



## **EnerSys' ABSL batteries used in space shuttle Endeavour mission spacewalks**

LONGMONT, CO., June 6, 2011 -- EnerSys (NYSE: ENS), the global leader in stored energy solutions for industrial applications, announces that its recently acquired ABSL Space Products (ABSL) business provided a key component for the most recent astronaut spacewalks. ABSL batteries powered the Extravehicular Mobility Unit (EMU) during Extra Vehicular Activity (EVA) or spacewalks during the docking of the shuttle Endeavour shortly after Endeavour's May 16, 2011 launch.

Four of ABSL's high energy density Lithium-Ion (Li-Ion) long life battery assemblies were delivered to the International Space Station (ISS) by the space shuttle Discovery on February 24, 2011, in preparation of the most recent spacewalks. Four successful spacewalks were conducted, with one EMU per spacewalk powered by ABSL's Li-Ion battery. The ABSL batteries supplied all the power needed to support functionality of the EMU.

ABSL's battery assemblies replaced older silver zinc battery technology that had been previously used in the EMUs. ABSL's high energy density batteries approach >190Wh/kg at cell-level, more than double that of the older silver zinc batteries, thus improving performance.

Battery power sources for manned space missions require a high priority on safety. ABSL's high performance batteries are designed with multiple levels of redundancy that can maintain functionality under various failure scenarios in order to ensure safety is not compromised.

ABSL was the first battery manufacturer to qualify Li-Ion cells for space flight more than a decade ago and was the first to deliver a Li-Ion battery to orbit. ABSL continues with this tradition of battery heritage, innovation and product delivery by once again being the first to provide man-rated Li-Ion high energy density batteries to the ISS. ABSL designs, manufactures, and tests all of its batteries for the US market from its Longmont, Colorado facility. Additionally, ABSL Serves the European market through its facility in Oxfordshire, UK.



Manned space walk from the exterior of the International Space Station. Photo: NASA

### **Space Shuttle Endeavour Sails To Home Port For Final Time**

CAPE CANAVERAL, Fla. -- Space shuttle Endeavour and its six-astronaut crew sailed home for the final time, ending a 16-day journey of more than 6.5 million miles with a landing at 2:34 a.m. EDT on Wednesday at NASA's Kennedy Space Center in Florida.

Mark Kelly commanded the flight and was joined by Pilot Greg H. Johnson and Mission Specialists Mike Fincke, Drew Feustel, Greg Chamitoff and the European Space Agency's Roberto Vittori. Endeavour delivered the Alpha Magnetic Spectrometer-2 (AMS), beginning a scientific voyage of discovery to our solar system and beyond from the International Space Station. By measuring cosmic rays, AMS is designed to help researchers understand the origin of the universe and search for evidence of dark matter, strange matter and antimatter.

Endeavour also delivered the Express Logistics Carrier-3, a platform carrying spare parts that will sustain space station operations once the shuttles are retired from service. The astronauts performed four spacewalks to maintain station systems and install new components.

These were the last scheduled spacewalks by shuttle crew members and brought the final number of shuttle excursions to 164. During 159 spacewalks for assembly and maintenance of the space station, astronauts and cosmonauts have spent a total of 1,002 hours and 37 minutes outside.

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[http://www.nasa.gov/home/hqnews/2011/jun/HQ\\_11-173\\_STS-134\\_Lands.html](http://www.nasa.gov/home/hqnews/2011/jun/HQ_11-173_STS-134_Lands.html)



**About EnerSys:** EnerSys, the world leader in stored energy solutions for industrial applications, manufactures and distributes reserve power and motive power batteries, chargers, power equipment, and battery accessories to customers worldwide. Motive power batteries are utilized in electric forklift trucks and other commercial electric powered vehicles. Reserve power batteries are used in the telecommunication and utility industries, uninterruptible power supplies, and numerous applications requiring stored energy solutions including aerospace and defense systems. The company also provides aftermarket and customer support services to its customers from over 100 countries through its sales and manufacturing locations around the world.

For more information, contact Richard Zuidema, Executive Vice President, EnerSys, P.O. Box 14145, Reading, PA 19612-4145, USA. Tel: 800-538-3627; Website: <http://www.enersys.com>.

**About ABSL:** ABSL is a world leader in the supply of Lithium-Ion batteries for space applications with contracts for more than one hundred spacecraft and launch vehicle batteries. ABSL supplied the first rechargeable Lithium-Ion battery flown in space, and now over sixty spacecraft are flying powered by ABSL Lithium-Ion battery technology.

ABSL has production facilities in Longmont, Colorado; Culham, England; and Thurso, Scotland. The Longmont facility services U.S. customers and the United Kingdom facilities service the rest of the world. ABSL has a global customer base and has successfully executed major contracts with major prime manufacturers in North America, Europe and the rest of the world. ABSL has highly varied space energy storage capability having delivered primary, secondary, high power, high energy and high voltage solutions to the space industry. ABSL has demonstrated in orbit the most reliable Lithium-Ion products currently available for the space market by accumulating over 37,000 cell years of space operation without failure.

ABSL has been active in the space industry since the 1960's. During the 1980's ABSL was the largest non-US subcontractor to the United States Strategic Development Initiative (SDI). More recently effort has been focused on ABSL power and optical products, including infrared calibration systems.

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#### Caution Concerning Forward-Looking Statements

This press release and oral statements made regarding the subjects of this release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements may include, but are not limited to, statements regarding EnerSys' plans, objectives, expectations and intentions and other statements contained in this press release that are not historical facts, including statements identified by words such as "expects," "anticipates," "intends," "plans," "believes," "seeks," "estimates," "will" or words of similar meaning.

These forward-looking statements are based upon management's current beliefs or expectations and are inherently subject to significant business, economic, and competitive uncertainties and contingencies many of which are beyond our control. The statements in this press release are made as of the date of this press release, even if subsequently made available by EnerSys on its website or otherwise. EnerSys does not undertake any obligation to update any forward-looking statement to reflect circumstances or events that occur after the date such forward-looking statement is made.



Although EnerSys does not make forward-looking statements unless it believes it has a reasonable basis for doing so, EnerSys cannot guarantee their accuracy. The foregoing factors, among others, could cause actual results to differ materially from those described in these forward-looking statements. For a list of other factors which could affect EnerSys' results, including safety of our products, see EnerSys' filings with the Securities and Exchange Commission, including "Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations," including "Forward-Looking Statements," set forth in the Company's Quarterly Report on Form 10-Q for the period ended January 2, 2011. No undue reliance should be placed on any forward-looking statements.