Electric Boat Delivers Submarine Hawaii To U.S. Navy

Electric Boat Dec. 22 delivered the Hawaii (SSN-776), the nation’s newest and most advanced nuclear-powered attack submarine, to the U.S. Navy ahead of schedule.

At a brief shipyard ceremony, Electric Boat President John Casey said Hawaii’s early delivery has important implications for the future of the Virginia-class program.

“We are improving our cost performance in this program significantly. Hawaii has been built for about 2 million hours less than Virginia, the last submarine of this class delivered from this shipyard,” he said. “The more efficiently we produce submarines such as Hawaii, the better we can support the Navy’s goal of building two ships per year. A ttaining that

continued on page 3
Electric Boat and employees receive excellence award from local United Way

At the United Way of Southeastern Connecticut’s recent Victory Celebration, Electric Boat representatives Wayne Burgess (MDA-UAW), left; Ken DelaCruz (MTC), second from right; and Bob Nardone (EB management), right; present 2006 United Way Campaign Chair Bill Hakkinen with a check for $1,256,535. The total includes $946,535 contributed by Groton employees through the Community Services Association (CSA), and $300,000 donated by the company. In recognition of the contributions made by employees, the United Way presented the company and the CSA with the Chairman’s Award of Excellence for the fourth time in five years.

Electric Boat-Sponsored Scholar Reports In

In 2005, Electric Boat donated $10,000 to the Dolphin Scholarship Foundation, an organization that supports children of current and former submariners.

Recently, EB President John Casey received the following letter from the young woman named the General Dynamics Electric Boat Scholar by the foundation.

Dear Mr. Casey,

My name is Stephanie Whitson, and I was named the General Dynamics Electric Boat Scholar by the Dolphin Scholarship Foundation this year (2006). I would like to take the time to tell you a little about myself and to thank you for your contribution to the foundation.

I am currently a student at Clemson University studying to be a chemical engineer. I am in the Calhoun Honors College here at the university, and through that I have already participated in an undergraduate research program called EUREKA! In that program, I spent five weeks during the summer working on a research project in the horticulture department. My partner and I are looking to publish our results in a national journal sometime this year. I plan to actively pursue more research opportunities throughout the rest of my college education. I am currently involved in the Clemson Sailing Club, and may also become involved in some of the theater programs they offer as well.

I am currently taking classes for my bachelor’s degree, and plan to continue on to graduate school to obtain at least my master’s. After I am finished with school, I hope to start a career working in research and development. I have yet to decide which specific field I want to enter, but it is something I am contemplating deeply. Thank you so much for supporting the Dolphin Scholarship Foundation and providing both myself and other students with the means to achieve the education of which they dream.

With much appreciation,

Stephanie Whitson
A Piece of Cake

Cmdr. David Solms, center, commanding officer of Hawaii, and John Sedor, right, ship's manager, cut a cake baked to celebrate the early delivery of the submarine. To the left is EB President John Casey. To the right of the cake is the key to the ship Sedor presented to Solms.

continued from page 1

objective will benefit our company, our employees and the Navy, and help ensure our nation's undersea superiority.”

Hawaii is the third ship of the Virginia class, the Navy's first major combatant ships designed with the post-Cold War security environment in mind. Approved nearly four years after the fall of the Berlin Wall, Virginia-class submarines embody warfighting and operational capabilities required to dominate the littorals while maintaining undersea dominance in the open ocean.

“Like its sister ships, Hawaii has been designed specifically to incorporate emergent technologies that will provide new capabilities to meet new threats,” Casey said. “This enables the Virginia class to make unique and significant contributions to national security well into the decades ahead,” he said.

Electric Boat and Northrop Grumman Newport News have received contracts to build the first 10 submarines of a planned 30-ship Virginia class under a teaming agreement that splits the construction workload between the two shipyards.

