

CARPENTER TECHNOLOGY CORP
 Form 4
 March 21, 2007

FORM 4

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

OMB APPROVAL

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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 *
 OATES DENNIS M

2. Issuer Name and Ticker or Trading Symbol
 CARPENTER TECHNOLOGY CORP [CRS]

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

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 03/19/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Sr. VP-Specialty Alloys Oper.

CARPENTER TECHNOLOGY CORPORATION, PO BOX 14662
 (Street)

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

READING, PA 19612-4662

(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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock					48,484.9 ⁽¹⁾	D	
Common Stock	03/19/2007		M	81.7673 A <u>(2)</u>	81.7673	I	By 401(k) Plan

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

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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 of Number of Shares
Series A Convertible Preferred Stock Units	\$ 0	03/19/2007		M	81.7673	(2)	(2)	Common Stock	81.7673

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
OATES DENNIS M CARPENTER TECHNOLOGY CORPORATION PO BOX 14662 READING, PA 19612-4662			Sr. VP-Specialty Alloys Oper.	

Signatures

David A.
Christiansen/POA 03/21/2007

__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) Includes shares acquired under the Carpenter Technology Corporation Dividend Reinvestment Program.

Series A Convertible Preferred Stock units were allocated to Participants under the Carpenter Technology Corporation Employee Stock Ownership Plan. Units, which are convertible into shares of common stock, vest after the completion of five years of employment, subject to certain conditions. The Employee Stock Ownership Plan was, in relevant part, merged into The Savings Plan of Carpenter Technology Corporation. The stock units were converted into common stock and transferred directly into Participant's account under The Savings Plan of Carpenter Technology Corporation.

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.