## GENERAL DYNAMICS Advanced Information Systems

12450 Fair Lakes Circle Fairfax, VA 22033 USA www.gd-ais.com

#### Press Releases – 2006

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- General Dynamics Awarded \$8 Million GIANT Contract System; Demonstration at the National Space Symposium
- General Dynamics Advanced Information Systems Awarded \$9.5 Million for Combat Systems Engineering
- General Dynamics Awarded U.S. Air Force Simulation and Analysis Facility Contract
- General Dynamics Payload Control Processor Runs Primary Science Instrument on CALIPSO Spacecraft Launched Today
- General Dynamics Awarded \$9.6 Million for Technology Management System Services
- General Dynamics' GeoWorx Software Product is First Commercial Software Package to Achieve NITF Registration for Controlled Image Base®
- General Dynamics Sponsors Sally Ride Science Festival at George Mason University
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- Four Local Students Receive National Merit® Scholarships
- General Dynamics LCS Open Architecture Approach Gives U.S. Navy Best-of-Industry Capabilities
- General Dynamics Showcases Counter-Improvised Explosive Device Trainer at the IED 2006 Symposium and Expo
- U.S. Joint Forces Command Extends General Dynamics Contract for Engineering and Technical Support
- General Dynamics Advanced Information Systems Releases New and Enhanced GeoWorx 9.2
- General Dynamics Selected as Prime Contractor Under DHS EAGLE Program
- General Dynamics Advanced Information Systems Successfully Completes First AN/SSX-1 Production Contract
- General Dynamics Celebrates U.S. Navy's AN/AYK-14 Airborne Computer System 30th Anniversary
- General Dynamics Awarded Australian Installation and Training Contract for Multimedia Analysis and Archive System
- General Dynamics Awarded \$56 Million Engineering and Support Contract for TRIDENT Ballistic Missile System
- General Dynamics Awarded \$13 Million System Integration Contract for Surface Electronic Warfare Improvement Program
- U.S. Air Force Extends General Dynamics Contract for Integration Engineering Support
- General Dynamics Awarded \$208 Million for Second Trimaran Littoral Combat Ship
- General Dynamics Awarded \$10 Million to Continue Producing Submarine Multi-Purpose Processors and Monitoring Systems



News

January 3, 2006 Contact: Jessica Howe media@gd-ais.com

## General Dynamics Advanced Information Systems' Operations Achieve CMMI® Level 5 Maturity Rating Commitment to the Highest Levels of Continuous Improvement Benefits Defense Customers

**ARLINGTON, Va.** - General Dynamics Advanced Information Systems announced today that its Surveillance and Reconnaissance Systems operation in Bloomington, Minn., has achieved the Software Engineering Institute's (SEI) Capability Maturity Model® Integration (CMMI®) Level 5 rating - the highest rating attainable. General Dynamics Advanced Information Systems is a business unit of General Dynamics (NYSE: GD).

The Surveillance and Reconnaissance Systems organization was assessed using the most comprehensive version of the CMMI model, which includes evaluation of systems engineering, software engineering, integrated product and process development, and supplier sourcing practices. According to SEI's latest maturity profile report, only 4.4 percent of the companies assessed use this version.

"Achieving a Level 5 maturity rating demonstrates a culture rooted in continuous improvement," said Lou Von Thaer, president of General Dynamics Advanced Information Systems. "Our employees have a common vision, are empowered to make the right decisions, and are disciplined to follow a process framework developed through best practices. In turn, our customers benefit from increased quality, lowered costs and lowered risks."

ProcessWorks, Inc., an independent SEI-authorized appraisal firm, led an exhaustive evaluation using the SEI's Standard CMMI Appraisal Method for Process Improvement (SCAMPI<sup>TM</sup>). The appraisal team reviewed more than 3,510 artifacts and heard thousands of statements during internal interviews. The appraisers determined that all 1,237 practices were fully implemented and identified many exemplary or noteworthy examples of the CMMI model in use.

"This General Dynamics organization clearly understands that achieving Level 5 is a milestone on the journey of continuous improvement," said Karen McKeown, lead appraiser from ProcessWorks. "Senior management's commitment is strong and visible, and the highly collaborative and integrated work environment demonstrates how engrained process improvements are throughout the organization."

The Software Engineering Institute is a federally funded research and development center sponsored by the U.S. Department of Defense and operated by Carnegie Mellon University. SEI's CMMI standard provides a framework for improving processes that organizations use to develop and deliver software products for customers.

General Dynamics Advanced Information Systems, headquartered in Arlington, Va., is a leading provider of transformational mission solutions in command, control, communications, and computers, intelligence, surveillance and reconnaissance. Customers include those in the defense, intelligence, homeland security and homeland defense communities. More information is available on the Internet at www.gd-ais.com.

General Dynamics, headquartered in Falls Church, Virginia, employs approximately 71,900 people worldwide and had 2004 revenue of \$19.2 billion. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation.

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Any "forward-looking statements" contained in this press release are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. For more information, see Forward Looking Statement.



News

January 9, 2006 Contact: Jessica Howe media@gd-ais.com

## Twelve General Dynamics Employees Named "Modern-Day Technology Leaders for 2006"

U.S. Black Engineer and Information Technology Magazine Honors Individuals Who Shape Future of Engineering, Science and Technology

**FALLS CHURCH, Va.** - The editors of U.S. Black Engineer and Information Technology magazine have named 12 General Dynamics employees "Modern-Day Technology Leaders for 2006" for their outstanding leadership in engineering, science and technology. The awards recognize African-Americans whose innovations impact entire industries. Recipients will be recognized at a leadership luncheon on Friday, February 17, during the 20th Annual Black Engineer of the Year Awards Conference, a renowned gathering of Black technical professionals. Winners will also be profiled in the official conference publication, U.S. Black Engineer and Information Technology, a leading, global source of technology news and information.

"We're proud of the accomplishments of these employees and appreciate the recognition by U.S. Black Engineer & Information Technology magazine," said Nicholas D. Chabraja, General Dynamics chairman and chief executive officer. "The General Dynamics recipients exemplify the high caliber of our workforce."

The General Dynamics "Modern-Day Technology Leaders for 2006" are:

Michael Anderson, Software Engineer Principal General Dynamics C4 Systems (Columbia, Md.)

Phillip Carswell, Technical Lead General Dynamics C4 Systems (Scottsdale, Ariz.)

Cyprians Colbert, Senior Software Engineer General Dynamics C4 Systems (Gilbert, Ariz.)

Richard Coleman, Systems Engineer General Dynamics C4 Systems (Scottsdale, Ariz.)

Thomasine Dade, Lead Engineer Configuration General Dynamics Advanced Information Systems (Fairfax, Va.)

Ronald Dow Jr., Senior Information Assurance Analyst and Program Manager General Dynamics Advanced Information Systems (Arlington, Va.)

Kevan Jackson, GV/G500/G550 Entry-Into-Service Program Manager Gulfstream Aerospace Corporation (Savannah, Ga.)

Burton Jones, Associate Hardware Design Engineer General Dynamics Armament and Technical Products (Marion, Va.)

Thomas D. Laryea III, Senior Software Engineer General Dynamics Land Systems (Sterling Heights, Mich.)

Christopher Parks, Principal Engineer Network Administration General Dynamics Advanced Information Systems (Fairfax, Va.)

Andre Perry, Principal Engineer Systems General Dynamics Advanced Information Systems (Hanover, Md.)

Dontrell Pinder, Principal Engineer Systems General Dynamics Advanced Information Systems (Fairfax, Va.)

U.S. Black Engineer and Information Technology, which recognizes companies that support a diverse work force, has served as the beacon of support for minority technical professionals and the executives who hire and promote them. More information can be found at www.blackengineer.com.

General Dynamics, headquartered in Falls Church, Virginia, employs approximately 71,900 people worldwide. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation.



## News

January 9, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics Advanced Information Systems Awarded \$6.7 Million for Middleware Sensor Integration

**ARLINGTON, Va.** - General Dynamics Advanced Information Systems, a business unit of General Dynamics (NYSE: GD), has received an initial \$6.7 million award under a new indefinite-delivery/indefinite-quantity contract for Middleware Sensor Integration. This contract allows orders to be placed for open architecture, commercial off-the-shelf processing, communication and networking solutions for Navy sensor, weapon and combat systems. The Navy will utilize this effort to develop and demonstrate advanced concepts in sensor integration and contact fusion and for a variety of Naval platforms. The contract has a maximum potential value of \$65 million.

Work will be performed in Fairfax, Va., and Kauai, Hawaii, and is expected to be completed in November 2007. The Office of Naval Research awarded the contract.

General Dynamics Advanced Information Systems, headquartered in Arlington, Va., is a leading provider of transformational mission solutions in command, control, communications, and computers, intelligence, surveillance and reconnaissance. Customers include those in the defense, intelligence, homeland security and homeland defense communities. More information is available on the Internet at www.gd-ais.com.

General Dynamics, headquartered in Falls Church, Va., employs approximately 71,900 people worldwide. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation.



#### **News**

January 9, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics Completes Conversion of USS Ohio, First of Four Transformational Submarines for the U.S. Navy

**BREMERTON, Wash.** - General Dynamics Electric Boat has completed its conversion of USS Ohio (SSGN-726), the first of four Trident submarines to be reconfigured as multimission vessels optimized for covert tactical strike and special operations support. Electric Boat is a wholly owned subsidiary of General Dynamics (NYSE: GD).

Ohio's conversion, undertaken in conjunction with the ship's midlife refueling, provides the Navy with its first truly transformational platform. Ohio will be joined by three additional Tridents undergoing conversion to SSGNs - USS Michigan at the shipyard here, and USS Florida and USS Georgia at Norfolk Naval Shipyard in Virginia. The conversions are being performed under a \$1.4 billion contract awarded to Electric Boat in 2002; work is scheduled for completion in 2007.

Each SSGN will carry up to 154 Tomahawk cruise missiles and support up to 66 Special Operations Forces for an extended time. General Dynamics Advanced Information Systems in Pittsfield, Mass., is the systems integrator for the missile-control system. SSGNs will also serve as platforms to develop and test new weapons systems, sensors and operational concepts that could further transform naval warfare. These payloads will include large unmanned undersea vehicles and off-board sensors.

