SIMMONS HAROLD C

Form 4

December 10, 2010

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005 Estimated average

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

Issuer

See Instruction

30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

TITANIUM METALS CORP [TIE]

Symbol

1(b).

(Print or Type Responses)

SIMMONS HAROLD C

1. Name and Address of Reporting Person *

			THANIOW WETALS CORE [TIL]			ربيب	(Check all applicable)			
(Month/I			ate of Earliest Transaction onth/Day/Year) 10/2010				_X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below) Chairman of the Board			
				Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person		
DALLAS,	TX 75240							_X_ Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Tab	ole I - Non	-Derivative	Secu	rities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)		Date, if	3. Transacti Code (Instr. 8)	iomr Dispos (Instr. 3,	sed of		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)
Common Stock, \$.01 par value	12/10/2010			J <u>(1)</u>	10,100	A	\$ 17.6999	430,400	I	by Kronos (2)
Common Stock, \$.01 par value	12/10/2010			J <u>(1)</u>	1,200	A	\$ 17.6975	431,600	I	by Kronos (2)
Common Stock, \$.01 par value	12/10/2010			J <u>(1)</u>	3,600	A	\$ 17.7	435,200	I	by Kronos (2)

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Common Stock, \$.01 par value	12/10/2010	<u>J(1)</u>	100	A	\$ 17.69	435,300	I	by Kronos (2)
Common Stock, \$.01 par value						44,878,081	I	by VHC
Common Stock, \$.01 par value						21,825,875	I	by Spouse (4)
Common Stock, \$.01 par value						5,628,787	D	
Common Stock, \$.01 par value						882,568	I	by NL (5)
Common Stock, \$.01 par value						826,959	I	by Valhi
Common Stock, \$.01 par value						707,355	I	by Contran
Common Stock, \$.01 par value						566,529	I	by NL EMS (8)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	onNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	re e	Securities	(Instr. 5)	Bene
	Derivative				Securities	S	(Instr. 3 and 4)		Own
	Security				Acquired				Follo

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(A) or Disposed of (D) (Instr. 3, 4, and 5)

Code V (A) (D) Date Expiration Title Amount Exercisable Date or

Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships						
Reporting Owner Function	Director	10% Owner	Officer	Other			
SIMMONS HAROLD C 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240	X	X	Chairman of the Board				
CONTRAN CORP 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240		X					
VALHI HOLDING CO 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240		X					
DIXIE RICE AGRICULTURE CORP INC 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240		X					

Signatures

A. Andrew R. Louis, Attorney-in-fact, for Harold C. Simmons	12/10/2010
**Signature of Reporting Person	Date
A. Andrew R. Louis, Secretary, for Contran Corporation	12/10/2010
**Signature of Reporting Person	Date
A. Andrew R. Louis, Secretary, for Valhi Holding Company	12/10/2010
**Signature of Reporting Person	Date
A. Andrew R. Louis, Secretary, for Dixie Rice Agricultural Corporation, Inc.	12/10/2010
**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) Open market purchase by Kronos Worldwide, 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.
- (2) Directly held by Kronos Worldwide, 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.

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- (3) Directly held by Valhi Holding Company. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships to the persons joining in this filing.
- Directly held by the reporting person's spouse. Mr. Simmons disclaims beneficial ownership of any shares of the issuer's common stock (4) that his spouse holds. 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 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.
- (6) 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.
- (7) Directly held by Contran Corporation. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships to the persons joining in this filing.
- (8) 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:

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.