Ships of the class

USS Virginia (SSN-774) – delivered by General Dynamics Electric Boat

USS Texas (SSN-775) – delivered by Northrop Grumman Newport News

Hawaii (SSN-776) – delivered by General Dynamics Electric Boat

To be delivered by Electric Boat:

New Hampshire (SSN-778)

To be delivered by Northrop Grumman Newport News:

North Carolina (SSN-777)

New Mexico (SSN-779)

The four other ships under contract have not yet been named.
The U.S. Navy has awarded a $208 million contract option to a Bath Iron Works-led team for construction of a second Littoral Combat Ship (LCS) featuring an innovative, high-speed trimaran hull. The 127-meter surface combatant ship, equipped with open architecture-based combat systems and computing environment, is scheduled for delivery to the Navy in July 2009. The original contract was awarded in July 2003.

The Littoral Combat Ship is a key element of the Navy’s plan to address asymmetric threats of the twenty-first century. Intended to operate in coastal areas of the globe, the ship will be fast, highly maneuverable and geared to supporting mine detection/elimination, anti-submarine warfare and anti-surface warfare, particularly against small surface craft.

The General Dynamics Littoral Combat Ship will have one of the largest usable payload volumes per ton of ship displacement of any U.S. Navy surface combatant afloat today – providing the flexibility to carry out one mission while a separate mission module is in reserve. The General Dynamics LCS’s large flight deck sits higher above the water than any U.S. Navy surface combatant and will support near-simultaneous operation of two SH-60 helicopters or multiple unmanned vehicles. The ultra-stable trimaran hull allows for flight operations in high sea conditions. In addition, the deck is suitable for landing the much-larger H-53 helicopters, should that become a future requirement.

The General Dynamics Littoral Combat Ship design is based on a proven Austal (Henderson, Australia) high-speed trimaran hull that is currently operating at sea. The first trimaran LCS, Independence (LCS-2), is under construction at Austal USA in Mobile, Ala.

The General Dynamics Littoral Combat Ship’s open architecture computing environment – another key factor in meeting the U.S. Navy’s requirements for a flexible, multimission ship – enables industry’s most capable, affordable, non-proprietary solutions to be incorporated into the ship’s core mission system. This computing environment, developed by the General Dynamics Advanced Information Systems team, provides a highly flexible information technology backbone that allows “plug and play” integration of both the core systems and the LCS mission modules.

Bath Iron Works is the prime contractor for the General Dynamics Littoral Combat Ship Team. Partners include Austal USA (Mobile, Ala.); BAE Systems (Rockville, Md.); General Dynamics Advanced Information Systems (Fairfax, Va.); L3 Communications Maritime Systems (Leesburg, Va.); Maritime Applied Physics Corporation (Baltimore, Md.); and Northrop Grumman Electronic Systems (Baltimore, Md.).

The General Dynamics Supply Chain Management Council recently honored two Electric Boat employees for their cost-savings initiatives. Material planner Erin Joyce and purchasing agent Darcy Peruzotti, both of Dept. 330, received excellence awards for their contributions to the EB SPA R S e-Commerce system. This initiative uses up-to-date technology to enable cost-effective, cross-functional communication and exchange of information among suppliers, internal and external customers, and teaming partners.

The Supply Chain Management Council was established to leverage the purchasing power of General Dynamics and its business units. Last year, more than $100 million in savings was achieved through corporate-wide agreements involving the business units.
EB Receives $1.3 Billion Contract Modification For Virginia-class Submarine Procurement

The U.S. Navy has awarded Electric Boat a $1.3 billion contract modification that provides funding for the construction of the ninth Virginia-class submarine (SSN-782) and advance procurement for the 10th ship of the class.

The award modifies an August 2003 contract for the construction of six Virginia-class submarines at a rate of one per year from FY 03 through FY 08; the total value of the contract is $8.4 billion. In all, Electric Boat and its construction teammate, Northrop Grumman, have received contracts to build 10 ships of the class.

The contract modification provides $1.1 billion for construction of SSN-782; and $175.2 million in advance procurement for SSN-783.

Navy Awards Electric Boat $51 Million For Sub Maintenance and Modernization Work

Electric Boat has received a $50.7 million U.S. Navy contract to perform routine maintenance and modernization work on the USS Albany (SSN-753), a Los Angeles-class attack submarine.

