SIMMONS HAROLD C

Form 4

November 29, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

Check this box if no longer subject to Section 16. Form 4 or

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

Symbol

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. See Instruction

1. Name and Address of Reporting Person *

30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

TITANIUM METALS CORP [TIE]

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

1(b).

Form 5

(Print or Type Responses)

SIMMONS HAROLD C

	(Last)	(First)	(Middle)	3. Date of Earliest	Transaction			(Clieck	an applicable)
5430 LBJ FREEWAY, SUITE 1700				(Month/Day/Year) 11/29/2010				_X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below) Chairman of the Board		
(Street)				Filed(Month/Day/Year)			A	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)	Table I - Non	-Derivative	Secu	rities Acqui	red, Disposed of,	or Beneficiall	y Owned
	1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Date, if Transact Code	iomr Dispos (Instr. 3, 4	ed 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	11/29/2010		<u>J(1)</u>	100	A	\$ 17.08	120,400	I	by Kronos (2)
	Common Stock, \$.01 par value	11/29/2010		J <u>(1)</u>	4,391	A	\$ 17.09	124,791	I	by Kronos (2)
	Common Stock, \$.01 par value	11/29/2010		<u>J(1)</u>	15,509	A	\$ 17.1	140,300	I	by Kronos (2)

Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	1,421	A	\$ 17.11	141,721	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	600	A	\$ 17.12	142,321	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	3,289	A	\$ 17.13	145,610	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	12,830	A	\$ 17.14	158,440	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	100	A	\$ 17.145	158,540	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	7,360	A	\$ 17.1499	165,900	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	64,500	A	\$ 17.15	230,400	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	9,900	A	\$ 17.16	240,300	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	1,897	A	\$ 17.17	242,197	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	4,413	A	\$ 17.18	246,610	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	3,920	A	\$ 17.19	250,530	I	by Kronos (2)
	11/29/2010	J <u>(1)</u>	6,703	A	\$ 17.2	257,233	I	

Common Stock, \$.01 par value								by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	2,913	A	\$ 17.21	260,146	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	200	A	\$ 17.215	260,346	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	1,700	A	\$ 17.2199	262,046	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	14,817	A	\$ 17.22	276,863	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	200	A	\$ 17.225	277,063	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	5,993	A	\$ 17.23	283,056	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	J <u>(1)</u>	1,823	A	\$ 17.24	284,879	I	by Kronos (2)
Common Stock, \$.01 par value	11/29/2010	<u>J(1)</u>	5,421	A	\$ 17.25	290,300	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)
						5,628,787	D	

Common Stock, \$.01 par value			
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 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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Titl	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	ctionNumber	Expiration D	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8	B) Derivativ	e		Securi	ities	(Instr. 5)
	Derivative				Securities	S		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
									or	
						Date	Expiration	Title	Number	
						Exercisable	Date	11110	of	
				Code	V (A) (D)				Shares	
				Couc	(11) (D)				Silaics	

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Reporting Owners

Reporting Owner Name / Address	Relationships							
and the second	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						
**Signature of Reporting Person	Date					
A. Andrew R. Louis, Secretary, for Contran Corporation	11/29/2010					
**Signature of Reporting Person	Date					
A. Andrew R. Louis, Secretary, for Valhi Holding Company						
**Signature of Reporting Person	Date					
A. Andrew R. Louis, Secretary, for Dixie Rice Agricultural Corporation, Inc.	11/29/2010					
**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).
- 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.
- 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
- (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.

Reporting Owners 5

- (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.