Diouane Marc Form 4 November 04, 2010

Check this box

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

3235-0287 Number:

January 31, Expires: 2005

0.5

Estimated average burden hours per response...

if no longer subject to Section 16. Form 4 or

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 may continue. 30(h) of the Investment Company Act of 1940

See Instruction 1(b).

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obligations

(Print or Type Responses)

1. Name and Address of Reporting Person *

Diouane Marc

(Last)

2. Issuer Name and Ticker or Trading

Symbol

PARAMETRIC TECHNOLOGY CORP [PMTC]

(First) (Middle)

140 KENDRICK STREET

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

11/03/2010

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify

EVP Global Services

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

NEEDHAM, MA 02494

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership Form: Direct (D) or Indirect Beneficial (I) (Instr. 4)

7. Nature of Indirect Ownership (Instr. 4)

Reported (A) Code V Amount (D) Price

Transaction(s) (Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form 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

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

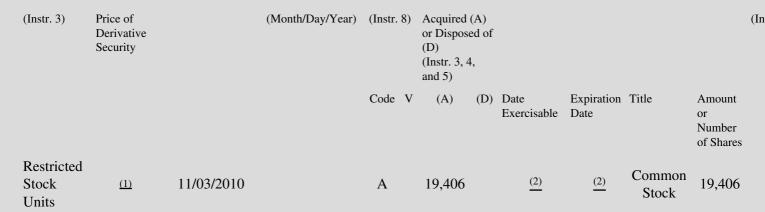
any

4. 5. Number of **Transaction**Derivative Securities Code

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8. 1 **Underlying Securities** De (Instr. 3 and 4) Sec

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Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Diouane Marc

140 KENDRICK STREET EVP Global Services

NEEDHAM, MA 02494

Signatures

Catherine Gorecki by power of attorney filed 11/04/2010

**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.
- Performance-based restricted stock units subject to subsequent time-based restrictions. The restricted stock units will be earned only to the extent the established performance criteria are met. The restricted stock units finally earned will vest as to one-third of such units on each of (i) the latter of November 15, 2011 or the date the Compensation Committee determines the performance criteria have been achieved, (ii) November 15, 2012 and (iii) November 15, 2013.

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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