![Mercury Systems logo]

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Mercury Computer Systems Awarded Contract to Deliver Systems and Services for Airborne Radar Program Technology Upgrade

Mercury's Solutions Help Protect Significant Technology Investment While Delivering a Scalable, Open-Standards Architecture Deployable Across a Range of Platforms

CHELMSFORD, Mass., Apr 18, 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 has received a contract from a major defense prime contractor to provide high performance digital signal processing modules and software to facilitate a technology refresh for the prime's airborne radar application. The Mercury solution and subsequent refresh will also protect the prime's significant investment in software development across a range of products. The design win is estimated to have a five year probable revenue value of approximately $30M.

"Mercury's outstanding working relationship with this customer, which has been forged through years of close collaboration, will help drive the success of this refresh," said Didier Thibaud, Senior Vice President and General Manager of Mercury Computer Systems' Advanced Computing Solutions business unit. "Our Systems and Services Integration (SSI) team will protect our customer's substantial software investment by leveraging existing tested and fielded intellectual property. We'll provide this same level of hands-on support throughout the next phase of the program as well."

This customer sought to move to a highly scalable, agile architecture that would serve their programmatic needs well into the future across a range of programs with varying computational requirements. Mercury's software, hardware and services solution, including environmental testing and system/board integration, will allow the customer to reuse millions of lines of legacy software code from older, proprietary architectures in a new, open standards-based architecture. This new architecture, which will continue to leverage Mercury's Scientific Algorithm Library (SAL), will easily address new programmatic iterations as they become available. Mercury's server-class hardware processing density and the high-speed performance of the customer's SAL-based applications combine to form a powerful solution that will deliver optimal radar performance.

For more information, visit 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 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

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

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