![Mercury Systems logo]

January 18, 2011

Mercury Computer Systems to Report Second Quarter Fiscal 2011 Earnings and Host Conference Call on January 25, 2011

CHELMSFORD, Mass., Jan 18, 2011 (BUSINESS WIRE) --

Mercury Computer Systems, Inc. (NASDAQ: MRCY), a trusted ISR subsystems provider, will announce the financial results for its second quarter of fiscal year 2011, ended December 31, 2010, on Tuesday, January 25, 2011, 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 **(800) 817-2743** in the USA and Canada, and **(913) 312-1376** in all other countries. The conference code number is **8404439**. Please call five to ten minutes prior to the scheduled start time. This call will also be broadcast live over the web at www.mc.com/investor under "Financial Events."

A replay of the call will be available by telephone from approximately **8:00 p.m. EST on Tuesday, January 25, 2011, through 8:00 p.m. EST on Sunday, February 6, 2011**. To access the replay, dial (888) 203-1112 in the USA and Canada, and (719) 457-0820 in all other countries. Enter access code **8404439**. 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 www.mc.com/investor.

Mercury Computer Systems, Inc. - Where Challenges Drive Innovation™

Mercury Computer Systems (www.mc.com, NASDAQ: MRCY) is a best of breed provider of open, application-ready, multi-INT subsystems for the ISR market. With 25+ years' 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 defense and commercial 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.

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