Operations is pleased to announce that Newport News employees can now share and view 'Attendee Availability' information in the calendar feature of Microsoft Outlook. With this step complete, Mission Systems, Newport News, and Space Technology employees now all share similar calendar features in Microsoft Outlook. This means that users who set up meetings or teleconferences with colleagues from other parts of the company can now see the 'Attendee Availability' of Northrop Grumman employees in all sectors. This information is updated hourly. Likewise, Northrop Grumman employees in all sectors with Outlook capability can share and view 'attendee availability' information with employees at Mission Systems, Newport News, and Space Technology.

## ✿ Reminder: Shipyard employees to be featured on History Channel

Last spring several employees from Northrop Grumman Newport News were interviewed for an episode of the History Channel's series "Modern Marvels." The episode, called "Shipyards," will air November 5 at 10 p.m. on the History Channel and feature Northrop Grumman Newport News as one of the most modern shipyards in the world. The program will examine the history of shipyards and their evolution. Tune in to see the great people and great products of Newport News.



Crane Engineering Supervisor **Jennings Spease** is one of several Northrop Grumman Newport News employees who will be featured in the History Channel's "Modern Marvels" series.



The History Channel interviewed **Joe Sabol**, X10 Manufacturing Process Owner, (above right) as part of its "Shipyards" program. Sabol, pictured above in the Steel Production Facility, explained how a robotic welding machine works. The program will feature that machine.



**Bob Hickman** (back right), CVN 77 construction superintendent, talks with X36 Rigger Apprentice Instructor **Jim Blotter** as the History Channel rolls video at Dry Dock 12. Hickman will be featured in the "Shipyards" program Wednesday.

# *Currents* continued

## What's New at Northrop Grumman?

*Northrop Grumman Newport News is one of seven sectors of the Northrop Grumman Corporation. Currents will periodically provide a look at some of the recent top news at the other Northrop Grumman sectors.*

### ✦ **Electronic Systems**

#### GulfStream Aerospace Joins ACS Team

Gulfstream Aerospace, a unit of General Dynamics, has joined an Electronic Systems-led team in the competition to develop the Aerial Common Sensor (ACS), the next-generation intelligence, surveillance and reconnaissance system. Gulfstream will serve as the airframe provider and will offer its newest aircraft, the G450, as the ACS RC-20 platform. Gulfstream jets currently serve all four branches of the U.S. military as well as the U.S. Coast Guard. More Gulfstreams are performing military missions today worldwide than any other large-cabin business jet.

### ✦ **Information Technology**

#### IT System Will Support Military Personnel

The U.S. Navy has awarded a nine-year, \$281 million contract to Information Technology to develop a fully integrated personnel and pay capability for all military branches of the DoD. The Defense Integrated Military Human Resource System will support more than three million military personnel deployed globally and is one of the largest, most complex enterprise resource planning initiatives ever launched. It will be the single authoritative source of personnel information on individuals and units across the DoD regardless of military service affiliation.

### ✦ **Mission Systems**

#### New Contract To Help Protect U.S. Air Force Bases

Northrop Grumman Mission Systems was one of four companies awarded a five-year, \$498 million contract to provide advanced systems for protecting U.S. Air Force bases worldwide. The contract was awarded by the Air Force Electronic Systems Center at Hanscom Air Force Base, Mass. Mission Systems will provide an important line of defense for all critical assets—fixed, temporary or mobile—by way of electronic detection, alarm assessment, access control, communications, and command, control and display capabilities to support and give effective response.

### ✦ **Integrated Systems**

#### B-2 Demonstrates Enhanced Abilities

Integrated Systems and the U.S. Air Force have successfully demonstrated the operation of a new smart bomb rack assembly that increases the B-2 stealth bomber's capacity to deliver smart (GPS-guided) weapons by a factor of five. In a test last month, a B-2 stealth bomber successfully released 80 independently targeted guided weapons against 80 separate targets. The B-2 released the weapons in a single pass. The test marks the first time an aircraft has delivered this many guided independently targeted weapons at one time.

### ✦ **Ship Systems**

#### World Trade Center Steel Poured for LPD 21

Twenty-four tons of steel from the World Trade Center tragedy were superheated and poured into a casting mold to create the bow-stem—the foremost section of the hull on the water line that slices through the water—for New York (LPD 21) on Sept. 10 in Amite, La. LPD 21 is the fifth ship in the *San Antonio*-class of amphibious transport dock ships being built by Ship Systems.

### ✦ **Space Technology**

#### Sector to Develop Strategic Illuminator Laser

Space Technology will develop the Strategic Illuminator Laser for the Missile Defense Agency (MDA), providing a crucial component for systems such as the Airborne Laser and future space-based programs. The MDA chose Space Technology for Phase 2 of the next generation of illuminator laser under an \$18 million, 18-month contract managed by the U.S. Air Force. The laser is a four-kilowatt-class, solid-state, pulsed laser with excellent beam quality.