Under the terms of the contract, Electric Boat will perform a Dry Dock Selected Restricted Availability, which consists of repairs, maintenance work, alterations and several major systems upgrades. The work will take place at the Norfolk Naval Shipyard between Jan. 9 and May 30 and involve about 350 employees at its peak.

Electric Boat Gets $42.8 Million For Submarine Support Work

The U.S. Navy has awarded Electric Boat a $42.8 million contract modification for planning yard work, engineering and technical support for nuclear submarines.

The contract calls for Electric Boat to provide support for submarine design/configuration change programs as well as submarine research, development, test and evaluation. Initially awarded in March 2004, the contract could be worth more than $1.1 billion over five years if all options are exercised and funded.

Work performed under this modification is expected to be completed by December 2009.

USS Texas Work Is Worth $10M

Electric Boat has landed a $9.7 million contract modification to incorporate ship alterations on USS Texas (SSN-775), the second Virginia-class attack submarine.

The work will be performed at Electric Boat’s shipyard here during the post-shakedown availability for Texas and is scheduled to be completed by February 2008.
Navy Secretary Recognizes SSGN Environmental And Safety Program

An Electric Boat life-cycle engineering team has been recognized by the U.S. Navy for its role in developing an integrated environmental, safety and occupational health program for the SSGN conversion program.

The Electric Boat group was part of a larger team that included representatives from the Naval Undersea Warfare Center in Newport and the Strategic Systems Program.

The overall team was singled out for special recognition by Secretary of the Navy Donald C. Winter, who said the integrated product team distinguished itself with the early identification, elimination and control of system safety hazards and environmental issues associated with the SSGN conversion program. Additionally, the team has been nominated for the Department of Defense’s David Packard Excellence in Acquisition Award.

Specifically, the team was cited for the following accomplishments:

- Making safety the responsibility of the design/build teams to ensure that the appropriate expertise was applied.
- Integrating experienced safety and environmental engineers into the design/build teams.
- Defining safety hazards and environmental impacts and developing methods to eliminate or mitigate them.
- Incorporating experienced SSBN engineers into design/build teams to identify and resolve any existing safety issues and develop mitigation methods in the design and manufacturing of SSGNs.

EB team honored for contributions to SSGN environmental and safety program

A recognition ceremony hosted by EB President John Casey was held recently for the Electric Boat Life-Cycle Engineering Team that played a key role in the development of an integrated environmental, safety and occupational health program for the SSGN conversion program. Team members are, from left, Mike Parulis, Thom Korsenowski, Kurt Cramer, Ricky Milnarik, Gordon Angell, Norm Gauthier, Don DiGenova, Bob Lytle, Roy Adamson, and Bill Dodge. Missing from photo are Dick Damm and Kevin Horace.
Naval Sea Systems Command recently presented a Lifetime Achievement Award to principal engineer Ed Lemieux for his work to prevent seawater corrosion on submarine hulls.

The presentation was made by NAVSEA representative Andrew Seelinger in the Technology Center while Lemieux’s wife, Anna, and daughter, Jennifer, looked on along with co-workers from Electrical Engineering (428) and other engineering organizations.

Lemieux was specifically recognized for his expertise in the installation of Impressed Current Cathodic Protection (ICCP) systems. These are electrical systems that prevent seawater from corroding submarines.

“Ed’s experience in submarine operation and engineering, and his ability to effect change within the shipyard environment were invaluable during the first ICCP system installation,” said Seelinger. “Those attributes carry on today in the Virginia class.”

Seelinger also read testimonials from Navy representatives who have worked with Lemieux over the years, including his son.

One of them was Bob Bardsley of the Naval Surface Warfare Center, who said, “Engineers utilize scientific knowledge to solve problems. Ed certainly qualifies as an engineer under this definition, but has further aptitudes including ingenuity, drive, enthusiasm, confidence, leadership, luck and humor.”

