

STEPHANS PETER N  
Form 5  
August 16, 2010

**FORM 5**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
STEPHANS PETER N

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. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
06/30/2010

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

CARPENTER TECHNOLOGY CORPORATION, PO BOX 14662

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting

(check applicable line)

READING, PA 19612-4662

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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) Amount	or (D)	Price			
Common Stock	^	^	^	^	^	^	38,296 <sup>(1)</sup>	D	^
Common Stock	^	^	^	^	^	^	38,296 <sup>(2)</sup>	I	By Spouse in Trust
Common Stock	^	^	^	^	^	^	7,400 <sup>(3)</sup>	I	Spouse of Trustee
Common Stock	^	^	^	^	^	^	7,400 <sup>(3)</sup>	I	Spouse of Trustee



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ownership of these securities, and the filing of this report is not an admission that the reporting person is the beneficial owner of these securities for purposes of Section 16, or for any other purpose.

- (4) These shares are held in a grantor retained annuity trust, created on December 18, 2009, PNC Bank, N.A., Trustee.
- (5) Converts to common stock on a 1-for-1 basis
- (6) Payable upon retirement
- (7) Includes dividend equivalents

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