INGLIS I MARTIN
Form 5
August 16, 2010

FORM 5

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

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

OMB APPROVAL

OMB Number:	3235-0362
Expires:	January 31, 2005
Estimated average burden hours per response...	1.0

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

1. Name and Address of Reporting Person *
INGLIS I MARTIN

(Last) (First) (Middle)

CARPENTER TECHNOLOGY CORPORATION,Â PO BOX 14662

(Street)

READING,Â PAÂ 19612-4662

(City) (State) (Zip)

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

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

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

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)
__X__ Director
_____ 10% Owner
_____ Officer (give title below)
_____ Other (specify below)

6. Individual or Joint/Group Reporting
(check applicable line)
_X_ Form Filed by One Reporting Person
___ Form Filed by More than One Reporting Person

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 Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Stock	Â	Â	Â	Â	Â	Â	200	D	Â
Common Stock	Â	Â	Â	Â	Â	Â	400 (1)	I	Spouse of Trustee

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

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SEC 2270 (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. Pr Deri Secu (Inst
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Director Stock Units	Â	Â	Â	Â	Â	Â	Â (3)	Â (3)	Common Stock	14,523.3	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
INGLIS I MARTIN CARPENTER TECHNOLOGY CORPORATION PO BOX 14662 READING,Â PAÂ 19612-4662	Â X	Â	Â	Â

Signatures

K. Douglas Ralph/POA	08/16/2010
**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) These shares are held in the Susan M. Inglis Revocable Living Trust dated May 24, 1996, Susan M. Inglis, Trustee, for the benefit of Susan M. Inglis.

(2) Converts to common stock on a 1-for-1 basis

(3) Payable upon retirement

(4) Includes dividend equivalents

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure.
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