

## Mercury Computer Systems to Report Second Quarter Fiscal 2010 Earnings and Host Conference Call on January 26, 2010

CHELMSFORD, Mass., Jan 05, 2010 /PRNewswire-FirstCall via COMTEX/ -- Mercury Computer Systems, Inc. (NASDAQ: MRCY), a leading provider of embedded, high-performance computing systems and software for image, sensor, and signal processing applications, will announce the financial results for its second quarter of fiscal year 2010, ended December 31, 2009, on Tuesday, January 26, 2010, after market close.

Management will host a conference call at 5:00 p.m. EST to discuss Mercury's quarterly financial results, business highlights, and outlook. In addition, Company representatives may answer questions concerning business and financial developments and trends, the Company's view on earnings forecasts, and other business and financial matters affecting the Company, the responses to which may contain information that has not been previously disclosed.

To listen to the conference call, dial (888) 791-4316 in the USA and Canada, and (913) 312-0709 in all other countries. The conference code number is 4651091. Please call five to ten minutes prior to the scheduled start time. This call will also be broadcast live over the web at <a href="https://www.mc.com/investor">www.mc.com/investor</a> under "Financial Events."

A replay of the call will be available by telephone from approximately 8:00 p.m. EST on Tuesday, January 26, 2010, through 8:00 p.m. EST on Friday, February 5, 2010. To access the replay, dial (888) 203-1112 in the USA and Canada, and (719) 457-0820 in all other countries. Enter access code 4651091. A replay of the webcast of the call will be available for an extended period of time on the "Financial Events" page of the Company's website at <a href="https://www.mc.com/investor">www.mc.com/investor</a>.

Mercury Computer Systems, Inc. - Where Challenges Drive Innovation(<sup>™</sup>)

Mercury Computer Systems (<a href="www.mc.com">www.mc.com</a>, NASDAQ: MRCY) provides embedded computing systems and software that combine image, signal, and sensor processing with information management for data-intensive applications. With deep expertise in optimizing algorithms and software and in leveraging industry-standard technologies, we work closely with customers to architect comprehensive, purpose-built solutions that capture, process, and present data for defense electronics, semiconductor equipment manufacturing, commercial computing, homeland security, and other computationally challenging markets. Our dedication to performance excellence and collaborative innovation continues a 25-year history in enabling customers to gain the competitive advantage they need to stay at the forefront of the markets they serve.

Mercury is based in Chelmsford, Massachusetts, and serves customers worldwide through a broad network of direct sales offices, subsidiaries, and distributors.

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