"The on-time conversion of USS Ohio from a strategic-missile submarine to a guided-missile and special warfare platform is a tribute to the collective efforts of the men and women of Electric Boat, Puget Sound Naval Shipyard, the Navy's Strategic Systems Program and the Naval Sea Systems Command SSGN program office," said EB President John Casey. "Their contributions have provided the Navy with a powerful warship that embodies unparalleled capabilities as well as the opportunity to integrate new technologies and payloads in the future."

Casey noted that the conversion - comprising design, manufacturing, installation and at-sea testing - was completed only three years after the Navy decided to move forward with the program. "That's a remarkable achievement," he said.

Referring to the overall SSGN conversion program, Casey said, "Work on USS Florida is proceeding smartly - in fact, its sea trial is on track to follow the lead-ship trial by only three months. This will enable us to provide the U.S. Navy with a second transformational platform over a shorter-than-normal time frame, and at a conversion cost still lower than the lead ship's."

General Dynamics, headquartered in Falls Church, Virginia, employs approximately 71,900 people worldwide. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation.

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News
January 19, 2006
Contact: Jessica Howe
media@gd-ais.com

#### **General Dynamics Begins Littoral Combat Ship Construction**

**MOBILE, Ala.** - Signifying the transition from concept to reality, General Dynamics and the U.S. Navy today participated in a keel laying ceremony for Littoral Combat Ship 2 (LCS 2), a revolutionary trimaran warship that is part of a family of new U.S. Navy surface ships. Representatives of the Alabama congressional delegation also attended the ceremony, which was conducted at Austal USA shipyards in Mobile, where the warship will be built. Delivery of LCS 2 will occur in late 2007. Bath Iron Works (Bath, Maine), a subsidiary of General Dynamics (NYSE: GD), is leading the General Dynamics Littoral Combat Ship Team.

"This milestone marks a significant achievement in the LCS program," said Rear Adm. Charles S. Hamilton, II, program executive officer for ships, "The LCS brings our Naval forces the speed, flexibility and capability we need to face the asymmetric threats of the future."

Senator Jeff Sessions (R-Ala.) said, "Today marks an important milestone as the U.S. Navy embarks on the construction of a new vessel that will carry it to the littorals worldwide. The General Dynamics-Austal partnership returns to Alabama the finest elements of advanced shipbuilding, and I am immensely pleased that we in Alabama are part of this new endeavor."

"The General Dynamics LCS will bring the Navy its needed requirements for mission adaptability, speed and flexibility to operate in littoral waters," Dugan Shipway, president of Bath Iron Works said. "This is a rewarding and exciting day for General Dynamics and our partners. We look forward to delivering LCS 2 in the fall of 2007.

The LCS is the Navy's newest surface combatant and is a key element in the Navy's surface combatant force transformation strategy. Designed to accommodate focused missions modules for mine warfare, antisubmarine warfare and antisurface warfare, among others, LCS will ensure and enhance friendly force access to littoral areas.

The General Dynamics Littoral Combat Ship's innovative trimaran hull form will give the Navy a ship that can reach open ocean speeds nearing 50 knots and possesses outstanding seakeeping capabilities. LCS 2, has a flight deck larger than any other surface combatant that will support near-simultaneous operation of two MH-60R/S helicopters or multiple unmanned vehicles. LCS 2 will also provide one of the largest useable payload volumes of any U.S. Navy surface combatant and deliver greater payload per displacement ton than any ship of comparable displacement.

The General Dynamics Team has designed a technical infrastructure that is not bound by proprietary systems. The result is a flexible information technology backbone that uses strict industry standards, commercially available products and published interfaces to ensure the Navy will not be locked into a proprietary system that will limit access to alternatives. The open architecture design eliminates dependencies on any specific hardware and software products thereby making it possible for the Navy to take advantage of rapidly changing advancements in the market place.

Bath Iron Works is leading a best-of-breed team that includes Austal USA (Mobile, Ala.), responsible for building the team's aluminum and steel trimaran warship. General Dynamics Advanced Information Systems, of Arlington, Va., is leading the ship's open-architecture-based Core Mission System design and integration from its Pittsfield, Mass., facility.

Northrop Grumman Electronic Systems (Baltimore, Md.) will provide the Integrated Combat Management System, BAE Electronic Systems (Rockville, Md.) will provide the radio communications system and L3 Communications (Leesburg, Va.) the automated ship control system. Maritime Applied Physics Corporation, (Baltimore, Md.), General Dynamics Armament and Technical Products (Burlington, Vt.), Electric Boat (Groton, Conn.) and General Dynamics Canada (Ottawa, Ontario) are also team members.

General Dynamics, headquartered in Falls Church, Virginia, employs approximately 71,900 people worldwide. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation.

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**Disclaimer:** These archived press releases contain information believed to be accurate when published but may have been superseded by events and the passage of time.



#### News

February 2, 2006 Contact: Jessica Howe media@gd-ais.com

#### General Dynamics Welcomes 53 Students To Shadow Day

PITTSFIELD, Mass. - Fifty-three high school students from around the Pittsfield region were provided an upclose look at the engineering profession today. Students from Hoosac Valley, Taconic, Pittsfield, McCann, Lenox, Wahconah, St. Joseph and New Lebanon high schools shadowed General Dynamics Advanced Information Systems employees as they went through a typical day on the job.

Students' interests were matched with General Dynamics occupations ranging from software, electrical, and mechanical engineering to production, manufacturing, quality testing, business operations, finance and human resources. Students were shown how their classes and interests can be put into use in the workplace.

"This is the second year that General Dynamics has participated in Shadow Day. At Pittsfield, we have almost doubled the number of student participants over last year. We are very impressed with the level of interest and excitement that the students exhibited today," Beth Mitchell, coordinator of the event and director of systems integration and support for General Dynamics said. "We hope that providing the students with a 'hands on' experience in a real work environment will encourage them to select a career where they can remain in the Berkshires and be a part of our future."

General Dynamics Advanced Information Systems in Pittsfield has a 40-year heritage of supporting submarine and surface ship programs for the U.S. Navy.

General Dynamics Advanced Information Systems, headquartered in Arlington, Va., is a leading provider of transformational mission solutions in command, control, communications, and computers, intelligence, surveillance and reconnaissance. Customers include those in the defense, intelligence, homeland security and homeland defense communities. More information is available on the Internet at www.gd-ais.com.

General Dynamics, headquartered in Falls Church, Va., employs approximately 72,200 people worldwide and had 2005 revenue of \$21.2 billion. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation. More information about the company can be found at www.generaldynamics.com.

National Job Shadow Day is a coordinated effort of America's Promise - The Alliance for Youth, Junior Achievement, the U.S. Department of Education and the U.S. Department of Labor. More information about the program is available on the Internet at www.jobshadow.org.



## News

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics and the Discover Science Center Host 400 Students at Heritage Oak Private Elementary During National Engineers Week

**WHAT:** Students from the Yorba Linda, Calif. area will learn more about engineering through an assembly sponsored by General Dynamics Advanced Information Systems and conducted by the Discovery Science Center. The assembly will focus on electrical science and engineering. Students will participate in hands-on activities including Jacob's Ladder, a high voltage spark effect seen on many old horror movies, and Tesla Coil, an electric wave experiment to demonstrate the inverse relationship between the coil and the capacitor.

Discovery Science Center is a non-profit organization dedicated to educating young minds, assisting teachers and increasing public understanding and appreciation of science, math and technology through interactive exhibits and programs. The event coincides with National Engineers Week, a week long celebration of the engineering profession designed to increase awareness among students. General Dynamics employs more than 50 people in its Anaheim Hills office who work on U.S. Navy programs.

WHERE: Heritage Oak Private Elementary School, 16971 Imperial Highway, Yorba Linda, Calif.

WHEN: Tuesday, February 21, 2006, 12 p.m.-3 p.m.

**SPEAKERS:** Discovery Science Center Staff Members



## **News**

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics Hosts 45 Students at Annapolis Junction Facility During National Engineer Week

**WHAT:** Students from the Central Maryland area will learn more about engineering careers for women from experts at General Dynamics Advanced Information Systems during National Engineers Week. General Dynamics' employees and students will explore other aspects of engineering beyond math and science. Interactive activities, a Hall of Fame of Women Engineers and a panel discussion will show how innovation and creativity are key to the engineering process and how engineers, especially women, make the world a better place.

National Engineers Week is a week long celebration of the engineering profession designed to increase awareness among students. General Dynamics employs over 200 people in the Annapolis Junction area who work on intelligence programs.

WHERE: 2721 Technology Drive, Annapolis Junction, Md.

**WHEN:** Thursday, February 23, 2006, 6:30 p.m. to 9 p.m.

**SPEAKERS:** Panel of women engineers from General Dynamics, who specialize in systems and intelligence engineering

Topic: Finding Personal Success through a Career in Engineering



## News

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

# **General Dynamics Hosts 40 Students at Mountain View Facility During National Engineers Week**

**WHAT:** Employees of General Dynamics and students from the Santa Clara County area will explore the field of engineering during an evening of technical demonstrations and panel discussions led by women engineers at General Dynamics. The event coincides with National Engineers Week, a week-long celebration of the engineering profession designed to increase awareness among students. General Dynamics employs over 400 people in Mountain View who work on intelligence programs.

WHERE: General Dynamics Advanced Information Systems, 100 Ferguson Drive, Mountain View, Calif.

WHEN: Thursday February 23, 2006 6 p.m. - 9 p.m.

SPEAKERS: Julianne Abney Lovin, Senior Manager, General Dynamics

Annette Haddad, Lead Systems Engineer, General Dynamics

Lisa Barboza, Senior Manager, General Dynamics

Jody Merritt, Program Manager, General Dynamics

Panel discussion about what it's like to be a woman in the field of engineering.



## News

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

#### **General Dynamics Awards Northern New Jersey Students College Scholarships**

**WHAT:** Two high school seniors from Morris and Essex Counties will be awarded \$1000 and \$500 scholarships towards a college of their choice during National Engineers Week. The winners were selected from a number of students who wrote essays explaining the importance of engineering in our society. The scholarships are intended to encourage more students to consider engineering as a major in college and possible career path.

The two winners and their families will visit the General Dynamics facility in Florham Park, N.J. to view the facility, attend a dinner, receive their awards and learn more about engineering from General Dynamics employees. General Dynamics employs over 200 people in Northern New Jersey who work on U.S. Navy programs.

