



February 14, 2012

Mercury's New Small Form Factor Mixed Signal Modules Deliver Unmatched Capabilities for EW and SIGINT Applications

Ultra-high-speed solutions ensure high probability of intercept in systems used to detect, deceive and defeat electronic transmissions from opposing forces

CHELMSFORD, Mass.--(BUSINESS WIRE)--Feb. 14, 2012-- Mercury Computer Systems, Inc. (NASDAQ: MRCY, www.mc.com), a trusted provider of commercially developed, application-ready ISR and EW subsystems for defense prime contractors, announced two new small form factor-based solutions with outstanding SWaP characteristics for demanding RF applications: the Echotek® Series RFM-251-XMC Tuner and the Wideband DCM-V6-XMC Digital Transceiver. These new mixed-signal modules detect, locate and capture signals in real-time across an extremely wide range of frequencies, significantly improving the ability to anticipate threats and protect warfighters.

"Radar warning, electronic countermeasures (ECM) and electronics intelligence (ELINT) systems rely on critical measurements to identify threats, map the electronic battlefield and ultimately implement deceptive countermeasures," said Ian Dunn, Vice President of Mercury's Microwave and Digital Solutions Group. "To meet these critical requirements, Mercury is delivering two new small form factor, high-performance RF tuning and digitization XMC solutions that underscore our leadership in leveraging state-of-the-art technologies packaged for extreme density on SWaP-constrained environments. The RFM-251-XMC Tuner features a high dynamic range, low phase noise and fast tuning speed that support a very high probability of intercept, and the Wideband DCM-V6-XMC Digital Transceiver's ultra-high-speed digitizer and on-board FPGA excel at signal processing and data movement," Dunn continued.

Part of Mercury's renowned Echotek® Series, the RFM-251-XMC Tuner supports a broad frequency range from 20 MHz to 2.5 GHz, converting detected signals to digital IF. The IF is pre-digitized via a high fidelity analog-to-digital converter and routed onto a Virtex-6 Field-Programmable Gate Array (FPGA) for filtering and protocol processing. The Echotek Series DCM-V6-XMC Digital Transceiver combines the latest wideband high-performance Analog-to-Digital Converter (ADC) with a high-speed, high-resolution Digital-to-Analog Converter (DAC) and dual Virtex-6 FPGAs. It features direct digitization of L-Band signals and can operate as an ultra high-speed transceiver. Both XMCs are available in ruggedized versions.

For more information, visit mc.com/microwave-rf 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 defense prime contractors. 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 (SSI) 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, 2011. 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.

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