

## UPCOMING EVENTS

### 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.

### 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.

*Currents* is a weekly publication for employees of

**NORTHROP GRUMMAN**  
Newport News

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## Northrop Grumman employees help identify *USS Monitor* Artifacts

Northrop Grumman Newport News employees provided X-ray services to archeologists from the Mariners' Museum to help identify about 12 small artifacts from the Civil War ironclad *USS Monitor*. The recovered artifacts include items such as a valve handle, tread from the engine room ladder, and a piece of the ship's hull. The artifacts, which were covered in barnacles and other sea life, were X-rayed by shipyard employees with the company's linear accelerator high energy X-ray machine. Northrop Grumman Newport News is the only shipyard to own such a machine, which is normally used to inspect heavy metallic castings poured in the shipyard's foundry before they are used for ship construction. "We are happy to be part of this ongoing project with the museum," said **Ike Isenhour**, senior project engineer in Nondestructive Testing, who helped coordinate the X-ray efforts. "As shipbuilders, we take special pride in helping to preserve such an important part of naval history." Since 2000, Newport News employees have volunteered their help and expertise to the *Monitor* recovery project by off-loading artifacts at shipyard piers and docks, constructing conservation tanks, and performing topographical ultrasonic inspections and X-rays of recovered



Photos by Chris Oxley

## Linda Leukhardt speaks to shipyard's Progressive Club

Linda Leukhardt, (right) Northrop Grumman Newport News' vice president, Business Management and CFO, gave an overview of Northrop Grumman during a Progressive Club banquet held Saturday night. Leukhardt, the guest speaker at the banquet, provided an overview of the corporation's seven sectors and how each contributes to Northrop Grumman. Leukhardt is a member of the Progressive Club, which was founded in 1928 to promote social gatherings for its membership. The original members were waterfront supervisors. Today, however, the club is much more diverse, including members from many different divisions within the company and retirees. The club's goal remains the same – to promote good fellowship among shipbuilders.

## Great People

Below left to right: **Bob Sunday**, an X-ray operator from O38 Nondestructive Testing, **Gary Zimak** of O38 and **Jack Adam** of O39 Quality Inspection. Before X-raying the *Monitor* artifact, Sunday places steel numbers on the film holder for identification of the X-ray image.



items. The picture to the left includes shipyard employees who volunteered to help the Mariners' Museum by X-raying *Monitor* artifacts. Pictured from left to right are: **Jack Adam** of O39, **Ike Isenhour** of O38, **Bob Sunday** of O38, **Gary Zimak** of O38, **Anthony "TR" Randolph** of the Mariners' Museum, **J.J. Bosco** of O38, and **Curtiss Peterson** of the Mariners' Museum.



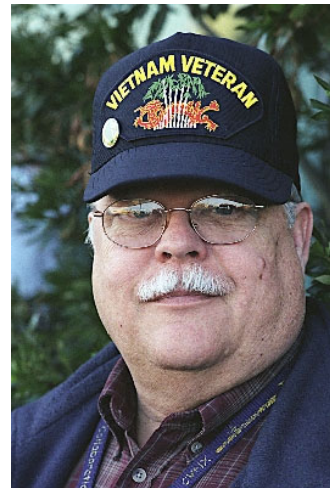
# CURRENTS

continued

## ✿ Shipyard commemorates Veterans Day

Photo by Chris Oxley

Northrop Grumman Newport News commemorated the 50th anniversary of Veterans Day on November 11 by sounding its whistle at 11 a.m. Employees were asked to take a moment to remember the men and women who have fought for the country's freedom. In addition, the company recognized employees who have served in the Armed Forces by encouraging veterans to wear to work symbols of their service such as hats or miniature ribbons. Among those employees who commemorated the day with such symbols were **Jimmy Fox** of X32 Sheetmetal (left) and **Bruce R. Humphrey** of E47 Systems Engineering (right).



*"I'm proud of the way I served our country as a soldier and proud to be a member of the Northrop Grumman family where I still have the chance to serve our country from a different perspective. Thanks, Northrop Grumman Newport News."* **Wilfredo Martinez-Cruz** (SFC/Army Retired) of E85 Radiological Control.

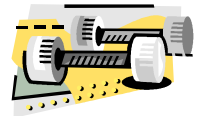
## ✿ Aqua parking lot being upgraded

On November 15, workers began to upgrade the aqua parking lot located at 47th and 48th streets, between Washington Avenue and Huntington Avenue. They are putting down new gravel, installing concrete parking bumpers and improving the layout of the parking lot for shipyard employees. The plan calls for half of the lot to be worked on this week and the rest to be worked on the week of December 1. This leaves half of the lot available for employees during the upgrading project. The new design will allow for more clearly defined parking spaces and access lanes.