WHERE: 7-9 Vreeland Rd., Florham Park, N.J.

WHEN: Thursday, February 23, 2006, 6 p.m.

SPEAKERS: Shawn Venditti, Systems Engineer, General Dynamics

Thomas Lutz, Electrical Engineer, General Dynamics

Karen Davis, Senior Engineering Manager, General Dynamics



## News

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics Hosts Northeast Guilford Middle School Egg Drop Competition During National Engineers Week

WHAT: General Dynamics' employees and Northeast Guilford Middle School students will host an "Egg Slide" event. The event will give over 300 6th grade middle school students the opportunity to explore engineering and science as they protect an ordinary egg from a fall. Students in each Math and Science class will be grouped into teams of three and use a supplied kit of standard household materials (paper cup, straws, toothpicks, tape, etc.) to protect their egg from damage during a fall. A ramp will be used and the event will begin with a gentle slide. The incline will be increased until the competition becomes an "Egg Drop" and only the best engineering designs and eggs survive.

National Engineers Week is a week long celebration of the engineering profession designed to increase awareness among students. General Dynamics employs over 200 people in the Greensboro area who work on U.S. Navy programs.

WHERE: 6720 McLeansville Road, McLeansville, NC

WHEN: February 20, 2006 (Individual Class Competitions) and February 21, 2006 (Finals)



## News

February 14, 2006 Contact: Jessica Howe media@qd-ais.com

# General Dynamics Engineers and St. John Vianney School Students Build Computers from Scratch During National Engineer Week

**WHAT:** Students from the Orchard Park/West Seneca area will learn more about engineering from experts at General Dynamics Advanced Information Systems. General Dynamics employees and students will assemble four personal computers from scratch for use in school classrooms.

The event coincides with National Engineers Week, a week long celebration of the engineering profession designed to increase awareness among students. General Dynamics employs over 200 people in the Buffalo area who work on transportation, research and development programs.

WHERE: St. John Vianney School, 2950 Southwestern Blvd., Orchard Park, N.Y.

WHEN: Thursday, February 16, 2006, 3 p.m.

SPEAKERS: Robert Choboy, Systems Engineer, General Dynamics



## News

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

#### **General Dynamics Celebrates Winning Students at Local MathCounts Competition**

**WHAT:** Over 160 students from 26 middle schools in Alamance, Caswell, Guilford, Randolph and Rockingham counties will compete in the North Piedmont MathCounts Chapter competition during National Engineers Week. The MathCounts Competition is a national math enrichment, coaching and competition program that promotes middle school mathematics achievement. Nine winning students will receive \$100, \$75, or \$50 savings bonds at a special presentation ceremony celebrating all participants.

National Engineers Week is a week long celebration of the engineering profession designed to increase awareness among students. General Dynamics employs over 200 people in the Greensboro area who work on U.S. Navy programs.

WHERE: 1601 East Market Street, Greensboro, N.C.

WHEN: Saturday, February 18, 2006, 8:30 a.m. - 2:00 p.m.

SPEAKERS: Harry Grant, Operations Director, General Dynamics Advanced Information Systems

Why Mathematics is Important to High Technology and other Companies



## News

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

# **General Dynamics Teaches Cell Phone Technologies to 122 Students During National Engineers Week**

**WHAT:** Students from Kauai's three high schools will participate in workshops on cell phones, cell phone networks and digital signal processing held by experts from General Dynamics Advanced Information Systems. The presentations include a big picture view of cell phones and their technical history as well as a more indepth view of analog to digital conversion, network transmission and reception, and digital to analog reconstruction in cell phone signals.

The event coincides with National Engineers Week, a week long celebration of the engineering profession designed to increase awareness among students. General Dynamics employees in Kauai work on U.S. Navy programs.

WHERE: Kauai Community College, Performing Arts Center, 3-1901 Kaumualii Highway, Lihue, HI

**WHEN:** February 24th, 2006, 8 a.m. to 2 p.m.

**SPEAKERS:** Jennifer Broderick, Lead Engineer, General Dynamics Advanced Information Systems, Cell Phone Networks

Neil Young, Systems Engineer, General Dynamics Advanced Information Systems, Signal Processing in Cell Phones



## **News**

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

# **General Dynamics Hosts 284 Students at Christian Evers Elementary During National Engineer Week**

WHAT: Students from Christian Evers Elementary School will learn more about engineering from experts at General Dynamics Advanced Information Systems during National Engineers Week. General Dynamics' employees and students in the 4th and 5th grades will spend their afternoon participating in hands-on earth science demonstrations with weather instruments. The children will experiment with new equipment purchased for the school classrooms, including barometers, hygrometers, compasses and thermometers. The children will also test new equipment to be added to a traveling science lab that moves between classrooms, including a cloud forming apparatus, wind speed device and a digital weather station. General Dynamics employs over 100 people in the San Antonio area who work on information assurance and intelligence programs.

WHERE: 1715 Richland Hills Dr., San Antonio, Texas

WHEN: Friday, February 24, 2006



## News

February 14, 2006 Contact: Jessica Howe media@qd-ais.com

# General Dynamics Sponsors the Greater Miami Valley TechFest '06 in Celebration of National Engineers Week

WHAT: Students from the greater Dayton, Ohio, area will learn more about engineering from experts at the Affiliate Societies Council, Air Force Research Laboratory, General Dynamics Advanced Information Systems and Lockheed Martin Corp. during National Engineers Week. These experts and students will experience over 60 hands-on technical displays, the Air Force Research Lab Tek Trek Bus, an operational replica of the Wright Brothers 1903 engine and a variety of guest speakers, including a NASA astronaut. TechFest helps kick off National Engineers Week, a week-long celebration of the engineering profession designed to increase awareness among students.

WHERE: Sinclair Community College, Buildings 12 and 13, West 3rd Street, Dayton, Ohio

WHEN: Saturday, February 18, 2006, 10 a.m.-6 p.m.

Sunday, February 19, 2006, 11 a.m.-5 p.m.

SPEAKERS: Tracy Caldwell, NASA Astronaut, "The Day in the Life of an Astronaut"

Dr. John Fortman, Wright State University, "Demonstrations of Fires and Explosions"

Professor David Willey, University of Pittsburgh, "How Does a Thing Like That Work?"

Jim McCutcheon, The Guitar Man, "Doin' the Electron Dance with the Guitar Man"

Hank Ficken, portraying Thomas Edison, "Edison Goes to the Movie" and "Edison Charges Into Electricity"

Major Tom "Ditch" Walters, F-22, "What Does it "Tech" to be a Test Pilot?"



## **News**

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics-Tuscon Hosts 125 Students at Ironwood High School During National Engineer Week

**WHAT:** Students from the Tucson, Az. area will learn more about engineering from experts at General Dynamics Advanced Information Systems during National Engineers Week. General Dynamics' employees and students will learn about how geospatial science and engineering can be used to relate events and processes to biology, ecology, and physiology.

WHERE: Ironwood Ridge High School, 2475 W. Naranja Drive, Tucson, AZ

WHEN: Monday, February 20, 2006; Tuesday, February 21, 2006; Wednesday, February 22, 2006

SPEAKERS: Seth Gering, General Dynamics, Geospatial Information Science and Habitat Studies

Rebecca Tucker, General Dynamics, Geospatial Information Science and Disease Studies

Andrew Grogan, General Dynamics, Geospatial Relationships and Analysis



## News

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

## General Dynamics and Cardinal Forest Elementary Students Discuss Submarine Technology During National Engineers Week

**WHAT:** General Dynamics employees and 100 students from the Springfield, Va. will conduct experiments and discuss the engineering behind submarines during National Engineers Week. Students will perform buoyancy experiments and learn how density relates to underwater motion. A question and answer session will discuss the inner workings of a submarine and how the experiments performed relate to actual systems on a submarine.

National Engineers Week is a week long celebration of the engineering profession designed to increase awareness among students. General Dynamics employs over 3,000 people in the Northern Virginia area working on Department of Defense, homeland security and intelligence programs.

**WHERE:** 8600 Forrester Blvd., Springfield, Va.

**WHEN:** Tuesday, February 21, 2006; 9:30 a.m.

SPEAKERS: Bradley Baker, Engineer - Systems, General Dynamics, Buoyancy experiment

Andre Perry, Engineer - Software, General Dynamics, Buoyancy experiment

Melanie Lear, Engineer - Software/Integration, General Dynamics, Density experiment

Tim Riley, Engineer - Systems, General Dynamics, Density experiment

Michael Perez, Security Officer, General Dynamics, Submarine principles and background engineering

Alex Rabinowitch, Lead Engineer - Systems, General Dynamics, Submarine principles and background engineering



## News

February 14, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics and local Junior Reserve Officer Training Corps provide Castroville weather station

**WHAT:** Two hundred students from the Medina Valley High School 20009th Air Force Junior Reserve Officer Training Corps (ROTC) are teaming with General Dynamics Advanced Information Systems engineers to create a weather station to broadcast to the local Weather Bug Network in Castroville, Texas. The ROTC unit will also establish a local ham radio club and base station. The students will use these tools to learn about meteorology first hand and obtain their ham radio licenses, benefiting local authorities during emergencies.

The event coincides with National Engineers Week, a week long celebration of the engineering profession designed to increase awareness among students. General Dynamics employs over 100 people in the San Antonio area who work on information assurance and intelligence programs.

WHERE: Medina Valley High School

**WHEN:** Friday, February 24, 2006, 8:30 a.m.

SPEAKERS: Colonel (Ret.) Robert Dzur, Senior Aerospace Science Instructor, Texas 20009th



#### News

February 20, 2006 Contact: Jessica Howe media@gd-ais.com

#### General Dynamics Hosts Student Events For National Engineers Week

ARLINGTON, Va. - General Dynamics Advanced Information Systems, a business unit of General Dynamics (NYSE: GD), is sponsoring events nationwide during National Engineers Week beginning Feb. 20, 2006. Students from elementary school through college will participate in various programs with General Dynamics professionals leading hands-on activities to learn more about science and engineering. Highlights during the week include:

**Feb. 20, 2006:** In McLeansville, N.C., 300 sixth grade students at Northeast Guilford Middle School will participate in an egg slide competition in which students will learn how to protect an ordinary egg from a three foot fall, using only standard household items. The students will engineer protective gear for the eggs with the help of General Dynamics employees.

