Mercury Computer Systems Selected to Deliver Hyperspectral Imaging System for Multi-INT Wide Area Surveillance Equipment

Two uniquely configured PowerBlock 15 Ultra-Compact Embedded Computers operate as a distributed computing system onboard every platform

CHELMSFORD, Mass., Apr 14, 2011 (BUSINESS WIRE) --

Mercury Computer Systems Inc., (NASDAQ: MRCY, www.mc.com), a trusted ISR subsystems provider, announced that it has been selected to provide a SWaP-optimized hyperspectral image processing and storage subsystem for multi-INT wide area surveillance equipment used on unmanned aerial vehicles (UAVs). Mercury's customer will use the subsystem to locate individual adversaries and enemy tactical communications. The design integrates two configurations of Mercury's PowerBlock® 15 Ultra-Compact Embedded Computers and uniquely combines the processing speed of Intel® Core™ i7 with FPGA capabilities for a real-time sensor interface in an ultra-small form factor.

"Mercury's expertise in developing ultra-compact, SWaP-optimized distributed computing platforms with exceptional processing power is an ideal match for the challenges faced by this prime contractor in delivering state-of-the-art surveillance systems for space-constrained environments," said Didier Thibaud, senior vice president and general manager of Mercury Computer Systems' Advanced Computing Solutions business unit. "As a trusted supplier to primes, we are known for delivering best-of-breed systems that help generate actionable data and heightened situational awareness for military personnel."

The hyperspectral image processing system designed by Mercury includes two configurations of its PowerBlock 15 Ultra-Compact Embedded Computers, one for storage and one for image processing. The system from Mercury will perform extremely fast, high-quality hyperspectral imaging by collecting and processing information from across the electromagnetic spectrum. The PowerBlock 15 units installed on board each platform are designed to communicate with each other and operate as a distributed computing system to maximize performance and minimize power consumption. With a chassis about the size of a disk drive, the PowerBlock 15 units can be tucked into tight spaces and distributed and interconnected in multiple locations across deployed platforms with extremely small environments such as tactical UAVs and manned ground vehicles.

For more information about Mercury's subsystem solutions, visit www.mc.com, or contact Mercury at 866. 627.6951 or info@mc.com.

Mercury Computer Systems, Inc. - Where Challenges Drive Innovation®

Mercury Computer Systems (www.mc.com, NASDAQ: MRCY) is a best of breed provider of open, application-ready, multi-INT subsystems for the ISR market. With 25+ years' experience in embedded computing, superior domain expertise in radar, EW, EO/IR, C4I, and sonar applications, and more than 300 successful program deployments including Aegis, Global Hawk, and Predator, Mercury's Services and Systems Integration team leads the industry in partnering with customers to design and integrate system-level solutions that minimize program risk, maximize application portability, and accelerate customers' time to market.

Mercury is based in Chelmsford, Massachusetts, and serves customers worldwide through a broad network of direct sales offices, subsidiaries, and distributors.

Forward-Looking Safe Harbor Statement

This press release contains certain forward-looking statements, as that term is defined in the Private Securities Litigation Reform Act of 1995, including those relating to the products and services provided for the contract described above. You can identify these statements by the use of the words "may," "will," "should," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," and similar expressions. These forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those projected or anticipated. Such risks and uncertainties include, but are not limited to, general economic and business conditions, including unforeseen weakness in the Company's markets, effects of continued geopolitical unrest and regional conflicts, competition, changes in technology and methods of marketing, delays in completing engineering and manufacturing programs, changes in customer order patterns, changes in product mix, continued success in technological advances and delivering technological innovations, continued funding of defense programs, the timing of such

funding, changes in the U.S. Government's interpretation of federal procurement rules and regulations, market acceptance of the Company's products, shortages in components, production delays due to performance quality issues with outsourced components, inability to fully realize the expected benefits from acquisitions and divestitures or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, changes to export regulations, increases in tax rates, changes to generally accepted accounting principles, difficulties in retaining key employees and customers, unanticipated costs under fixed-price service and system integration engagements, and various other factors beyond our control. These risks and uncertainties also include such additional risk factors as are discussed in the Company's filings with the U.S. Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ended June 30, 2010. The Company cautions readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. The Company undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made.

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SOURCE: Mercury Computer Systems Inc.

Mercury Computer Systems, Inc.
Robert McGrail, +1 978-967-1366
Director of ACS Marketing & Corporate Communications
rmcgrail@mc.com