## ✿ Fitness center discounts available to Northrop Grumman Newport News employees

Area fitness centers are offering discounts to Northrop Grumman Newport News employees. Some fitness centers offer discounts only through November 21, while others offer discounts throughout the year. Detailed information about the discounts is available on the home page of Yardnet. Click on "Fitness Center Discounts Available to Employees," which links to [http://yardnet/news/NN/031117\\_Fitness\\_Centers\\_Program2004.pdf](http://yardnet/news/NN/031117_Fitness_Centers_Program2004.pdf).



## ✿ Night school registration

Registration for the winter 2004 session of Night School is now underway. Classes are scheduled to run from January 12, 2004 through March 19, 2004. The application deadline is November 21, 2003. Bulletins may be obtained from the Night School Office, Bldg 14/2, most lobbies in B901, B902, B903, B160, B1744, B600, B500/2, B86, or the Welding School. Employees may also visit the Night School Web site on Yardnet to obtain a copy of the bulletin and an application: [http://yardnet/divisions/humres/O26/edurelat/night\\_schl.stm](http://yardnet/divisions/humres/O26/edurelat/night_schl.stm).



## ✿ Night School courses available for second-shift employees

The Night School is now offering several courses for second-shift employees. Register early to reserve a seat in the class. For additional information, please call the Night School Office on 688-8608.

## ✿ Reminder: Security Awareness Month

The Northrop Grumman Security Council designates each November as Security Awareness Month. J. Michael Hateley, corporate vice president and chief human resources and administrative officer, recently told employees that each person must take ownership of security to maintain a safe environment. He encouraged employees to visit the Security Web site for more information at <http://home.northgrum.com/security>.

# *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**

#### Division Earns Quality Supplier Award

Electronic Systems' Government Systems division has been awarded the U.S. Postal Service's (USPS) 2003 Quality Supplier Award for successfully implementing a host of productivity and quality enhancements to automated mail-sorter systems used at USPS facilities across the nation. Northrop Grumman received the award for exceptional performance on the Feeder Enhanced Destacking Retrofit, a modification to the company's Advanced Flats Sorting Machine.

### ✿ **Information Technology**

#### U.S. Army Awards Infrastructure Contract

The U.S. Army awarded Information Technology a contract to support an overhaul of nearly every aspect of the Army's information technology infrastructure. The Information Technology Enterprise Solutions-Enterprise Mission Support Services Solutions contract is worth a total maximum of \$500 million for its five contractors. Among the areas Northrop Grumman expects to contribute are program management, enterprise IT policy and planning, integration and consolidation, enterprise design, and information assurance and business process reengineering.

### ✿ **Mission Systems**

#### Mission Systems Supports NATO Visit

Applying innovative concepts to help visualize the future of situational awareness and decision-making, Mission Systems, as prime contractor at the Joint National Integration Center, provided key support to its customer during a meeting of NATO members at the Colorado Springs, Colo., facility Oct. 8. Mission Systems, in partnership with Applied Minds Inc. of Glendale, Calif., staged the production, supported development of several plausible scenarios, created multimedia products used for the vignettes and executed the complex logistics necessary to host the event.

### ✿ **Integrated Systems**

#### Global Hawk Completes Demonstration in Germany

EADS and Integrated Systems have successfully completed a series of demonstration flights of a U.S. Air Force RQ-4A Global Hawk high-altitude, long-endurance, unmanned aerial vehicle equipped with an EADS electronic intelligence (ELINT) sensor prototype. Conducted last month, the flights were the first in German airspace. Global Hawk provided a positive framework for the German Ministry of Defence to move forward on developing and producing a European variant of Global Hawk called Euro Hawk.

### ✿ **Ship Systems**

#### Navy Tests Newest Aegis System

The Navy successfully tested the seventh generation of the Aegis Weapon System (AWS) during two sea trials recently onboard the *Arleigh Burke*-class destroyer *Pinckney* (DDG 91), which is the 19th Aegis destroyer built at Ship Systems. During the trials, critical data was collected to assess the performance of the AWS, including its new SPY-1D(V) radar, in a live, at-sea environment. *Pinckney* was delivered to the U.S. Navy on Oct. 27. The crew will move aboard the ship in early January and she will be commissioned in Port Hueneme, Calif., in May 2004.

### ✿ **Space Technology**

#### Sector Completes New Department of Defense-certified Facility

Space Technology has begun integration and testing of an engineering model payload for the DoD's next-generation Advanced Extremely High Frequency (EHF) communications satellite system at a new DoD-certified facility in Redondo Beach, Calif. Northrop Grumman will deliver the Advanced EHF payloads to the system prime contractor, Lockheed Martin Space Systems. Lockheed Martin is currently under contract to provide the first two Advanced EHF satellites and command control system. While approximately 40 employees are currently working at the facility, plans call for as many as 200 employees in 2005.