

DIBONA ANTHONY  
Form 4  
November 17, 2010

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
DIBONA ANTHONY

2. Issuer Name and Ticker or Trading Symbol  
PARAMETRIC TECHNOLOGY CORP [PMTC]

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)

(Last) (First) (Middle)  
140 KENDRICK STREET  
  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
11/15/2010

\_\_\_\_ Director  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
EVP Global Maintenance Support

NEEDHAM, MA 02494

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
|                                 |                                      |  | Code                           | V Amount (D) Price  |   |  |   |
| Common Stock                    | 11/15/2010                           |  | M                              | 46,374 A (1)  | 93,583  | D  |   |
| Common Stock                    | 11/15/2010                           |  | F                              | 19,362 (2) D \$ 21.79   | 74,221  | D  |   |
| Common Stock                    | 11/16/2010                           |  | S                              | 10,468 D 20.8662 (3)  | 63,753  | D  |   |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form**

SEC 1474  
(9-02)

displays a currently valid OMB control number.

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Restricted Stock Units                     | <u>(1)</u>   | 11/15/2010                           |  | M                              | 11,774  | <u>(4)</u> / <u>(4)</u>                                  | Common Stock  | 11,774                        |
| Restricted Stock Units                     | <u>(1)</u>   | 11/15/2010                           |  | M                              | 11,774  | <u>(5)</u> / <u>(5)</u>                                  | Common Stock  | 11,774                        |
| Restricted Stock Units                     | <u>(1)</u>   | 11/15/2010                           |  | M                              | 22,826  | <u>(6)</u> / <u>(6)</u>                                  | Common Stock  | 22,826                        |

## Reporting Owners

| Reporting Owner Name / Address                             | Relationships |           |                                |       |
|--|---------------|-----------|--------------------------------|-------|
|  | Director      | 10% Owner | Officer                        | Other |
| DIBONA ANTHONY<br>140 KENDRICK STREET<br>NEEDHAM, MA 02494 |               |           | EVP Global Maintenance Support |       |

## Signatures

Catherine Gorecki by power of attorney filed 11/2/2007  
 11/17/2010

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(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) Tendered to Issuer to satisfy tax withholding obligations of Reporting Person incurred in connection with the vesting of 46,374 shares of the Reporting Person's restricted stock unit awards on November 15, 2010.

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- (3) This transaction was executed in multiple trades at prices ranging from \$20.77 to \$20.921. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.
- (4) Time-based restricted stock units that vested as to 11,774 RSUs on November 15, 2010 and vest as to 11,773 RSUs on November 15, 2011 and 11,773 RSUs on November 15, 2012.
- (5) Performance-based restricted stock units subject to subsequent time-based restrictions that vested as to 11,774 RSUs on November 15, 2010 and vest as to 11,773 RSUs on November 15, 2011 and 11,773 RSUs on November 15, 2012.
- (6) Time-based restricted stock units that vested as to 22,827 RSUs on November 15, 2009 and 22,826 RSUs on November 15, 2010 and will vest as to 22,826 RSUs on November 15, 2011.
- (7) 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.

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