

SIMMONS HAROLD C
Form 4
July 16, 2010

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 *
CONTRAN CORP

(Last) (First) (Middle)

5430 LBJ FREEWAY, SUITE 1700

(Street)

DALLAS, TX 75240

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
TITANIUM METALS CORP [TIE]

3. Date of Earliest Transaction
(Month/Day/Year)
07/14/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 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, \$.01 par value | 07/14/2010 | | J ⁽¹⁾ | 100,000 D | 400,000 | I | by COAM ⁽²⁾ |
| Common Stock, \$.01 par value | | | | | 907,355 | D | |
| Common Stock, \$.01 par value | | | | | 44,878,081 | I | by VHC ⁽³⁾ |
| Common Stock, \$.01 par value | | | | | 882,568 | I | by NL ⁽⁴⁾ |

Robert D. Graham, Attorney-in-fact, for Harold C.
Simmons

__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) Transferred in a private transaction to The University of Texas Southwestern Medical Center at Dallas ("UTSMCD") in partial satisfaction of certain payment obligations of COAM Company ("COAM") under certain sponsored research agreements COAM has with UTSMCD.
 - (2) Directly held by COAM Company. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship to the persons joining in this filing.
 - (3) Directly held by Valhi Holding Company. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship to the persons joining in this filing.
 - (4) Directly held by NL Industries, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships to the persons joining in this filing.
 - (5) Directly held by Valhi, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships to the persons joining in this filing.
 - (6) Directly held by NL Environmental Management Services, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships to the persons joining in this filing.

Remarks:

Harold C. Simmons and his wife own 7,422,787 and 21,115,875 shares, respectively, of the common stock of the issuer. A tru

Exhibit Index

Exhibit 99 - Additional Information

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.