MERCURY COMPUTER SYSTEMS INC Form 8-K January 27, 2010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE

SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): January 27, 2010 (January 26, 2010)

Mercury Computer Systems, Inc.

(Exact Name of Registrant as Specified in Charter)

Massachusetts (State or Other Jurisdiction

000-23599 (Commission 04-2741391 (IRS Employer

of Incorporation) File Number) Identification No.)

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201 Riverneck Road, Chelmsford, Massachusetts (Address of Principal Executive Offices) Registrant s telephone number, including area code: (978) 256-1300

01824 (Zip Code)

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy	the filing obligation of the registrant under any of
the following provisions (see General Instruction A.2. below):	

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On January 26, 2010, Mercury Computer Systems, Inc. (the Company) issued a press release regarding its financial results for the quarter ended December 31, 2009. The Company s press release is attached as exhibit 99.1 to this Current Report on Form 8-K and incorporated by reference herein.

Information in Item 2.02 of this Current Report on Form 8-K and the exhibit 99.1 attached hereto shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act) or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, regardless of any general incorporation language in such filing.

USE OF NON-GAAP FINANCIAL MEASURES

In addition to reporting financial results in accordance with generally accepted accounting principles, or GAAP, the Company provides adjusted EBITDA, a non-GAAP financial measure adjusted to exclude certain non-cash and other specified charges, which the Company believes is useful to help investors better understand its past financial performance and future prospects. However, the presentation of adjusted EBITDA is not meant to be considered in isolation or as a substitute for financial information provided in accordance with GAAP. Management believes the adjusted EBITDA financial measure assists in providing a more complete understanding of the Company s underlying operational results and trends, and management uses this measure along with the corresponding GAAP financial measure to manage the Company s business, to evaluate its performance compared to prior periods and the marketplace, and to establish operational goals.

Item 8.01 Other Events.

On January 26, 2010, the Company issued a press release announcing the appointment of David R. Martinez as president of the Company s Mercury Federal Systems, Inc. subsidiary, effective as of March 1, 2010. A copy of the press release announcing the appointment of Mr. Martinez is attached hereto as Exhibit 99.2 and incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description
99.1	Press Release, dated January 26, 2010, of Mercury Computer Systems, Inc. (earnings release).
99.2	Press Release, dated January 26, 2010, of Mercury Computer Systems, Inc. (David R. Martinez).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Dated: January 27, 2010 MERCURY COMPUTER SYSTEMS, INC.

By: /s/ ROBERT E. HULT

Robert E. Hult

Senior Vice President, Chief Financial Officer,
and Treasurer

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EXHIBIT INDEX

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