

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G
(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13D-1(b) AND
AMENDMENTS FILED THERETO FILED PURSUANT TO RULE 13D-2(b)

Under the Securities Exchange Act of 1934
(Amendment No.)*

Mercury Systems, Inc
(Name of Issuer)

Common Stock
(Title of Classes of Securities)

589378108
(CUSIP Number)

December 31, 2013
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1 NAME OF REPORTING PERSON
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)

Invesco Ltd.
IRS # 980557567

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
(a)
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Invesco Ltd. – Bermuda

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER – 1,916,793
	6	SHARED VOTING POWER – 0
	7	SOLE DISPOSITIVE POWER – 1,916,793
	8	SHARED DISPOSITIVE POWER – 0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,916,793

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

N/A

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

5.8%

12 TYPE OF REPORTING PERSON*

See Item 3 of this statement

Item 1(a). Name of Issuer:

Mercury Systems, Inc.

(b). Address of Issuer's Principal Executive Offices:

201 Riverneck Road; Chelmsford, MA 01824-2820; United States

Item 2(a). Name of Person Filing:

Invesco Ltd.

(b). Address of Principal Business Office or, if none, residence of filing person:

1555 Peachtree Street NE; Atlanta, GA 30309; United States

(c). Citizenship of filing person:

Bermuda

(d). Title of Classes of Securities:

Common Stock

(e). CUSIP Number:

589378108

Item 3. If this statement is filed pursuant to ss240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(e) An investment adviser in accordance with section 240.13d-1(b)(1)(ii)(E)

(g) A parent holding company or control person in accordance with section 240.13d-1(b)(1)(ii)(G)

Item 4. Ownership:

Please see responses to Items 5-8 on the cover of this statement, which are incorporated herein by reference.

Item 5. Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following

Item 6. Ownership of More than Five Percent on Behalf of Another Person:

Invesco Canada Limited is a subsidiary of Invesco Ltd. and it advises the Invesco Trimark Canadian Small Companies Fund which owns 5.26% of the security reported herein. However no one individual has greater than 5% economic ownership. The shareholders of the Fund have the right to receive or the power to direct the receipt of dividends and proceeds from the sale of securities listed above.

Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the Parent Holding Company:

The following subsidiaries of Invesco Ltd. are investment advisers which hold shares of the security being reported:

Invesco Canada Ltd.
Invesco PowerShares Capital Management

Item 8. Identification and Classification of Members of the Group:

N/A

Item 9. Notice of Dissolution of a Group:

N/A

Item 10. Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Signature:

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

02/10/2014

Date

Invesco Ltd.

By: /s/ Lisa Brinkley
Lisa Brinkley
Global Assurance Officer

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) (l) under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing of the attached Schedule 13G, and any and all amendments thereto, and expressly authorize Invesco Ltd., as the ultimate parent company of each of its undersigned subsidiaries, to file such Schedule 13G, and any and all amendments thereto, on behalf of each of them.

Dated: 12/31/ 2013

Invesco Ltd.

By: /s/ Lisa Brinkley
Name: Lisa Brinkley
Title: Global Assurance Officer

Invesco Advisers, Inc.

By: /s/ Todd L. Spillane
Name: Todd L. Spillane
Title: Chief Compliance Officer

Invesco Canada Ltd.

By: /s/ Daniela Nalli
Name: Daniela Nalli
Title: Chief Compliance Officer

Invesco National Trust Company

By: /s/ Kevin Lyman
Name: Kevin Lyman
Title: General Counsel

Invesco Hong Kong Limited

By: /s/ Asha Balachandra
Name: Asha Balachandra
Title: Reg. Head of Legal AP

Invesco Asset Management Deutschland GmbH

By: /s/ Stephanie Ehrenfried
Name: Stephanie Ehrenfried
Title: Head of Legal Continental Europe & Cross-Border Funds

Invesco Asset Management Limited

By: /s/ Ross Maclean
Name: Ross Maclean
Title: Director of UK Compliance

Invesco Asset Management S.A.

By: /s/ Matthieu Grosclaude
Name: Matthieu Grosclaude
Title: Deputy-CEO

Invesco Asset Management S.A.

By: /s/ Bernard Aybran
Name: Bernard Aybran
Title: Deputy-CEO

Invesco Asset Management Österreich GmbH

By: /s/ Thomas Kraus
Name: Thomas Kraus
Title: Head of Sales

Invesco Management S.A.

By: /s/ Stefano Pierantozzi
Name: Stefano Pierantozzi
Title: Head of Compliance Luxembourg

Invesco Taiwan Limited

By: /s/ Asha Balachandra
Name: Asha Balachandra
Title: Reg. Head of Legal, AP

Invesco Asset Management (Japan) Limited

By: /s/ Asha Balachandra
Name: Asha Balachandra
Title: Reg. Head of Legal, AP

Invesco Global Asset Management Limited

By: /s/ Marie-Hélène Boulanger
Name: Marie-Hélène Boulanger
Title: Head of Risk Governance

Stein Roe Investment Counsel, Inc.

By: /s/ Greg Campbell
Name: Greg Campbell
Title: General Counsel

Invesco PowerShares Capital Management

By: /s/ Deanna Marotz
Name: Deanna Marotz
Title: Chief Compliance Officer

Invesco Investment Advisers, LLC

By: /s/ Jesse Frazier
Name: Jesse Frazier
Title: Chief Compliance Officer

Invesco Australia Ltd.

By: /s/ Jane Stewart
Name: Jane Stewart
Title: Compliance Manager