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Mercury Computer Systems to Deliver Integrated ATCA®-based Signal Processing Subsystem to Support Satellite Telecommunications System

Leveraging proven, commercially available technology and open standards, Mercury will provide a high performance platform critical for successful terrestrial-satellite communications

CHELMSFORD, Mass.--(BUSINESS WIRE)--Feb. 2, 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, confirmed that it had been previously awarded a contract from a leading telecommunications provider to deliver an integrated signal processing subsystem based on the ATCA® standard. The high performance subsystem, a ground-based gateway, will enable vital terrestrial-satellite communications for a next-generation mobile satellite system to be used for national security, civilian and humanitarian efforts.

"Mercury has forged a very close relationship with this company, working on a range of satellite-based telecommunications systems and similar programs over a long period of time. Our solutions are known for their maturity, reliability and performance, and our team has earned a reputation for our commitment to supporting the performance goals and ultimate success," said Didier Thibaud, senior vice president and general manager of Mercury Computer Systems' Advanced Computing Solutions business unit.

Mercury's expertise in designing and integrating high performance signal processing subsystems based on the ATCA and RapidIO® standards was a critical asset in winning this design. Mercury will deliver an ATCA-based platform that implements hundreds of digital signal processors (DSPs), interconnected by the RapidIO switch fabric, to deliver high bandwidth, low latency, deterministic performance. Using proven technology, Mercury's subsystem provides massive processing power and manufacturing readiness, reduces costs and shortens development cycles. Because it is based on open standards, the solution can be easily upgraded over time.

For more information on Mercury's market-leading sensor processing 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 defense prime contractors. With more than 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 fiscal 2012 business performance and beyond and the Company's plans for growth and improvement in profitability and cash flow. 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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