**Feb. 21, 2006**: Students at Cardinal Forest Elementary in Springfield, Va., will participate in experiments led by General Dynamics employees to discover what makes submarines work. The students will perform buoyancy experiments and learn how density relates to underwater motion.

**Feb. 23, 2006:** Girls in both Annapolis Junction, Md., and Mountain View, Calif., will come together to learn about engineering from women engineers at the local General Dynamics facilities. Panel discussions about career options are scheduled as well as engineering demonstrations with highlights about famous women engineers.

**Feb. 24, 2006:** Two hundred students at Medina Valley High School and the school's 20009th Air Force Junior Reserve Officer Training Corps (ROTC) are teaming with General Dynamics engineers to create a weather station to broadcast to the local Weather Bug Network in Castroville, Texas. The ROTC unit will also establish a local "ham" (amateur) radio club and base station. The students will use these tools to learn about meteorology first-hand and obtain their radio licenses, benefiting local authorities during emergencies.

Other General Dynamics employees will work with students during Engineers Week events in Arizona, California, Hawaii, Massachusetts, Maryland, Minnesota, New Jersey, New York, Ohio and Texas.

National Engineers Week is supported by a coalition of more than 70 various engineering, education and cultural societies and more than 50 corporations and government agencies. The week, Feb. 19-25, is dedicated to raising awareness of the engineering profession among students and promoting recognition of the importance of a technical education and a high level of math. More information can be found at www.eweek.com.



News
February 23, 2006
Contact: Jessica Howe
media@gd-ais.com

#### General Dynamics Engineer Honored as "New Faces of Engineering 2006"

BLOOMINGTON, Minn. - The Engineers Week Foundation, a consortium of the world's leading engineering societies and major corporations, has announced General Dynamics principal engineer Vanessa Koutroupas as one of the "New Faces of Engineering 2006," a national honor that recognizes 16 of the most talented engineers for outstanding ability and leadership in their chosen discipline.

"Vanessa exemplifies the tremendous caliber of engineering professionals that help General Dynamics provide innovative solutions to our customers," said Lou Von Thaer, president of General Dynamics Advanced Information Systems, the subsidiary for which Koutroupas is employed. "We're extremely proud of her leadership and talent."

Koutroupas is based at the General Dynamics Advanced Information Systems' Bloomington, Minn. operation and joined the company in June 2004. She is a key member of the sustainment engineering team that is designing the Integrated Computer System (ICS) for the U.S. Army's Future Combat Systems (FCS), the Army's leading modernization program that will link all facets of the battlefield (soldiers, command posts, vehicles, etc.) via one networked communications system. The ICS is the common computing environment for this network.

"A career at General Dynamics has meant joining a team of extremely talented people with a common passion for challenging work and utilizing creativity and innovation to provide the highest quality products and services," Koutroupas said. "The company recognizes and celebrates the success of its employees, and continuously re-evaluates how best to support our development and well-being."

Koutroupas completed her first undergraduate degree at age 20 at Cornell University in Ithaca, N.Y., and has received a second undergraduate degree from Claremont McKenna College in Claremont, Calif. Within a year of receiving her degree, she earned a patent for software used in reliability analysis, and co-published "Life Tests: Get the Biggest Bang for Your Buck" in several academic journals including NASA EE Links, Medical Device & Diagnostic Industry and Assembly magazine.

Patricia Welesko Garland, National Chair of Engineers Week 2006, said "These young professionals have made achievements that improve the lives of people all across the world. Our future is in the hands of these women and men who hold much promise. Let us celebrate their contributions and hold them up as shining stars of our profession."

Koutroupas was nominated by the Institute of Electrical and Electronics Engineers (IEEE). IEEE and other leading engineering societies were asked by the Engineers Week Foundation to nominate outstanding young members (age 30 or younger). The finalists, who were featured in a full-page USA Today announcement, reflect the pinnacle of excitement and vigor of the profession.

National Engineers Week, Feb. 19-25, is dedicated to raising awareness of the engineering profession among students and promoting recognition of the importance of a technical education and a high level of math. More information about the New Faces awards and National Engineers Week can be found at www.eweek.com.

General Dynamics Advanced Information Systems, headquartered in Arlington, Va., is a leading provider of transformational mission solutions in command, control, communications, and computers, intelligence, surveillance and reconnaissance. Customers include those in the defense, intelligence, homeland security and homeland defense communities. More information is available on the Internet at www.gd-ais.com.

General Dynamics, headquartered in Falls Church, Va., employs approximately 72,200 people worldwide and had 2005 revenue of \$21.2 billion. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation. More information about the company can be found at www.generaldynamics.com.



#### News

February 24, 2006 Contact: Jessica Howe media@gd-ais.com

#### General Dynamics Donates \$25K for Educational Activities Across the Twin Cities During National Engineers Week

BLOOMINGTON, Minn. - Twin Cities area schools and associations were recently awarded more than \$25,000 in grants to support activities promoting engineering, science and technology by General Dynamics Advanced Information Systems, a business unit of General Dynamics (NYSE: GD).

In conjunction with the grants, General Dynamics sponsored events in Minnesota and nationwide during National Engineers Week beginning Feb. 20, 2006. Students from elementary through college participated in various programs with General Dynamics professionals leading hands-on activities to learn more about science and engineering.

On February 23, the Science Museum of Minnesota teamed with the Minnesota Chapter of the Society of Women Engineers to present "Sparks, Slime and Speed." The event featured hands-on activities related to engineering disciplines including mechanical, chemical, electrical, environmental, and civil engineering. In addition, visitors had the opportunity to take home their own experiment kits and meet engineering professionals, including General Dynamics employees from the Bloomington, Minn. location.

General Dynamics is also sponsoring two teams at Valley View Elementary in Bloomington, Minn., as they create Destination ImagiNation projects. Destination ImagiNation is a community-based, school-friendly program that builds creativity and encourages problem solving and teamwork in enjoyable and meaningful ways. The Destination ImagiNation Team Challenge is a challenge solved over a period of eight weeks or more. There are five competitive Team Challenges from which teams may choose, each with its own educational focus. Each Team Challenge is designed to be open-ended and solvable in many ways and on many levels.

The grants provided by General Dynamics also support other local activities, such as the following:

- Activities for the exploration of force and motion with the Friendly Hills Middle School fifth grade class in Mendota Heights,
  Minn. The grant provided K'Nex pieces, gears, motors and other materials to supplement the science unit on the physics of
  how gears work in simple machines.
- A "Visioneering" Scholarship Competition, in which graduate students at the University of Minnesota submited research ideas that could potentially solve a set of real-world research problems, defined by GDAIS scientists, that have useful applications in fulfilling our national security needs.
- Supplies for an advanced chemistry research lab at the Mounds View High School in Arden Hills, Minn.
- Tours of the Bakken Library and Museum to learn about the history of electricity and magnetism in medicine and the life sciences for students at the Minnesota Transition School in Minneapolis, Minn.
- A field trip for sixth grade students at Sky Oaks Elementary School to visit the Eagle Bluff Residential Environmental Learning Center in Burnsville, Minn. Students who participated in the natural environment learning process were taught about the wise use and stewardship of our natural resources.
- Silver sponsorship of the "What If" Young Inventors Fair, which is the accumulation of the "What If" Young Inventors Program. Over 7,000 students will compete through invention displays at local, regional and state levels. One hundred young inventors in grades 4 through 9 will display their inventions to the public at the Landmark Center in St. Paul, Minn. on Saturday, April 8, 2006.
- Fuel cell experiment kits to students at Fridley High School in Fridley, Minn. Students learned how a reversible fuel cell works to perform electrolysis and create energy and will build their own model cars that run on water.



News

April 3, 2006 Contact: Jessica Howe media@gd-ais.com

## General Dynamics Showcases Capabilities for "Operations from the Maritime Domain" at 2006 Sea-Air-Space Show

#### WHAT:

At the U.S. Navy League's Sea Air Space Exposition, General Dynamics will showcase platforms and technologies providing the speed, agility, flexibility and sustainment required by Navy's current and future forces to successfully complete operations from the Maritime Domain.

#### WHEN

April 4-6, 2006

Visit: www.sasexpo.org for show hours and entrance information.

#### WHERE

Marriott Wardman Park Hotel 2660 Woodley Road, NW Washington, D.C.

#### Featured products and programs include:

Littoral Combat Ship: General Dynamics will offer virtual-reality tours and simulations of its LCS Integrated Command Center. This command center includes several of the applications the operators will use to perform their missions. General Dynamics Littoral Combat Ship (LCS-2) is a key element of the Navy's plan to address asymmetric threats. 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 surface warfare, particularly against small surface craft.

Virginia Class Submarine: The first class of naval combatant ship designed specifically for post-Cold War missions, the Virginia has been designed from the ground up to operate as a key element of a joint naval force. Unobtrusive, non-provocative and connected with land, air, sea and space-based assets, Virginia-class ships are uniquely equipped to wage multi-dimensional warfare in the farthest reaches of the globe, providing the U.S. Navy with continued dominance in coastal waters or the open ocean. These submarines will transit submerged at high speeds, undetected, independent of sea state or logistic support. They will arrive ready for action and remain on station for extended periods.

**T-AKE Ships:** NASSCO has designed and is building the first four of 11 T-AKE dry cargo / ammunition ships expected in the class. The first new underway replenishment ship design in nearly two decades, these vessels are the first to combine international marine commercial technologies and commercial ship-design features to minimize procurement and operating costs over their projected 40-year lives. USNS Lewis and Clark, the lead ship of the class, will be delivered to the U.S. Navy later this year.

SSGN: Electric Boat is converting four Trident SSBN submarines to an SSGN configuration optimized for special operations and covert tactical strike. General Dynamics Advanced Information Systems is responsible for developing, producing and integrating the Attack Weapon Control System (AWCS) for the converted Ohio-class SSGN submarines. The first SSGN to be converted USS Ohio, was returned to service in February; re-delivery of the second ship, USS Florida, will occur in the near future. Cited by President Bush as a prime example of military transformation, SSGNs will carry Special Operations troops and up to 154 Tomahawk missiles. SSGNs also will serve as platforms to develop and test new weapons systems, sensors and operational concepts that will further transform naval warfare.

