

CARPENTER TECHNOLOGY CORP
 Form 4
 March 21, 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 *
 SHOR MICHAEL L

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)
 03/19/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Sr. VP-Engineered Products Op.

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
| Common Stock | | | | (A) or (D) Price | 27,137.345 (1) | D | |
| Common Stock | 03/19/2007 | | M | 362.7779 A (2) | 362.7779 | I | By 401(k) Plan |

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

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.

SEC 1474 (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) | | |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--------------|-------------------------|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title | Amount Number of Shares |
| Series A Convertible Preferred Stock Units | \$ 0 | 03/19/2007 | | M | 362.7779 | (2) | (2) | Common Stock | 362.77 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

SHOR MICHAEL L
CARPENTER TECHNOLOGY CORPORATION
PO BOX 14662
READING, PA 19612-4662

Sr. VP-Engineered Products Op.

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.