

A Zenit-3SL vehicle lifts off from the Odyssey Launch Platform in the Pacific Ocean. With this June 18 launch, Sea Launch successfully delivered PanAmSat's Galaxy 16 communications satellite to geosynchronous transfer orbit.

SEA LAUNCH PHOTO

ENERGY MANAGEMENT HONORS 6 TEAMS' ACTIVITIES

The Energy Management organization honored six Boeing teams last month for outstanding and innovative energy-conservation projects.

"By reducing energy use at Boeing, these teams contribute to the Boeing Internal Services Productivity initiative," said John Norris, U.S. Southern and Eastern regional energy manager for Boeing Energy Management, an organization within Shared Services Group's Site Services unit. "Everyone can learn from their insights to improving our operating efficiency."

Teams from Boeing sites throughout the United States submitted 22 nominations from projects in 2005 that resulted in savings of more than \$2.9 million and netted rebates from local energy utilities of \$1.78 million.

Norris said the Boeing Energy Award both recognizes energy-saving achievements and helps spread good ideas throughout the company.

Each team received a 2005 Boeing Energy Award at a ceremony in Renton, Wash. The winning teams are

- Anaheim (Calif.) Technocrats Team. Members: Ashok Varma, Bill Tolman, Steve Emmi, Ernst Bucher, Steve Evans, Tony Ciaramitaro.

- Long Beach (Calif.) Controls Upgrade Team. Members: Jeff Haberman, Tom Mohler, Steve Ashford.

- El Segundo (Calif.) Lighting Improvement Team. Members: Rick Hallock, John Concialdi, Jack Shannon, Ken Patterson.

- St. Louis Systems Replacement Team. Members: James Danielson, Michael Brugnara, John Ferguson, James Reiter, Richard Koch, Donald Hager, Kevin Arcynski, Darrel Caselton, Billy Rollins, David Estes.

AROUND BOEING

- Frederickson (Wash.) Chiller Replacement Team. Members: Kyle Chandler, Jon Larscheid, Dave Putnam.
- El Segundo Employee Awareness Team. Members: Rick Hallock, Dan Konkel, Mas Nakawatase, Gary Robinson, Chuck Spanski, James Trejo, Christina Lupichuk.

DELTA II, SEA LAUNCH RECORD SUCCESSFUL LAUNCHES

The Boeing Delta II program and Sea Launch recorded successful rocket launches in June.

A Boeing Delta II launch vehicle on June 21 successfully carried into orbit an experimental payload for the joint U.S. Defense Advanced Research Projects Agency (DARPA), U.S. Air Force and U.S. Naval Research Laboratory team.

Liftoff of the Delta II 7925-9.5 configuration vehicle took place from Cape Canaveral Air Force Station, Fla. The payload was successfully deployed approximately 30 minutes after liftoff.

Jointly developed by DARPA, the Air Force and the Navy, the Micro-Satellite Technology Experiment (MiTeX) is an experimental payload that will help identify, integrate, test and evaluate small satellite technologies. The Naval Research Laboratory provided the upper stage used to propel MiTeX into geosynchronous orbit.

Meanwhile, Sea Launch on June 18 successfully delivered PanAmSat's Galaxy 16 communications satellite to geosynchronous transfer orbit. A Zenit-3SL vehicle lifted off from the Odyssey Launch Platform, positioned at 154 degrees west longitude in the equatorial Pacific Ocean. A ground station at Hartebeesthoek, near Pretoria, South Africa, acquired the first signal from the satellite shortly after spacecraft separation. With this mission, Sea Launch has now successfully launched four satellites for PanAmSat and 20 satellites overall.

Boeing is one of four international partners in Sea Launch.

PROFESSORS BEGIN BOEING WELLIVER FELLOWSHIP

Twelve university professors representing engineering, business and information technology are taking part in the 12th annual Boeing Welliver Faculty Summer Fellowship Program.

The objective of the eight-week program, which began June 20, is to provide the fellows with a better understanding of the practical industry applications of engineering, business and IT skills so they may influence the content of undergraduate education. The fellows will spend six weeks of this program at sites across Boeing, where they will be aligned with a mentor and engage with the work force.

The program is sponsored by Boeing Enterprise University Relations and the Boeing Higher Education Integration Board.

777 CONTINUES ITS MANUFACTURING TRANSFORMATION

The 777 program last month made progress toward implementing the Boeing Production System when for the first time it moved an airplane in final assembly out of the traditional slant position and placed it nose-to-door at the Everett, Wash., factory.

This configuration ultimately will enable a moving assembly line for the 777—which is one of the objectives of implementing BPS for 777 manufacturing and part of Lean+, one of four Boeing companywide growth and productivity initiatives.

Placing airplanes nose-to-door also clears space in Everett's 40-25 building for the 777 Program to continue with other changes to its production system. The area where the airplanes sat in the slant position will be designated to support-systems-installation work.

This particular milestone is one of a series of recent changes to transform the way employees build 777 jetliners. The key to this successful transformation has been employee involvement, the team leading the effort said.

"We have a great chance of success here with employee engagement," said Mike Saiki, BPS Implementation manager for final assembly interiors. "This is an opportunity to engage employees and make them a part of the effort. They get to define it, and the employee involvement leads to more great ideas."

The BPS is a holistic look at the extended commercial airplane enterprise, aligning improvement efforts to meet customer needs, reduce costs, improve quality and shorten lead times from order to delivery. These improvements reduce waste and infrastructure and streamline the flow of material, parts and products through the system to ultimately create simpler processes for products that are assembled more easily. ■



A Boeing Delta II launch vehicle carries into orbit the Micro-Satellite Technology Experiment, an experimental payload for a joint U.S. Defense Advanced Research Projects Agency, U.S. Air Force and U.S. Naval Research Laboratory team.

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