Affordable Capability: Bath Iron Works is responding to the Navy's need for increased warfighting capability at reduced cost. Within today's three key surface Navy programs, DD(X), the Littoral Combat Ship and DDG Modernization, Bath Iron Works continues to focus on three critical elements that are essential to providing and sustaining affordable warfighting capabilities - Innovation, Products, and Service to the Warfighter. Balancing these elements at each stage of a program will facilitate the goal of achieving affordable capability for the Navy.

**Special Mission Aircraft:** More Gulfstream aircraft are performing government and military service than any other large-cabin business jet aircraft in the world. More than 30 countries worldwide operate Gulfstreams, including 23 nations that use the aircraft to transport their heads of state. Within the U.S., Gulfstream aircraft account for most of the large-cabin business jets delivered to the government since 1967.

**Expeditionary Fighting Vehicle:** Developed by General Dynamics Land Systems, EFV will provide high-speed transport of embarked Marine infantry from ships located beyond the horizon to inland objectives, providing armor-protected land mobility and direct-fire support during combat operations.

**MK46 Mod 1:** A 30mm weapon station developed for the U.S. Navy, the MK46 provides the close-in gun system capability that is required by LPD-17 class ships to defend and defeat surface threats.

**MK49 Mod 0:** This remotely operated, stabilized small-arms mount enables an operator within a ship to use the on-mount optics to engage the enemy at a safe distance. The system is being developed for the U.S. Navy and SOCOM.

**Common Affordable Workstation:** Common Affordable Workstation (CAW) provides Navy and Defense Department users with an affordable, easily upgradeable, modular display console, using commercial off-the-shelf products in an open architecture system. CAW represents a cost-effective replacement for legacy displays in combat systems, propulsion control and other shipboard and airborne applications.

**Automated Storage and Retrieval System:** ASRS provides automated warehousing capabilities (similar to systems used by Wal-Mart) onboard ships. This technology-development project will be adaptable to a wide variety of ship and hold configurations, and directly supports the Navy's Seabasing goals.



## News

April 4, 2006 Contact: Jessica Howe media@gd-ais.com

#### General Dynamics Showcases Knowledge Discovery Capabilities to Tidewater Area

**WHAT:** General Dynamics Advanced Information Systems is demonstrating multiple capabilities designed for the military warfighter and homeland security applications at the 2006 National Defense Industry Association /Joint Forces Command Symposium.

WHERE: Hampton Roads Convention Center, Hampton, Va.

**WHEN:** Tuesday, April 4, 8:00 a.m. to 5:00 p.m.

Wednesday, April 5, 8:00 a.m. to 5:00 p.m.

Featured exhibit products and programs include:

Purple ICE: The Purple ICE (Integrated Computing Environment) is an enterprise knowledge discovery framework which securely brings together inter-agency information from the Department of Defense, and intelligence and law enforcement communities. The tool allows users to acquire and fuse information from different sources, undergo discovery, collaboration and analysis, and ultimately disseminate the information to others. Purple ICE helps eliminate challenges of information sharing within a secure environment while protecting the same information, its owners, and constituents. It is a premier platform; a horizontal integration of capability supported by open service-oriented architectures in a secure environment.

TextEASE: Text, Exploitation, Analysis and Study Environment, or TextEASE, is a toolkit to help users build custom applications for information discovery from text using government-off-the-shelf and commercial-off-the-shelf software packages within a plug-in/plug-out framework. It customizes search, retrieval, extraction, analysis and visualization tools to bring together information from across multiple sources, shortening the decision making time for analysts.

Counter-Improvised Explosive Device (C-IED) Trainer: Counter-Improvised Explosive Device (C-IED) Trainer allows company grade officers to virtually train on laptops as team leaders in counter-IED exercises. The trainer creates IED scenario vignettes in theater mission planning and rehearsal, and offers action review after the training, ensuring officers are prepared when entering the field. As real-world IED-related incidents are recreated as C-IED Trainer scenarios, soldiers, marines, and other military personnel will be trained on them so the lessons will be carried across the military.

Process Architecture Analysis Model: The Process Architecture Analysis Model allows users to quantitatively evaluate the workflow of command and control components in its organization. These components include tasking, workflow, communications, information exchange, and personnel and resource allocation schemes. The model allows analysts and mission planners to evaluate the strengths and weakness of a wide range of alternative organizational designs, resource allocation procedures and staff processes to determine the best options prior to experimentation, tests, exercise or fielding.



#### **News**

April 4, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics Awarded \$8 Million GIANT Contract System; Demonstration at the National Space Symposium

COLORADO SPRINGS, Colorado. - General Dynamics Advanced Information Systems, a business unit of General Dynamics Corp. (NYSE: GD), was awarded an \$8.3 million contract to provide development, analysis, operations and support of the Global Positioning System Interference And Navigation Tool (GIANT). General Dynamics is demonstrating GIANT at Booth #100 at the April 3-6 National Space Symposium in Colorado Springs, Colorado.

GIANT is a simulation tool and mission-planning aid used to determine navigation system performance and its impact on weapons system effectiveness. For instance, the system can be used to improve precision-guided munitions accuracy in a GPS-jamming environment. GIANT models the satellites and user equipment, receivers and antennae in real-world scenarios, then provides a comprehensive evaluation of the GPS environment. There are currently more than 200 registered GIANT users, spanning the acquisition, test, intelligence and operations communities.

"GIANT prepares the warfighter for real situations through simulated exercises and war gaming. It gives the analyst a more complete GPS information picture," said Ron Sizemore, Director of the Advanced Technologies and Simulations Business Group for General Dynamics Advanced Information Systems. "We plan to use GIANT in the future as the baseline for operational mission planning for the Air and Space Operations Center weapon system. No other GPS related tool has all these capabilities and this contract reflects General Dynamics' leading position as a developer of valuable GPS modeling tools for the government."

The order was issued under a blanket purchase agreement by the General Services Administration's Federal Technology Service, Greater Southwest Region, and runs through March 13, 2011. Work will be performed for the U.S. Air Force Space and Missile Systems Center Strategic Plans and Development Directorate in Los Angeles, California, and developed in Dayton, Ohio, and Colorado Springs, Colorado.

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General Dynamics, headquartered in Falls Church, Virginia, employs approximately 72,200 people worldwide and had 2005 revenue of \$21.2 billion. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation. More information can be found online at <a href="https://www.generaldynamics.com">www.generaldynamics.com</a>.

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Any "forward-looking statements" contained in this press release are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. For more information, see Forward Looking Statement.



## **News**

April 5, 2006 Contact: Jessica Howe media@gd-ais.com

## General Dynamics Advanced Information Systems Awarded \$9.5 Million for Combat Systems Engineering

ARLINGTON, Va. - General Dynamics Advanced Information Systems, a business unit of General Dynamics (NYSE: GD), has received a \$9.5 million contract modification for continued combat systems engineering for the U.S. Navy's Program Executive Office, Integrated Warfare Systems (IWS).

The work focuses on software systems engineering design, advanced combat system architectural schemas (such as General Dynamics' Common Network Interface), analysis of newly emerging technologies and strategies to bring these technologies to the warfighter. It will also develop low-cost prototypes and tactical units to support PEO (IWS) programs and family of systems. The analysis will focus on the introduction of combat systems using open architecture constructs and will be designed to assess current and future capabilities in the areas of track formation, improvements in display architecture and frameworks, and merging of track files to support weapons deployment.

Work will be performed in Fairfax and Virginia Beach, Va., and is expected to be completed in September 2007. The Naval Sea Systems Command, Washington D.C. is the contracting authority.

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#### News

April 27, 2006 Contact: Jessica Howe media@dd-ais.com

#### General Dynamics Awarded U.S. Air Force Simulation and Analysis Facility Contract

DAYTON, Ohio - The U.S. Air Force has awarded General Dynamics Advanced Information Systems one of three indefinite delivery/indefinite quantity contracts to provide capabilities integration services to its Aeronautical Systems Center Simulation and Analysis Facility. The contract has a ceiling value of \$50 million over three years. Services to be provided include software development, event planning and execution, analysis and enterprise capabilities integration process support related to Air Force simulation activities. General Dynamics Advanced Information Systems is a business unit of General Dynamics (NYSE: GD).

Work will be performed at Wright-Patterson Air Force Base, Ohio, and is expected to be completed by December 2008. The contract was awarded by the Air Force Materiel Command, Air Force Aeronautical Systems Center, Capabilities Development and Integration Directorate.

"This services contract allows the General Dynamics team to help the Air Force's Simulation and Analysis Facility contribute to modernizing and sustaining the world's best aerospace systems," said Cindy Martin, program manager at General Dynamics Advanced Information Systems. "Our responsive, capable, best-of-breed team is ready to provide the tools and analyses the Air Force needs to increase mission effectiveness, accelerate acquisition timelines, mitigate program risk and reduce total operating costs of future weapon systems."

The Aeronautical Systems Center Simulation and Analysis Facility provides the Air Force with a real time, high-fidelity, human-in-the-loop synthetic battlespace to rapidly evaluate network-enabled warfighting capabilities, current and future weapon systems, strategies, concept of operations, tactics, emerging technologies and human-system interfaces.

The General Dynamics team includes the following teammates: L-3 Communications, Ball Aerospace & Technologies Corp., Booz Allen Hamilton, Gestalt LLC, Alion Science and Technology, Lighthouse Technologies Inc., Scientific Research Corp., Digital Research Analysis Corp., BearingPoint, Abacus Technology Corp., James Gregory Associates, CACI, Virtual Technology Corp., Cole Engineering Services Inc., Sytronics Inc., and SET Corp.

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#### **News**

April 28, 2006 Contact: Jessica Howe media@gd-ais.com

#### General Dynamics Payload Control Processor Runs Primary Science Instrument on CALIPSO Spacecraft Launched Today

VANDENBERG AFB, Calif. - General Dynamics Advanced Information Systems provided the payload control processor for the Cloud-Aerosol Lidar and Infrared Pathfinder Satellite Observations (CALIPSO) spacecraft, which was launched today at 3:02 a.m. PDT from Vandenberg Air Force Base in Calif. The processor will be used by the primary science instrument, a light detection and ranging (lidar) system. Data gathered will help NASA and other science communities better predict climate changes and improve weather forecasts. General Dynamics Advanced Information Systems is a business unit of General Dynamics (NYSE: GD).

