



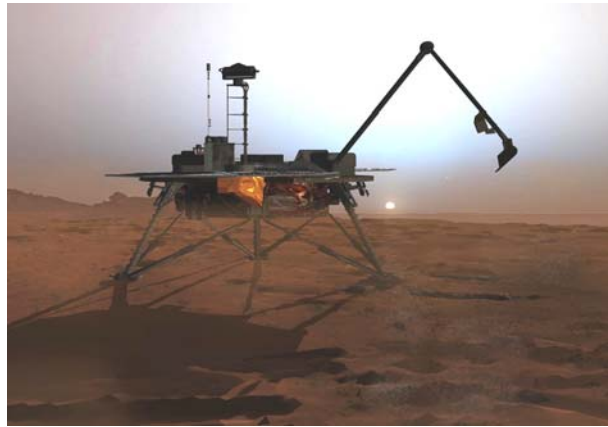
Contact: William Yalen  
Phone: (860)599-1100 x406  
Mobile: (860)961-7317  
Fax: (860)599-3903  
Email: wyalen@lithion.com

FOR IMMEDIATE RELEASE

## **YARDNEY BATTERIES' SUCCESS ON MARS LEADS TO TWO NEW MISSIONS FOR NASA**

**Phoenix Mars Lander & Mars Science Laboratory Rover Both to  
Rely on Advanced Lithium-Ion Batteries from Yardney**

Pawcatuck, CT – August 9, 2007 -- Yardney Technical Products, Inc., based in Pawcatuck, Connecticut, is the supplier of high-tech batteries for two Mars-bound NASA spacecraft. The first of these two is the Phoenix Mars Lander which launched Saturday morning, August 4<sup>th</sup>, 2007. Phoenix will be followed by the Mars Science Laboratory mission, which is an expanded next-generation Mars rover in development for planned launch in 2009, according to NASA. Both will be powered by powerful Lithium-ion batteries from Yardney's Lithion product line.



*Phoenix Mars Lander*

Courtesy of the NASA Jet Propulsion Laboratory

The Phoenix batteries will provide power at night when there is no sunlight for the solar panels to convert to electricity. They can also be used any time when a task requires more power than the primary power source can deliver.



*Mars Science Laboratory*

Courtesy of the NASA Jet Propulsion Laboratory

The history of Yardney's involvement with the Phoenix program goes back to 1998 when Yardney won a contract from Lockheed Martin to develop a battery for a similar NASA Mars lander planned for a 2001 launch. That battery development effort was completed successfully but, unfortunately, the mission was cancelled and never flew.

In the meantime, NASA also had Yardney develop Lithion batteries for the Mars Exploration Rovers launched in 2003. They proved to be extremely successful, permitting a planned three-month mission to be extended to over three years. NASA has developed a new Mars mission that uses the 2001 lander spacecraft, aptly called Phoenix, with Yardney again selected to provide the critical batteries.

“We are very pleased that our work for the Mars Lander and Mars Exploration Rover programs has been so successful, and that NASA has recognized our contributions by

selecting us as the battery supplier for the next two follow on Mars missions, Phoenix and Mars Science Laboratory,” said Yevoli. “All of us at Yardney are very proud,” Yevoli continued. “It’s very important to our space program, and it means good jobs here in southeastern Connecticut and southern Rhode Island.”

Lithion is a product line of Yardney Technical Products Inc., a veteran-owned small business located in Pawcatuck, CT. Yardney is a technology-driven company that focuses on advanced battery technologies for research and product development in high performance applications. Yardney provides highly reliable, compact, and powerful electrical power sources for mobile platforms. These systems have proven successful on mini-subs, aircraft, satellites, and roving the surface of Mars. The company has distinguished itself since 1944 in the design, development, and manufacture of advanced battery technologies for Aerospace, the Department of Defense, and industrial/commercial applications. For example, Yardney recently delivered the largest Lithium-ion battery ever made, a 1.2 Mega-Watt-hour system, which provides all power for the US Navy’s ASDS mini-sub. In addition to the Lithion product line of Lithium-ion batteries, current Yardney specialty battery technologies also include Silver-Zinc and metal-air chemistries. For more information, go to [www.yardney.com](http://www.yardney.com) or [www.lithion.com](http://www.lithion.com).



*Phoenix / Mars Lander Battery*

Photo courtesy of Yardney Technical Products, Inc.

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For additional information about this release, please call William Yalen at (860)599-1100 x406 or email [wyalen@lithion.com](mailto:wyalen@lithion.com).