Ted Lemieux, head of corrosion engineering at the Naval Research Laboratory, attributed the success he has attained so far to his father, who persuaded him to pursue an engineering career and helped him land his first job with the Navy. “Dad’s reputation amongst the Navy ICCP community is that of an engineer who truly has the get-it-done mentality with a unique and singular ability to actually cut through the bureaucracy and make things happen,” said the younger Lemieux. “My professional interactions with him have served as a kind of career mentorship in shipbuilding practices, connecting scientific desires and engineering reality and, most importantly, professional integrity.”

Lemieux is honored by NAVSEA

Principal engineer Ed Lemieux (right) displays the Lifetime Achievement Award presented to him by NAVSEA’s Andrew Seelinger (left). The award recognizes Lemieux’s contributions to submarine saltwater corrosion prevention.

NAVSEA HONORS LEMIEUX

With Lifetime Achievement Award

Lemieux was specifically recognized for his expertise in the installation of Impressed Current Cathodic Protection (ICCP) systems. These are electrical systems that prevent seawater from corroding submarines.
soon it became a standard treatment for fever and rheumatism. It did have some drawbacks – it had an unpleasant taste and could irritate the stomach.

Much remained the same until 1897 when Bayer chemist Felix Hoffman’s father complained of the doses of salicylic acid. Hoffman investigated the history of salicylic acid and postulated that by removing an acid and replacing it with an acetyl group it would become the salt, acetylsalicylic acid, which reduced stomach irritation. After much promotion by Hoffman, aspirin underwent testing on animals and demonstrated its anti-inflammatory and analgesic qualities. This initial study has been cited as the beginning of the modern pharmaceutical industry with engineered drugs and animal and human clinical trials. At first obtained only by prescription, aspirin became widely used as an over-the-counter medication within 15 years.

In 1948, the physician Lawrence Craven noted that men who were prescribed aspirin suffered no heart attacks. From that anecdotal observation he prescribed “an aspirin a day” for both patients and colleagues as prevention. The mystery as to how aspirin prevents heart attacks and stroke was solved in 1971 when the British pharmacologist John Vane described aspirin’s inhibition of naturally occurring inflammatory substances called prostaglandins. For

The Willow’s Story

I pass a giant weeping willow every day as I come into work. I smile as it invariably reminds me of a story my father told me about the beautiful Indian princess, who after being forsaken by her young brave, died bereft. The gods took pity on her sorrow and placed a willow tree near her grave to weep eternally.

The weeping willow has had a remarkable history, influencing medicine, myth and culture. With its ability to grow one to two feet per year in moist soil or arise from a branch cutting, even placed upside down, the willow has come to symbolize renewal, growth, vitality and immortality. The Christian church seized upon this ancient symbolism and used willow to decorate churches in Britain on Palm Sunday in place of the largely unavailable palm branches. By the 19th century, illustrations of weeping willows were commonly used as ornaments on gravestones and mourning cards, and were utilized to line burial plots.

The willow’s story is even more remarkable when one considers the pain and suffering it has alleviated for more than 4,000 years. Early writings describe how Chinese physicians used willow to relieve pain. The Greek physician Hippocrates described the use of willow bark as a treatment for fever, pain and relieving women in labor. The ancient world was not alone in recognizing willow as North American Indian tribes also used it to relieve their infirmities.

During the Dark Ages in Europe, these remedies were largely forgotten, as willow was utilized to make wicker; in some communities its medicinal use was banned.

This changed in the mid 1700s when the clergyman Edward Stone began looking for a substitute for an expensive South American herb to treat malaria. He brewed a tea of white willow and successfully treated the fevers of more than 50 patients. In 1828, Johann Buchner isolated pure salicin and later, Hermann Kolbe discovered the chemical structure and succeeded in making it artificially. This allowed salicylic acid to be produced on an industrial scale and

continued on page 9

COUPON - FREE 1 YEAR SUPPLY OF ASPIRIN

Employee Name ____________________________________________

Badge ___________________________ Date ______________________

Do you have a PCP? □ Y □ N Were you taking aspirin prior to this promotion? □ Y □ N

Do you have a history of stroke or heart disease? □ Y □ N

I have read and understand above signature__________________________________________________________

Please take this to the Yard Hospital in Groton, the Medical Dispensary in Quonset Point or the designated location to redeem this coupon for a supply of aspirin for 1 year.
this body of work, he was awarded the Nobel Prize in 1982. Three years later, the FDA recommended the use of aspirin to reduce the risk of stroke after signs such as a transient ischemic attack (TIA), previous heart attack or unstable angina.