Once launched, a spacecraft depends on reliable electronics to maximize mission life. General Dynamics employs a three-level reliability strategy that avoids faults, allows continuous operation with failed or upset components and has functional redundancy. The expected duration of the CALIPSO mission is three years.

"Our payload control processor is the brains of the lidar instrument and provides tremendous processing speed in a reconfigurable design that is exceptionally hardened against radiation upsets," said Jim Stockdale, vice president with the Surveillance and Reconnaissance Systems business unit for General Dynamics Advanced Information Systems.

General Dynamics' single-board computer offers a preferred balance of processing speed, fault tolerance, weight and power consumption. The General Dynamics patented PowerPC<sup>TM</sup> based computer chip array includes a high-speed 240 MHz general-purpose processing engine that can operate in a harsh radiation environment. In addition, tightly integrated open systems offer the functionality normally required by three separate modules in a lower-cost single computer board.

General Dynamics provided the processor as part of its contract with Ball Aerospace and Technologies Corp., who developed the lidar instrument to provide three-dimensional observations of clouds and small atmospheric particles. The CALIPSO spacecraft is one of four Earth-observing satellites that will fly in orbital formation to provide multiple observational approaches.

General Dynamics designs, develops, integrates, tests and manufactures the Integrated Spacecraft Computer product family, which includes modular processors, interfaces and power supplies, in Bloomington, Minn. That organization has provided spacecraft computers for more than 30 years and has delivered more than 60 on-board computers to various space programs. The Bloomington operation recently achieved the Software Engineering Institute's (SEI) Capability Maturity Model® Integration (CMMI®) Level 5 rating - the highest rating attainable.

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## News

May 1, 2006 Contact: Jessica Howe media@gd-ais.com

#### General Dynamics Awarded \$9.6 Million for Technology Management System Services

LOS ANGELES - General Dynamics Advanced Information Systems, a business unit of General Dynamics (NYSE: GD), was awarded a \$9.6 million contract for implementation and support of a Livelink Knowledge Management System, an intranet solution for collaborative knowledge management, at the Space and Missile Systems Center at the Los Angeles Air Force Base, Calif. Support includes around-the-clock availability with a 99.9 percent uptime, staffing a Livelink helpdesk and training 6,000 users; implementation includes engineering services to develop and execute business processes to address information management for the organization.

"General Dynamics will provide the Space and Missile Systems Center with the ability to install a secure intranet solution for collaborative knowledge management. The General Dynamics solution improves the Center's ability to manage and share information, which is critical to the space and missile missions it provides to the joint warfighter and our nation," said Steve Eng, program manager at General Dynamics Advanced Information Systems.

Work will be performed in Los Angeles and is expected to be completed by 2011. Livelink Knowledge Management System is a product of Open Text<sup>TM</sup>.

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#### News

May 4, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics' GeoWorx Software Product is First Commercial Software Package to Achieve NITF Registration for Controlled Image Base®

YPSILANTI, Mich. - The Joint Interoperability Test Command (Fort Huachuca, Ariz.) has registered GeoWorx software, produced by General Dynamics Advanced Information Systems, for compliance with Controlled Image Base (CIB)® specifications as determined by the National Imagery Transmission Format Standards for exchange, storage and transmission of digital-imagery products. This is the first time a commercially available software package has been registered for compliance with CIB. General Dynamics Advanced Information Systems is a business unit of General Dynamics (NYSE: GD).

"This designation gives GeoWorx an elite status in the marketplace," says Jay McConville, vice president of General Dynamics Advanced Information Systems' reconnaissance and surveillance solutions line of business. "GeoWorx provides a highly automated solution to government and commercial image producers who need to meet the content standards of CIB®."

Produced in Ypsilanti, Mich., GeoWorx is an image processing suite of tools which can provide the warfighter with highly accurate, integrated image maps. GeoWorxTM compiles multiple image sources, then compresses and reformats them for consistent presentation via different user displays.

The Joint Interoperability Test Command is a field command of the Defensive Information Systems Agency that provides information systems test and evaluation services to all of the Department of Defense, other federal agencies, state and local governments, and private industry. The National Geospatial-Intelligence Agency is a member of the U.S. Intelligence Community and a Department of Defense Combat Support Agency that provides timely, relevant, and accurate geospatial intelligence in support of national security objectives.

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## News

May 7, 2006 Contact: Jessica Howe media@gd-ais.com

#### General Dynamics Sponsors Sally Ride Science Festival at George Mason University

**WHAT:** General Dynamics Advanced Information Systems is sponsoring the Sally Ride Science Festival, a science fair that focuses on increasing and supporting interest among girls, ages 9-14, in science, math and technology. Sally Ride Festivals is one of the initiatives supported by the company to increase students' interest in science and engineering, as graduates in these programs are decreasing nationwide.

WHERE: George Mason University, Fairfax, Va. WHEN: Sunday, May 7, 11 a.m.-4:15 p.m.

The Sally Ride Science Festival in Fairfax, Va. will include a street fair with hands-on activities, booths, food and music; a talk by astronaut Kathryn Thornton; discovery workshops given by local women in math, science and technical professions; and workshops for parents and teachers outlining ways to support girls' interest in these academic disciplines.

At the General Dynamics booth, visitors will try hands-on experiments and view demonstrations on remote sensing and synthetic aperture radar technology. Laura Crenshaw, a senior geographical information system analyst at General Dynamics, will conduct a discovery workshop titled "Shipwrecked!", which will explore geographical information systems and the use of General Dynamics' Maritime Global Database to discover shipwrecks at the bottom of the ocean. She will also lead visitors in demonstrations to clean "treasure" that has been exposed to the elements.

To learn more about the Sally Ride Science Festivals visit the website at www.sallyridefestivals.com.

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## **News**

May 9, 2006 Contact: Jessica Howe media@gd-ais.com

## General Dynamics Advanced Information Systems Honored With 2006 Minnesota Business Ethics Award

BLOOMINGTON, Minn. - General Dynamics Advanced Information Systems in Bloomington, Minn., has received the 2006 Minnesota Business Ethics Award. This award recognizes Minnesota businesses that exemplify and promote ethical conduct for the benefit of the workplace, marketplace, environment and the community. General Dynamics was recognized in the large business category for companies with more than 500 employees. With this win, General Dynamics will advance to a national ethics award competition. General Dynamics Advanced Information Systems is a business unit of General Dynamics (NYSE:GD).

"Receiving this year's Minnesota Business Ethics Award is a positive reflection on our company's value system, which our employees and leadership embody each day," said Jim Stockdale, vice president with the Surveillance and Reconnaissance Systems business for General Dynamics Advanced Information Systems. "We are proud of our culture of honesty and integrity."

The annual Minnesota Business Ethics Award is sponsored by the Twin Cities Chapter of the Society of Financial Service Professionals, the Center for Ethical Business Cultures, and the Rotary Clubs of Edina and White Bear Lake. The award was presented during a banquet on May 4.

General Dynamics was honored for its exemplary standards of business ethics and conduct that go beyond commonly accepted practices. Of note are the company's annual President's Ethics Award, given to a peer-nominated employee who has demonstrated the highest standards of integrity and ethical business conduct, and the systematic training its management receives regarding their role as ethics leaders.

General Dynamics Advanced Information Systems, headquartered in Arlington, Va., is a leading provider of transformational mission solutions in command, control, communications and computers, intelligence, surveillance and reconnaissance. The company has been providing software products for more than a decade and also provides comprehensive training and support programs. Customers include those in the defense, intelligence, homeland security and homeland defense communities. More information is available on the Internet at www.gd-ais.com.

General Dynamics is headquartered in Falls Church, Va., employs approximately 72,200 people worldwide and had 2005 revenue of \$21.2 billion. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation. More information about the company can found at www.generaldynamics.com.



## News

May 18, 2006 Contact: Jessica Howe media@qd-ais.com

#### Four Local Students Receive National Merit® Scholarships

ARLINGTON, Va. - Four local high school seniors were selected to receive \$2,500 awards from the National Merit Scholarship program; the awards were sponsored by General Dynamics (NYSE: GD). The scholarship recipients are:

- John P. Thelen of Ann Arbor, Mich.
- Daniel P. Burgener of Ann Arbor, Mich.
- Natalie M. Wiseman of Ann Arbor, Mich.
- William B. Kang of Las Vegas, Nev.

The students are children of General Dynamics Advanced Information Systems employees.

The National Merit Scholarship Award is given by the National Merit Scholarship Corporation, a non-profit organization that honors the nation's scholastics champions and encourages academic excellence at all levels of education. Every year, more than one million high school students participate in the National Merit Scholarship program. Only 8,200 were selected to receive the cash awards based on scores from their Prestatistical Aptitude Tests (PSAT) tests, personal essays and recommendations from their high-school teachers and administrators. Merit Scholarship winners are the award candidates judged to have the strongest combination of academic skills and achievements, extracurricular accomplishments, and potential for success in rigorous college studies.

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## **News**

May 25, 2006 Contact: Jessica Howe media@gd-ais.com

#### General Dynamics LCS Open Architecture Approach Gives U.S. Navy Best-of-Industry Capabilities

ARLINGTON, Va. - The General Dynamics Littoral Combat Ship (LCS) team has applied its proven open architecture and open business model approach to provide the U.S. Navy with the most capable, most affordable, best-of-industry, non-proprietary solutions for Independence, the first General Dynamics ship, now under construction in Mobile, Ala., and the second General Dynamics ship, which is expected to be awarded later this year.

"The General Dynamics open architecture approach uniquely enables us to provide the Navy with the optimum solution at any point in time and enables us to integrate leading products as they become available," said Mike Tweed-Kent, vice president and general manager of maritime digital systems for General Dynamics Advanced Information Systems.

General Dynamics' open architecture and open business model approach facilitates capability upgrades and reduces future costs through continual industry competition, resulting in the best solution for the U.S. Navy. This model uses an open architecture technical infrastructure, published interfaces, strict adherence to industry standards, and commercially available products to prevent any contractor from locking a customer into proprietary systems that eliminate competition and limit customer access to alternatives.

"We currently have a solid LCS team in place and this open, competitive, best-of-industry process is one step to ensure that we will continue to give all combat system and electronics suppliers the opportunity to show us what they can bring to bear for our core mission system in the next phase of the program," said Tweed-Kent.

