

Diouane Marc  
 Form 3  
 October 06, 2010

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

OMB APPROVAL

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**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 <b>and</b> Ticker or Trading Symbol	
Â Diouane Marc		(Month/Day/Year)	PARAMETRIC TECHNOLOGY CORP [PMTC]	
(Last)	(First)	(Middle)	10/01/2010	
140 KENDRICK STREET			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
NEEDHAM,Â MAÂ 02494			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			(give title below) (specify below)	<input type="checkbox"/> Form filed by More than One Reporting Person
			EVP Global Services	

**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	0	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 (1)	Â (1)	Common Stock	3,857 (7)	\$ 0 (2)	D	Â
Restricted Stock Units	Â (3)	Â (3)	Common Stock	22,893 (7)	\$ 0 (2)	D	Â
Restricted Stock Units	Â (4)	Â (4)	Common Stock	32,894 (7)	\$ 0 (2)	D	Â
Restricted Stock Units	Â (5)	Â (5)	Common Stock	4,484 (7)	\$ 0 (2)	D	Â
Employee Stock Option (right to buy)	Â (6)	11/15/2011	Common Stock	4,000 (7)	\$ 20.75	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Diouane Marc 140 KENDRICK STREET NEEDHAM, MA 02494	Â	Â	Â EVP Global Services	Â

## Signatures

Catherine Gorecki by power of attorney filed  
10/6/2010

10/06/2010

\_\_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) Restricted stock units granted on November 7, 2007 that will vest on November 15, 2010.
- (2) Each restricted stock unit represents a contingent right to receive one share of Parametric Technology Corporation common stock.
- (3) Restricted stock units granted on May 13, 2009 that will vest as to 11,447 RSUs on November 15, 2010 and 11,446 RSUs on November 15, 2011.
- (4) Restricted stock units granted on November 3, 2009 that will vest as to 10,965 RSUs on November 15, 2010, 10,965 RSUs on November 15, 2011, and 10,964 RSUs on November 15, 2012.
- (5) Restricted stock units granted on November 7, 2007 that will vest as to 4,484 RSUs on November 15, 2010.
- (6) Employee stock option granted 5/30/2002 that vested in four equal annual installments of 1,000 shares each on November 15, 2002, 2003, 2004 and 2005. The option is exercisable in full.
- (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. 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.