



July 14, 2011

Mercury Computer Systems Wins Contract to Supply Signal and Image Processing Capabilities for Multi-mode Radar Program

Innovative, open architecture-based building blocks help meet aggressive costs targets for advanced shipborne and land-based active phased array radar system

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

Mercury Computer Systems, Inc. (NASDAQ: MRCY, www.mc.com), a trusted provider of commercially developed ISR subsystems, confirmed that it has been awarded a contract from a global supplier of advanced communication and navigation solutions for an advanced signal and image processing engine. Mercury's technology will perform critical computationally-intensive functions in the customer's sophisticated land-based and shipborne active phased array radar system.

"This long-standing customer knows it can rely on Mercury to provide the technology needed to migrate an existing radar system from a closed, proprietary design to an open system with built-in application portability," said Didier Thibaud, senior vice president and general manager of Mercury Computer Systems' Advanced Computing Solutions business unit.

Mercury will deliver innovative open architecture-based processing modules designed to solve highly challenging computing problems and meet strict requirements for aggressive cost targets including board-level processing density and a low board count per system metric. The modules leverage Mercury's standards-based building blocks and include a VITA 41-compliant switch board that provides full inter-board serial RapidIO and Gigabit Ethernet connections in a VXS system, and a unit that combines high-performance Power Architecture™ processing technology with balanced I/O from dual PMC/XMC sites and the scalable serial RapidIO® interconnect.

For more information on 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, commercially developed, application-ready, multi-INT subsystems for the ISR market. With over 30 years of 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 products and services described above. You can identify these statements by the use of the words "may," "will," "could," "should," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," "likely," "probable," 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.

Challenges Drive Innovation and Echotek are registered trademarks and Application Ready Subsystem, ARS and Ensemble are trademarks of Mercury Computer Systems, Inc. Other product and company names mentioned may be trademarks and/or registered trademarks of their respective holders.

SOURCE: Mercury Computer Systems, Inc.

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