"Our open business model approach allows us to select the best suppliers to provide the U.S. Navy with cutting edge technology at an affordable cost. This process directly helps the U.S. Navy save money by making it possible to incorporate and upgrade functionality at a level that fosters innovation and competition."

The General Dynamics team will conduct an open competition to identify the best combat system capabilities, shipboard electronics and software for the third General Dynamics LCS and follow-on ships. To kick off its best-of-industry process, on May 31, 2006, from 8 a.m. to noon (EDT), at the Washington Dulles Marriott at 45020 Aviation Drive in Dulles, Va., the team will share its approach and discuss upcoming opportunities in the next phase of the LCS program for current and potential industry suppliers. The industry day is open to all suppliers in the areas of command and control, communications, sensors, weapons, effectors, sea frame control, displays and electronics. For more information and to register, visit <a href="http://www.gdlcs.com/resources\_industry.html">http://www.gdlcs.com/resources\_industry.html</a>.

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## **News**

June 12, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics Showcases Counter-Improvised Explosive Device Trainer at the IED 2006 Symposium and Expo

#### WHAT:

General Dynamics Advanced Information Systems is demonstrating its Counter-Improvised Explosive Device (C-IED) Trainer at the IED 2006 Symposium and Expo

#### WHEN:

Monday, June 12 - 3:00 p.m. to 7:00 p.m. (Preview and VIP Reception) Tuesday, June 13 - 8:00 a.m. to 6:30 p.m. Wednesday, June 14 - 8:00 a.m. to 2:00 p.m.

#### WHERE:

Crown Expo Center, Fayetteville, N.C. Booth #504

Today's warfare consists of much more than engaging the enemy on the battlefield. Improvised Explosive Devices (IEDs) are deadly weapons that are not easy to detect or defend against. U.S. troops have encountered IEDs and casualties have occurred as a result. IEDs are increasingly being used by the enemy to terrorize civilians, disrupt missions, and gain tactical advantages. General Dynamics Advanced Information Systems laptop-based Counter-IED (C-IED) Trainer allows company grade officers and non-commissioned officers to participate as convoy commanders in virtual counter-IED exercises. The trainer creates real-world IED scenarios in mission planning and rehearsal and offers action review after the training. Trainees follow the joint multi-service tactics, techniques, and procedures for tactical convoy operations, preparing them for real combat encounters.

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#### News

June 29, 2006 Contact: Jessica Howe media@gd-ais.com

# U.S. Joint Forces Command Extends General Dynamics Contract for Engineering and Technical Support

SUFFOLK, Va. - General Dynamics Advanced Information Systems, a business unit of General Dynamics (NYSE: GD), has been awarded a \$95.5 million contract extension to continue its support of the U.S. Joint Forces Command's Joint Experimentation Program and Joint Futures Lab. Work will be performed in Suffolk, Va., and includes engineering, technical and administrative services for joint concept development and prototyping.

This award is to execute Option II, Lot III of a five-year contract awarded in February 2004, extending the term of the original contract until July 2007. The total value of the contract to date, including this option, is \$277.7 million. The U.S. Navy Fleet and Industrial Supply Center Norfolk, Philadelphia Detachment, awarded the modification in support of the Joint Forces Command.

General Dynamics has supported the Joint Experimentation Program since 1998 and holds separate contracts to support the Joint Forces Command's Joint Systems Integration Command, Advanced Concept Technology Demonstration Program, and Joint Warfighting Center.

The Joint Experimentation Program's mission is to develop, explore, test and assess new joint warfighting concepts, organizational structures and emerging technologies through discovery, innovation and experimentation in order to drive transformational changes that achieve the optimal future joint force capability. The Joint Experimentation Program supports the military services, combatant commanders, government agencies, multinational partners and others in validating future joint concepts and providing recommendations to military and civilian leadership. Program success is measured in improved future military capabilities placed in the hands of warfighters and improved coalition capabilities in multinational operations.

General Dynamics also supports the Joint Futures Laboratory (JFL) as part of this contract. This 111,000-square-foot laboratory opened in 2003 and expanded the facilities of the permanent Distributed Continuous Experimentation Environment laboratory. With its state-of the-art modeling and simulation systems, Joint Forces Command is able to collaboratively conduct and distribute experiments worldwide. This robust venue for classified and unclassified electronically-distributed experimentation offers a world-class resource where concepts may be repeatedly examined from the time they emerge as potentially good ideas, through various discovery events, to their ultimate transition to the operational forces.

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## **News**

June 29, 2006 Contact: Jessica Howe media@gd-ais.com

#### General Dynamics Advanced Information Systems Releases New and Enhanced GeoWorx 9.2

YPSILANTI, Mich. - General Dynamics Advanced Information Systems today released the new GeoWorx 9.2, updating the current imagery software with new features that will simplify production and increase the quality of images. GeoWorx is a suite of image processing tools that provide warfighters with highly accurate, integrated image maps. GeoWorx compiles multiple image sources, then compresses and reformats them for consistent presentation via different user displays.

Specific enhancements in GeoWorx 9.2 include:

- Support for files greater than 2 gigabytes in size, simplifying the creation of Controlled Image Base® (CIB®), and resulting in a superior product
- Support for making two byte per overlay mosaics
- Streamlined interface for resampling imagery that handles multiple input sources
- Automated installation software
- Improved metadata handling
- Enhanced National Imagery Transmission Format (NITF) import capability

The GeoWorx<sup>™</sup> software was recently designated the first commercially available software package to comply with CIB® specifications as determined by the NITF standards for exchange, storage and transmission of digital-imagery products.

"The release of this upgraded commercial software package, teamed with GeoWorx' recent CIB certification, is a significant development for the geospatial-intelligence community and will directly improve analysts' production efficiency and product quality," said Jay McConville, vice president of reconnaissance and surveillance solutions at General Dynamics Advanced Information Systems. "Companies and agencies providing geospatial intelligence products and services can now benefit from the expanded capabilities and validated, cutting-edge scientific applications they need for their CIB production efforts."

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## News

July 26, 2006 Contact: Jessica Howe media@qd-ais.com

#### General Dynamics Selected as Prime Contractor Under DHS EAGLE Program

FALLS CHURCH, Va. - The Department of Homeland Security (DHS) has awarded General Dynamics (NYSE: GD) an information technology support services contract under the DHS Enterprise Acquisitions Gateway for Leading Edge Solutions (EAGLE) program.

EAGLE is a multiple-award, indefinite-delivery, indefinite-quantity contract that will enable DHS business and program units to accomplish their mission objectives. General Dynamics and other awardees will compete for individual EAGLE task orders. There is no initial contract value.

"General Dynamics has the breadth of capability, technical talent and resources to provide superior solutions and capabilities to the Department at this time of heightened national security," said Jerry DeMuro, executive vice president of the General Dynamics Information Systems and Technology business group. "General Dynamics is proud to have been selected by the Department of Homeland Security as an EAGLE awardee."

General Dynamics will provide the full range of services, technical and management expertise, and solution-related enabling products to meet worldwide mission needs of DHS. The four EAGLE functional categories in which General Dynamics can provide support include infrastructure engineering design, development, implementation and integration; operations and maintenance support; software development; and management support services.

Among its key offerings, General Dynamics provides tactical and strategic mission systems, intelligence mission systems and network infrastructure and information technology services to U.S. civilian federal agencies, defense customers and the national security community, as well as customers around the world.

Headquartered in Falls Church, Va., General Dynamics employs approximately 81,900 people worldwide and had 2005 revenue of \$21.2 billion. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation. More information about the company can be found at www.generaldynamics.com.



## News

August 30, 2006 Contact: Jessica Howe media@gd-ais.com

## General Dynamics Advanced Information Systems Successfully Completes First AN/SSX-1 Production Contract

FAIRFAX, Va. - General Dynamics Advanced Information Systems has delivered ten AN/SSX-1 systems for the U.S. Navy's Surface Electronic Warfare Improvement Program (SEWIP). The AN/SSX-1 electronic warfare system supports a variety of missions including maritime interdiction operations against weapon, chemical and drug smuggling. These missions are accomplished by collecting precision electronic parametric data and correlating it to specific transmissions from ships and aircraft. Once installed, the system will be the SEWIP program's first capability delivered to the U.S. Navy Fleet to aid in homeland defense.

"The AN/SSX-1 system provides an affordable, critical capability to the U.S. Navy maritime interdiction operations mission for homeland defense," said Mark Weidman, program manager at General Dynamics. "This successful test and delivery was a result of close collaboration with our Navy partners to provide an effective solution and has resulted in additional orders for the product from the Navy and Coast Guard."

The AN/SSX-1 system was awarded to General Dynamics as a contract modification to the Naval Sea Systems Command's systems integrator efforts for SEWIP and consisted of ten units incrementally delivered from March through June 2006. The production effort included integration and calibration of subsystems, acceptance testing and final product delivery. Total value of the program is \$3.2 million.

SEWIP is a spiral-development upgrade and replacement program for the AN/SLQ-32 electronic warfare system aboard several classes of Navy combatant ships. This system has been the primary electronic warfare and anti-ship missile defense system since the early 1980s.

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## **News**

August 31, 2006 Contact: Jessica Howe media@gd-ais.com

#### General Dynamics Celebrates U.S. Navy's AN/AYK-14 Airborne Computer System 30th Anniversary

BLOOMINGTON, Minn. - General Dynamics Advanced Information Systems and the U.S. Navy celebrated the 30th anniversary of the AN/AYK-14 Navy Standard Airborne Computer today during a ceremony at the computer's manufacturing and support center. Members of the Naval Air Systems Command's Air Combat Electronic program office (PMA-209), including Capt. Gregory Silvernagel, PMA209 program manager, and Rex Coombs, AYK-14 lead engineer and integrated program team lead, joined executives and hundreds of employees from General Dynamics to recognize the team's accomplishments.

The AN/AYK-14 computer incorporates commercially available components to provide system or embedded mission processing capabilities for multiple U.S. and allied platforms. It is still in use on more than 1,000 Navy fleet aircraft, including the F/A-18, AV-8B, and the EA-6B. General Dynamics has provided more than 10,000 units over the past three decades.

