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Mercury Computer Systems Wins Contract to Deliver Application-Ready Subsystems and Integration Services for Raytheon's Advanced Distributed Aperture System

Mercury's Innovative, High-Performance Multi-Function Image Processing Subsystem and Highly Ruggedized Packaging Will Enable Raytheon to Meet Critical Deployment Milestones

CHELMSFORD, Mass., Apr 26, 2012 (GlobeNewswire via COMTEX) --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 that it was selected by Raytheon Space and Airborne Systems (SAS) to provide an Application-Ready Subsystem™ (ARS™) and integration services for Raytheon's Advanced Distributed Aperture System (ADAS). Mercury will deliver an advanced sensor processing subsystem as part of Raytheon's Multi-function Image Processor (MIP), and systems integration services to help Raytheon realize unprecedented operational capabilities, allowing aircrews to achieve objectives with the lowest possible risk.

"Mercury's ability to solve challenging technical problems and deliver highly ruggedized, standards-based solutions were key factors in Raytheon's decision to work with us on their ADAS solution," said Brian Perry, vice president of Services and Systems Integration at Mercury Computer Systems. "Our ability to leverage our hardware, software, and services expertise to meet aggressive schedules is a vital asset that will enable Raytheon to complete a robust, deployable ADAS solution. Our Services and Systems Integration (SSI) team continues to work closely with the Raytheon technical team to optimize what we deliver for this key technology."

Named one of the top 10 technologies for 2010 by Aviation Week magazine, Raytheon's ADAS provides full spherical situational awareness to helicopter crews. Multiple high-resolution infrared sensors mounted around the helicopter let pilots "look through" the airframe for 360-degree situational awareness. Imagery sent to helmet mounted displays provides crew members with information customized to their specific roles. The wraparound effect is completed by a 3D audio system that issues threat alerts and crew communications from the direction of their source. Raytheon is enhancing the Advanced Distributed Aperture System in cooperation with the U.S. Army's Research Development and Engineering Command; Communications-Electronics Research, Development and Engineering Center; and Night Vision and Electronic Sensors Directorate.

Mercury is providing a unique, high-performance sensor processing subsystem that leverages best-in-class heterogeneous processing elements including FPGAs, GPGPUs, and GPPs, interconnected with various high-speed switch fabrics. Highly ruggedized for harsh and mobile helicopter environments, the system will help improve mission effectiveness and flight safety at low altitude, in poor visibility and in hostile environments. Aligning with procurement reform and industry best practices, the standards-based OpenVPX™ system is designed to allow for rapid future technology insertions either in terms of processing capabilities or handling new sensors or new modalities. The technology integration will be completed by Mercury's Services and Systems Integration team.

For more information on Raytheon's innovative ADAS solution, visit www.raytheon.com/capabilities/products/adas. For more information on Mercury's subsystem solutions, visit www.mc.com/technology-capabilities/ 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 contract 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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