

Durcan Martha
Form 3
November 29, 2011

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0104
Expires: January 31, 2015
Estimated average burden hours per response... 0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

| | | | | |
|---|----------|--------------------------------------|--|--|
| 1. Name and Address of Reporting Person * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Â Durcan Martha | | (Month/Day/Year) | PARAMETRIC TECHNOLOGY CORP [PMTC] | |
| (Last) | (First) | (Middle) | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| | | 11/21/2011 | | |
| 140 KENDRICK STREET | | | (Check all applicable) | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| | (Street) | | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| NEEDHAM,Â MAÂ 02494 | | | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other | <input type="checkbox"/> Form filed by More than One Reporting Person |
| (City) | (State) | (Zip) | SVP, Chief Compliance Officer | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock | 1,030 | D | Â |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|--|--|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of | |

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| | | | | Shares | | (I) (Instr. 5) | |
|------------------------|-------|-------|--------------|-----------|--------|-------------------|---|
| Restricted Stock Units | Â (2) | Â (2) | Common Stock | 3,044 (4) | \$ (1) | D | Â |
| Restricted Stock Units | Â (3) | Â (3) | Common Stock | 8,676 (4) | \$ (1) | D | Â |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Durcan Martha 140 KENDRICK STREET NEEDHAM, MA 02494 | Â | Â | Â SVP, Chief Compliance Officer | Â |

Signatures

Catherine Gorecki by power of attorney filed 11/29/2011 11/29/2011

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Each restricted stock unit represents a contingent right to receive one share of Parametric Technology Corporation common stock.
- (2) Time-based restricted stock units that vested as to 1,522 RSUs on November 15, 2011 and will vest as to 1,522 RSUs on each of November 15, 2012 and November 15, 2013.
- (3) Time-based restricted stock units that vest in three substantially equal increments on each of November 15, 2012, November 15, 2013, and November 15, 2014.
- (4) This amount represents the total number of derivative securities beneficially owned of the class shown.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.