Evidence Based Medicine

There are additional studies that led to the current support of aspirin. The first, the Physicians’ Health study organized at Harvard University in 1989, reported that when 22,000 healthy doctors took a daily aspirin, the occurrence of heart attacks, clotting and strokes was cut in half. At Oxford, a “meta analysis” of numerous aspirin clinical trials revealed that if “people at risk” took aspirin, 100,000 lives would be saved each year. If this isn’t convincing enough, recent studies have suggested that daily aspirin may reduce colon cancer rates by 30 to 50 percent. Finally, a study published last July in the American Journal of Preventive Medicine ranked taking a daily 81 mg aspirin as the number-one preventive measure.

EB Building Better Health: Aspirin Program

Are you a man 40 or older or a woman 50 or older who wants to prevent heart and vascular disease?

If you answered yes, then you should know that the U.S. Task force on Preventive Services has given the use of daily aspirin an “A” recommendation. This means that after stringent scientific review of the risks versus the benefits, the use of aspirin has benefits that far outweigh the risks. In addition the Advisory Committee on Immunization Practices suggests a low dose aspirin (81 mg) taken daily decreases the risk of heart and vascular disease.

You should consider aspirin if:

► You are a man over 40 or a woman over 50
► You are a post menopausal woman
► You are an individual with high cholesterol, high blood pressure, diabetes or a family history of heart disease
► You are a smoker

You should avoid aspirin if:

► You are hypersensitive to aspirin or other salicylates
► You have a bleeding disorder, inherited (hemophilia) or acquired (liver disease)
► You have gastric irritation or gastrointestinal bleeding/ulcers
► You have severe kidney dysfunction
► You are taking oral anti-coagulant therapy (blood thinners) or specific doses of methotrexate
► You ingest more than three alcoholic drinks per day

You should consult a doctor prior to taking aspirin if:

► You are pregnant or lactating
► You are taking other medicines that may irritate your stomach like steroids or non steroidal anti-inflammatory agents
► You are having surgery in one week
► You have aspirin-induced asthma
► You have impaired renal function with liver disease
► You are dehydrated due to other illnesses
► You take anti-coagulants, methotrexate, oral diabetic medicine, valproic acid, sulphonamides, probenecid, sulphinpyrazone, barbiturates or sedatives

The Health and Wellness Team will be sending out fliers with a coupon that can be redeemed at the Yard Hospital in Groton or the Dispensary at Quonset Point. In addition all future Health screening events, including “Know Your Numbers,” will have a section dedicated to the distribution of aspirin.

For further information, contact:

Doria Sklar: 433-6391
Sonia Garcia, HealthNet Care Advocate: 1-800-848-4747, ext. 8318.
Karen Sciamacco, United Health Care Advocate: 1-401-736-4069.

NASSCO Lays Keel Of Fifth T-AKE Ship, USNS Robert E. Peary

SAN DIEGO

General Dynamics NASSCO recently held a keel-laying ceremony for the fifth ship in the U.S. Navy’s T-AKE program. The ship is named USNS Robert E. Peary in honor of the Navy rear admiral who was one of the first men to explore the Arctic circle.

A keel-laying ceremony is a shipbuilding tradition that signifies an important milestone as full-scale production begins. In recognition of that milestone, Phoebe Novakovic, senior vice president of Planning and Development for General Dynamics, was the honoree for the event and welded her initials into the keel.

The Robert E. Peary is scheduled to be delivered to the Navy’s Military Sealift Command in the second quarter of 2008. When it joins the fleet, the ship’s primary mission will be to deliver food, ammunition, fuel and other provisions to combat ships at sea.

