

PARAMETRIC TECHNOLOGY CORP
 Form 4
 February 26, 2007

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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)
 Director 10% Owner
 Officer (give title below) Other (specify below)
 EVP, Global Maintenance Support

(Last) (First) (Middle)
C/O PARAMETRIC TECHNOLOGY CORP, 140 KENDRICK ST
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
02/22/2007

NEEDHAM, MA 02494
 (City) (State) (Zip)

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

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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	02/22/2007		M		10,000 A \$ 8.5	110,995	D
Common Stock	02/22/2007		S		10,000 (1) D \$ 20.5	100,995	D

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

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SEC 1474 (9-02)

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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)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 8.5	02/22/2007		M	10,000	<u>(2)</u> 05/30/2012	Common Stock 10,000

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

DIBONA ANTHONY
C/O PARAMETRIC TECHNOLOGY CORP
140 KENDRICK ST
NEEDHAM, MA 02494

EVP, Global Maintenance Support

Signatures

Christopher J. MacKrell pursuant to a power of attorney filed July 6, 2005

02/26/2007

__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) Shares sold pursuant to a pre-established Rule 10b5-1(c) trading plan.

(2) Employee stock option granted 5/30/2002, exercisable in four equal annual installments of 10,000 shares each beginning on 5/30/2003, the first anniversary of the date of grant.

(3) This amount represents the total number of Derivative Securities Beneficially Owned by the class shown (i.e. the same exercise price and expiration date). The Reporting Person owns a total of 245,748 Options to purchase Common Stock of varying classes (i.e. varying exercise prices and expiration dates).

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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