

NEWS RELEASE



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AREOFLEX BATTERY CELL BALANCING NOW OPERATIONAL IN SPACE FLIGHT, ACHIEVES TRL 9

PLAINVIEW, NY – Aeroflex Incorporated (“Aeroflex”), a wholly owned subsidiary of Aeroflex Holding Corp. (NYSE:ARX) and a leading provider of space qualified, mission critical power management electronics and subsystems announced today that its Battery Electronics Unit (BEU), which provides autonomous balancing of Lithium Ion (LiIon) Battery cells, was launched into orbit in November 2010. It is now fully operational in space flight on a Boeing 702HP Geomobile satellite and has achieved Technology Readiness Level 9 (TRL 9), NASA and the DoD’s highest level of technology maturity.

LiIon batteries provide a higher energy density than the Nickel Hydrogen (NH₂) batteries commonly used on satellites today, enabling satellite manufacturers to offer their customers higher payload capacity. The Aeroflex BEU provides autonomous cell balancing which helps to maximize battery State of Charge (SOC) and total mission capability. This ensures constant, reliable high power output from the LiIon batteries for the entire satellite mission life.

“Operating in autonomous mode, the BEU balances cells when the battery is charging, discharging or dormant,” said Thomas Mazz, Aeroflex Program Manager and BEU Design Engineer. “Rather than turning on or off based on a pre-set cell voltage measurement, the BEU continuously re-distributes charge from high voltage cells to lower voltage cells. The unique continuous balancing feature of the BEU effectively reduces the potential for cells to become unbalanced in the first place, enabling the battery to maintain its peak mission performance.”

The Aeroflex BEU provides battery performance telemetry data over a MIL-STD-1553B serial data bus, and can drive a battery cell isolation switch to bypass a battery cell that begins to fail. It is fully space qualified and uses numerous Aeroflex microelectronic components that are radiation hardened and have space flight heritage.

“We’re extremely pleased that our BEU system is operating as designed, in actual space flight” said John Buyko, President, Aeroflex Microelectronic Solutions. “This gives our customers confidence as we continue delivering against a significant backlog with Boeing and other leading satellite and spacecraft manufacturers, and as we develop derivative mission critical battery power management systems. Our BEU supports the industry shift to Lithium Ion batteries by helping to ensure that the batteries live up to their superior performance expectations with high reliability.”

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For copies of BEU datasheets, call 1-800-645-8862 or visit the Aeroflex home page at www.aeroflex.com/BEU.

About Aeroflex

Aeroflex Incorporated is a leading global provider of microelectronic components and test and measurement equipment used by companies in the space, avionics, defense, commercial wireless communications, medical and other markets.

All statements other than statements of historical fact included in this press release regarding Aeroflex’s plans and objectives of its management for future operations are forward-looking statements, including, among other things, statements concerning the timing and completion of the Offers and Aeroflex’s financial position and liquidity giving effect to the transactions contemplated by the Offers. When used in this press release, words such as “anticipate,” “believe,” “estimate,” “expect,” “intend” and similar expressions, as they relate to Aeroflex or its management, identify forward-looking statements. Such forward-looking statements are based on the current beliefs of Aeroflex’s management, as well as assumptions made by and information currently available to its management. Actual results, risks and assumptions relating to the Offers could differ materially from those contemplated by the forward-looking statements as a result of certain factors, including but not limited to, adverse developments in the global economy; adverse developments relating to the Offers; the inability to continue to develop, manufacture and market innovative, customized products and services that meet customer requirements for performance and reliability; the termination of key contracts; and the failure to comply with regulations such as International Traffic in Arms Regulations and any changes in regulations. Such statements reflect the current views of management with respect to the future and are subject to certain risks, uncertainties and assumptions. Aeroflex does not undertake any obligation to update such forward-looking statements.