ELECTRIC BOAT NEWS | January 2007 | 9
AUTOS

BUICK 1998 Park Avenue. Loaded. 1 owner, excellent condition. $4,200 OBO. 599-5667.


AUTO PARTS

BLUE OX Ambassador tow bar for compact car. $130. 401-885-3419.

STEEL RIMS (4) with used snow tires for Mazda 626. $50. 295-1274.

BOATS

12 FOOT ALUMINUM jon boat with oars and electric trolling engine. $500. 376-2174.

MISCELLANEOUS

AMERICAN Girl Doll clothes and furniture. Child's rocking chair, metal Tonka dump truck, doll's wooden cradle, Mickey Mouse earrings, new porcelain doll, Star Wars items, crates. 401-596-5788.

BOWFLEX Extreme 2 home gym. 410 lbs resistance & all attachments. Floor mat included. $750. 448-1718.


FIREWOOD (seasoned). Mostly red oak. Cut, split and delivered for $180 per cord. 715-1299 before 5 PM; 401-377-9055 after 5 PM.

GO video DVD/VCR player, model DVR5000. Perfect condition, $30. 401-785-1273.

MAN'S winter coat coat. New, XXL. Barbecue grill with gas tank, enamel tea pot, 1950s Revere Ware coffee pot, service for four Haviland China set. 401-596-5788.

MEN'S suede coat. L.L. Bean's. Size 42, new condition. $80. 376-8768 after 6 PM.

SNOWBOARDS. Salomon Driver 145, 145 cm, rider wt = 100-135 lbs, unused, $135. Burton Chopper, 121 cm, w/bindings, rider wt = 50-80 lbs, used, $150. Burton Freestyle snowboard boots, size 4, $30. Youth ski boots (5-7 years), $15. 535-4355.

TOSHIBA 36” Colorstream TV with matching A/V cabinet, RGB component video inputs, PIP, double tuner, remote. Original price $1,800; asking $550. 445-6075.

REAL ESTATE / SALES

LEDYARD. 3-year-old two-bedroom condo. Like new condition, electric stove, refrigerator and dishwasher included. Near Ledyard center at 34B Iron St. Asking $139,900. 464-2498.

WANTED

ELECTRIC GUITAR and electric keyboard with stand for six-year-old. Reasonable. 443-0687.

ROOMMATE to share country home. 30 minutes to EB. Washer/dryer, computer hook-up, all utilities included. $600 per month. 599-0296/912-4936.

UNICYCLE. Good condition, reasonable price. 447-1791, ext. 5098.

To submit a classified ad, send an e-mail to EBNewsAds@gdeb.com with the following information:

CATEGORY choose from

Appliances  Computers  Pets  Real Estate / Sales
Autos / Trucks  Furniture  Real Estate / Rentals
Auto Parts  Miscellaneous  Wanted
Boats  Motorcycles

ITEM NAME; DESCRIPTION; ASKING PRICE; and HOME TELEPHONE (include area code if outside 860). Deadline is the 15th of the month.

Maximum of two 25-word ads per employee per issue.

Please include your name, department and work extension with your ad (not for publication).

Employees without e-mail can submit their ads through interoffice mail to:

Dan Barrett,
EB Classified, Dept. 605,
Station J 88-10.

EB Business Ethics and Conduct

Harassment

Behavior that disrupts another employee in his or her work because of an employees’ race, color, religion, natural origin, age, physical or mental disability, or gender.

Report HARASSMENT to your supervisor, union steward, manager, Human Resources, Security, Ethics Officer (860) 433-1278 or the GDE Ethics Hotline (800) 433-8442.

Remember: When in doubt, always ask.
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ELECTRIC BOAT CORPORATION 2006 INJURY INCIDENCE RATES

RECORDABLE INJURIES FOR 2006 = 892
RECORDABLE INCIDENCE RATE YTD = 8.2  2006 GOAL = 8.7 or less
LOST TIME CASES 2006 = 243
LOST WORK DAY CASE RATE YTD 2006 = 2.2  2006 GOAL = 2.6 or less