

CARPENTER TECHNOLOGY CORP
 Form 4
 May 22, 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 *
 WARD JR STEPHEN 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)
 CARPENTER TECHNOLOGY CORPORATION, PO BOX 14662
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 05/21/2007

Director 10% Owner
 Officer (give title below) Other (specify below)

READING, PA 19612-4662

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

(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 Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	05/21/2007		M	4,000	A \$ 23.23	6,866	D
Common Stock	05/21/2007		S	4,000	D \$ 136.88	2,866	D
Common Stock	05/21/2007		M	4,000	A \$ 25.59	6,866	D
Common Stock	05/21/2007		S	4,000	D \$ 136.88	2,866	D

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

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(9-02)

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)	8. Amount or Number of Shares
Director Stock Option (Right to Buy)	\$ 23.23	05/21/2007		M	4,000	10/22/2002 10/22/2011	Common Stock	4,000
Director Stock Option (Right to Buy)	\$ 25.59	05/21/2007		M	4,000	10/27/2004 10/27/2013	Common Stock	4,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WARD JR STEPHEN M CARPENTER TECHNOLOGY CORPORATION PO BOX 14662 READING, PA 19612-4662	X			

Signatures

David A. Christiansen/POA 05/22/2007

**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) The price reported is an average of the total transactions executed for the day, with the individual transactions ranging from a low of \$136.72 per share to a high of \$137.05 per share.
- (2) The reporting person was granted an option to purchase stock as part of his director's compensation with an effective grant date of 10/22/2001.
- (3) The reporting person was granted an option to purchase stock as part of his director's compensation with an effective grant date of 10/27/2003.

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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