"The impressive accomplishment of the AYK-14 supporting the warfigher for 30 years could not have been accomplished without the outstanding performance of a truly integrated industry and government team. AYK-14 has set the mark for efficiently maximizing capability across multiple Naval aircraft types," said Capt. Silvernagel during the ceremony. "In an era of tight military budgets, AYK-14 provides an example of how to get the most capability out of every dollar."

While unveiling a plaque for the Navy team, Jim Stockdale, vice president of missions systems at General Dynamics Advanced Information Systems, said "The longevity of the AN/AYK-14 is a testament to the PMA209's vision of common avionics and the strength of our industry and government team. Congratulations and thank you for a long partnership that has made a difference to the fleet."

The Navy's vision for the AYK-14 was to provide a common, modular and reconfigurable airborne mission computer that used advanced technologies. Faced with a growing number of proprietary and unique mission computers, the Assistant Secretary of the Navy directed the development and procurement of the AYK-14 in 1976. During that same year, the first contract was awarded to Control Data Corp., later acquired by General Dynamics Corp.

The AN/AYK-14's comprehensive, proactive upgrade program ensures long-term supportability for the fleet. General Dynamics will provide spare systems and repairs to current systems through 2030. The current total contract value has exceeded \$2 billion over the life of the contract.

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## News

October 27, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics Awarded Australian Installation and Training Contract for Multimedia Analysis and Archive System

FAIRFAX, Va. - The Australian Department of Defence has awarded General Dynamics Advanced Information Systems a contract for installation and training of its Multimedia Analysis and Archive System (MAAS) in support of the North West Shelf Multimission Unmanned Aerial Systems Trial. This trial is to assess the maritime surveillance potential of UAVs in providing an enhanced layer of security in Australia's northern approaches, and the utility of UAVs as a component in an integrated national surveillance network. Services to be provided include customizing and installing the system, as well as training the Defence Science and Technology Organisation (DSTO) staff and RAAF and Navy crew members in the trial. The Multimedia Analysis and Archive System provides for real-time digitization, exploitation, and reporting of data received from the vehicles. All of the original digitized data received and any analysis will be stored in libraries which can be queried via keyword, metadata, latitude/longitude, or document content searches.

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## News

November 3, 2006 Contact: Jessica Howe media@qd-ais.com

# General Dynamics Awarded \$56 Million Engineering and Support Contract for TRIDENT Ballistic Missile System

ARLINGTON, Va. - The U.S. Navy has awarded General Dynamics Advanced Information Systems, a business unit of General Dynamics (NYSE: GD), a \$56 million contract modification to provide production, operational support, field engineering services, repair and return effort, and development for the TRIDENT II Fire Control System. The contract also includes SSGN Attack Weapons Control Systems life cycle cost control and technology refresh work.

Work will be performed by existing employees in Pittsfield, Mass., and is expected to be completed by December 2009. The contract has a total potential value of \$111 million if all options are exercised.

"General Dynamics has a strong history with the Navy's Strategic Systems Programs. We are proud to have the opportunity to continue to deliver highly reliable, innovative, open-architecture systems in support of the Navy and the nation," said Mike Tweed-Kent, vice president and general manager of Maritime Digital Systems at General Dynamics Advanced Information Systems.

General Dynamics Advanced Information Systems designs, develops, manufactures, integrates, operates and maintains mission systems for defense, space, intelligence, surveillance, reconnaissance, homeland security and homeland defense customers. The company specializes in ground systems; imagery processing; mission payloads; space vehicles; maritime subsurface, surface and airborne mission systems; and tasking, collection, processing, exploitation and dissemination programs for national intelligence. More information is available on the Internet at www.qd-ais.com.

General Dynamics, headquartered in Falls Church, Virginia, employs approximately 81,100 people worldwide and expects 2006 revenue of approximately \$24 billion. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation. More information about the company is available online at www.generaldynamics.com.



## **News**

November 7, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics Awarded \$13 Million System Integration Contract for Surface Electronic Warfare Improvement Program

FAIRFAX, Va. - The U.S. Navy has awarded General Dynamics Advanced Information Systems, a business unit of General Dynamics (NYSE: GD), a \$13 million contract modification to provide program management, systems engineering, software engineering, specialty engineering, integration and test, integrated logistics support, training and installation-support functions required for Block 1A, 1B1 and 1B2 of the Surface Electronic Warfare Improvement Program (SEWIP).

SEWIP is a spiral-development block upgrade program for the AN/SLQ-32 Electronic Warfare (EW) system installed on all combatant and auxiliary ships in the U.S. Navy. The AN/SLQ-32 has been the Navy's primary EW and antiship missile defense system since the early 1980s.

Work will be performed in Fairfax, Va., and is expected to be completed by October 2007.

"The SEWIP program is providing block upgrades to the fleet using a rapid capability insertion process to improve the electronic warfare capability and to provide an open system that will enable cost effective upgrades," said Mike Tweed-Kent, vice president and general manager of Maritime Digital Systems at General Dynamics Advanced Information Systems.

The Block 1A upgrades, which were approved for full-rate production in August, replace the original processor with the Electronic Surveillance Enhancement processor and the display console with the AN/UYQ-70, both of which are integrated with improved control and display software. Block 1B adds Specific Emitter Identification (SEI) capability and will be deployed initially in Block 1B1 as stand-alone AN/SSX-1 systems. These Block 1B systems will integrate SEI and other capabilities in Block 1B2, which is currently undergoing factory qualification testing.

General Dynamics Advanced Information Systems designs, develops, manufactures, integrates, operates and maintains mission systems for defense, space, intelligence, surveillance, reconnaissance, homeland security and homeland defense customers. Headquartered in Fairfax, Va., the company specializes in ground systems; imagery processing; mission payloads; space vehicles; maritime subsurface, surface and airborne mission systems; and tasking, collection, processing, exploitation and dissemination programs for national intelligence. More information is available on the Internet at www.gd-ais.com.

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## **News**

December 1, 2006 Contact: Jessica Howe media@gd-ais.com

#### U.S. Air Force Extends General Dynamics Contract for Integration Engineering Support

FAIRFAX, Va. - General Dynamics Advanced Information Systems, a business unit of General Dynamics (NYSE: GD), has been awarded a \$7.4 million contract to continue integration support of the Distributed Common Ground System (DCGS) for the U.S. Air Force.

General Dynamics is supporting the activation and integration of new DCGS sites, capabilities and technology upgrades, including systems and network engineering, configuration management, integrated scheduling and site support. Work under this contract will be conducted at Hanscom Air Force Base in Massachusetts, and at additional sites in the U.S., Europe and Asia.

DCGS is a worldwide, distributed, network-centric, system-of-systems architecture for conducting collaborative intelligence operations. DCGS provides both physical and electronic distribution of intelligence, surveillance and reconnaissance data, processes, and systems. General Dynamics is supporting the Air Force's objective to evolve the DCGS configuration, with minimal impact on ongoing intelligence, surveillance and reconnaissance operations, into a seamless, distributed system-of-systems.

This award is the sixth and final option year of the integration support contract, which was originally awarded in September 2001. The total value of the contract, including this extension, is \$68.8 million. General Dynamics leads an integration team that includes SRA International; Zel Technologies, LLC; and International Telephone & Telegraph. The DCGS is produced by Raytheon.

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News
December 8, 2006
Contact: Jessica Howe
media@gd-ais.com

#### General Dynamics Awarded \$208 Million for Second Trimaran Littoral Combat Ship

BATH, Maine - The U.S. Navy today 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. Bath Iron Works is a subsidiary of General Dynamics (NYSE: GD).

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, Alabama.

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. It meets Navy open architecture requirements, strictly adheres to published industry standards and facilitates the integration of commercially available products. It allows for future growth and seamlessly integrates domestic and foreign combat components to create a core mission system solution that dramatically lowers acquisition and lifecycle costs.

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

Bath Iron Works of Bath, Maine, is a leading designer and builder of complex surface combatants for the U.S. Navy and employs approximately 5,600 people. General Dynamics, headquartered in Falls Church, Va., employs approximately 81,100 people worldwide, and expects 2006 revenues of approximately \$24 billion. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation. More information can be found online at <a href="https://www.generaldynamics.com">www.generaldynamics.com</a>.

For high resolution images and more information about the General Dynamics Littoral Combat Team, visit <a href="www.gdlcs.com">www.gdlcs.com</a> # # #



## **News**

December 18, 2006 Contact: Jessica Howe media@gd-ais.com

# General Dynamics Awarded \$10 Million to Continue Producing Submarine Multi-Purpose Processors and Monitoring Systems

ARLINGTON, Va. - The U.S. Navy's Naval Sea Systems Command has awarded General Dynamics Advanced Information Systems, a business unit of General Dynamics (NYSE: GD), a \$10 million contract modification to continue producing multi-purpose processor systems and total ship monitoring system kits as part of the Acoustic Rapid Commercial Off-The-Shelf Insertion (A-RCI) program for submarines.

Work under this contract includes the production of seven processor systems, nine ship monitoring systems and associated spares in support of submarine modernization. The multi-purpose processor system is a combination of hardware and software that enables submarines to process acoustic signals collected by towed and hull arrays, sphere arrays and the ship monitoring system. The processed data provides valuable information regarding the location of nearby vessels and increases the survivability and lethality of the submarine. These systems are installed in SSN 688, SSN 688I, SSN 774, SSN 21, SSGN and SSBN 726 class submarines, and are major subsystems of the A-RCI program.

Work under this contract modification will be performed in Fairfax, Va., and is expected to be completed by July 2008.

This award modifies a contract originally awarded in December 2003; including this modification, the cumulative value of the contract is \$127 million.

General Dynamics Advanced Information Systems designs, develops, manufactures, integrates, operates and maintains mission systems for defense, space, intelligence, surveillance, reconnaissance, homeland security and homeland defense customers. Headquartered in Fairfax, Va., the company specializes in ground systems, imagery processing, mission payloads, space vehicles; maritime subsurface, surface and airborne mission systems; and tasking, collection, processing, exploitation, and dissemination programs for national intelligence. More information is available on the Internet at www.qd-ais.com.

General Dynamics, headquartered in Falls Church, Va., employs approximately 81,100 people worldwide, and expects 2006 revenues of approximately \$24 billion. The company is a market leader in mission-critical information systems and technologies; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and business aviation. More information can be found online at <a href="https://www.generaldynamics.com">www.generaldynamics.com</a>.