DIBONA ANTHONY

Form 4

November 19, 2012

FORM 4

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

OMB

OMB APPROVAL

3235-0287 Number:

Expires:

January 31, 2005

0.5

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** Form 5

obligations may continue. See Instruction

(Ctata)

(7:-

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **DIBONA ANTHONY** Issuer Symbol PARAMETRIC TECHNOLOGY (Check all applicable) CORP [PMTC] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title _ Other (specify (Month/Day/Year) below) 140 KENDRICK STREET 11/15/2012 **EVP Global Maintenance Support** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting NEEDHAM, MA 02494 Person

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acquii	red, Disposed of,	or Beneficiall	y 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. Securit or Dispos (Instr. 3,	sed of	` '	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	11/15/2012		M	74,192	A	\$ 0 (1)	122,943	D	
Common Stock	11/15/2012		F	26,532 (2)	D	\$ 19.22	96,411	D	
Common Stock	11/16/2012		S	6,195	D	\$ 18.9911	90,216	D	

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

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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)	Code	TransactionDerivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	<u>(1)</u>	11/15/2012		M	11,773	<u>(4)</u>	<u>(4)</u>	Common Stock	11,773	
Restricted Stock Units	(1)	11/15/2012		M	8,171	(5)	<u>(5)</u>	Common Stock	8,171	
Restricted Stock Units	<u>(1)</u>	11/15/2012		M	9,031	<u>(6)</u>	<u>(6)</u>	Common Stock	9,031	
Restricted Stock Units	<u>(1)</u>	11/15/2012		M	11,773	<u>(7)</u>	<u>(7)</u>	Common Stock	11,773	
Restricted Stock Units	<u>(1)</u>	11/15/2012		M	16,447	<u>(8)</u>	<u>(8)</u>	Common Stock	16,447	
Restricted Stock Units	(1)	11/15/2012		M	8,171	<u>(9)</u>	<u>(9)</u>	Common Stock	8,171	
Restricted Stock Units	(1)	11/15/2012		M	8,826	(10)	(10)	Common Stock	8,826	

Reporting Owners

Reporting Owner Name / Address	Relationships					
·r· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other		
DIBONA ANTHONY						
140 KENDRICK STREET			EVP Global Maintenance Support			
NEEDHAM, MA 02494						

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Signatures

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

11/19/2012

**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 one share of Parametric Technology Corporation common stock.
- Tendered to Issuer to satisfy tax withholding obligations of Reporting Person incurred in connection with the vesting of 74,192 shares of the Reporting Person's restricted stock unit awards on November 15, 2012.
- This transaction was executed in multiple trades at prices ranging from \$18.91 to \$19.08. The price reported above reflects the weighted average purchase 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.
- Time-based restricted stock units that vested as to 11,774 RSUs on November 15, 2010 and 11,773 RSUs on November 15, 2011 and November 15, 2012.
- (5) Time-based restricted stock units that vested as to 8,172 RSUs on November 15, 2011 and 8,171 RSUs on November 15, 2012 and will vest as to 8,171 RSUs on November 15, 2013.
- Time-based restricted stock units that vested as to 9,031 RSUs on November 15, 2012 and will vest as to 9,030 RSUs on November 15, 2013 and November 15, 2014.
- (7) Performance-based restricted stock units subject to subsequent time-based restrictions that vested as to 11,774 RSUs on November 15, 2010, 11,773 RSUs on November 15, 2011 and November 15, 2012.
- (8) Performance-based restricted stock units that vested as to 16,477 RSUs on November 15, 2012.
- (9) Performance-based restricted stock units subject to subsequent time-based restrictions that vested as to 8,172 RSUs on November 15, 2011 and 8,171 RSUs on November 15, 2012 and will vest as to 8,171 RSUs on November 15, 2013.
- Performance-based restricted stock units subject to subsequent time-based restrictions that vested as to 8,826 RSUs on November 15, 2012 and will vest as to 8,825 RSUs on November 15, 2013 and November 15, 2014.
- (11) 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.

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