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Mercury Computer Systems Commends Successful ACB-12 Aegis SPY-1 Radar System Live Aircraft Test Flight

Recent test of multi-mission signal processor against live aircraft signifies major step in the Aegis program

CHELMSFORD, Mass., Sep 07, 2011 (BUSINESS WIRE) --

Mercury Computer Systems Inc., (NASDAQ: MRCY, www.mc.com), a trusted provider of commercially developed ISR subsystems, applauds the successful performance of Lockheed Martin's multi-mission signal processor (MMSP), which identified and tracked numerous live targets in a recent live aircraft test. Part of the ACB-12 Aegis SPY-1 radar system, the MMSP provides next-generation Aegis Ballistic Missile Defense and Anti-Air Warfare capabilities in an open combat system architecture for the U.S. Navy.

"This test represents a significant milestone for the Aegis MMSP, and Mercury is proud to have Lockheed Martin as a teammate and business-to-business mentor," said Didier Thibaud, senior vice president and general manager of Advanced Computing Solutions at Mercury. "It proves that through purposeful evolution and open architecture, a program like Aegis can not only align with the Department of Defense's directive on affordability and productivity to remain viable, but by leveraging innovative, open systems, it can expand its role as a powerful national asset."

As part of the Aegis Modernization Program, MMSP is scheduled for installation on guided missile destroyers currently equipped with the Aegis Weapon System beginning in 2012. Lockheed Martin is performing systems engineering to upgrade the Aegis system to an open architecture design that enables affordable technology refreshes and capability upgrades, through both new technology development and infusion of third-party products. Mercury Computer Systems, a partner on the Aegis program with Lockheed Martin for more than a decade, is supplying subsystems and technology integration services for Aegis Modernization, Aegis sea-based missile defense, and the land-based Aegis Ashore system.

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