

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

Schedule 13D  
(Amendment No. 5)\*

Under the Securities Exchange Act of 1934

TITANIUM METALS CORPORATION  
(Name of Issuer)

Common Stock, \$0.01 par value per share  
(Title of Class of Securities)

888339 10 8  
(CUSIP Number)

STEVEN L. WATSON  
THREE LINCOLN CENTRE  
SUITE 1700  
5430 LBJ FREEWAY  
DALLAS, TEXAS 75240-2694  
(972) 233-1700

(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

June 6, 2001  
(Date of Event which requires Filing  
of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of sections 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. [ ]

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(Continued on following pages)

CUSIP No. 888339 10 8

- 1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH PERSONS (ENTITIES ONLY)  

Tremont Corporation
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)  

(a) [ ]

(b) [ X ]
- 3 SEC USE ONLY
- 4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

WC and AF

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED  
PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

	7	SOLE VOTING POWER	-0-
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	8	SHARED VOTING POWER	12,280,005
	9	SOLE DISPOSITIVE POWER	-0-
	10	SHARED DISPOSITIVE POWER	12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES  
CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH  
PERSONS (ENTITIES ONLY)

Tremont Group, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED  
PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

7 SOLE VOTING POWER

-0-

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	8	SHARED VOTING POWER	12,280,005
	9	SOLE DISPOSITIVE POWER	-0-

	10	SHARED DISPOSITIVE POWER	12,280,005
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11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES  
CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  
38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)  
CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH  
PERSONS (ENTITIES ONLY)

Tremont Holdings, LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED  
PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

	7	SOLE VOTING POWER
--	---	-------------------

-0-

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	8	SHARED VOTING POWER	12,280,005
	9	SOLE DISPOSITIVE POWER	-0-

10 SHARED DISPOSITIVE POWER

12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES  
CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

OO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH  
PERSONS (ENTITIES ONLY)

NL Industries, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED  
PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

New Jersey

7 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

8 SHARED VOTING POWER

12,280,005

9 SOLE DISPOSITIVE POWER

-0-

10 SHARED DISPOSITIVE POWER

12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES

CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH PERSONS (ENTITIES ONLY)

Valhi, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

7 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY

8 SHARED VOTING POWER

OWNED BY  
EACH

12,280,005

REPORTING  
PERSON  
WITH

9 SOLE DISPOSITIVE POWER

-0-

10 SHARED DISPOSITIVE POWER

12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH PERSONS (ENTITIES ONLY)

Valhi Group, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Nevada

7 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

8 SHARED VOTING POWER

12,280,005

9 SOLE DISPOSITIVE POWER

-0-

10 SHARED DISPOSITIVE POWER

12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH PERSONS (ENTITIES ONLY)

National City Lines, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED  
PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

7 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

8 SHARED VOTING POWER

12,280,005

9 SOLE DISPOSITIVE POWER

-0-

10 SHARED DISPOSITIVE POWER

12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES  
CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH  
PERSONS (ENTITIES ONLY)

NOA, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED  
PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Texas

7 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

8 SHARED VOTING POWER

12,280,005

9 SOLE DISPOSITIVE POWER

-0-

10 SHARED DISPOSITIVE POWER

12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES  
CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH  
PERSONS (ENTITIES ONLY)

Dixie Holding Company

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED  
PURSUANT TO ITEMS 2(d) OR 2(e) [ ]



6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

7 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

8 SHARED VOTING POWER

12,280,005

9 SOLE DISPOSITIVE POWER

-0-

10 SHARED DISPOSITIVE POWER

12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES  
CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH  
PERSONS (ENTITIES ONLY)

Dixie Rice Agricultural Corporation, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED  
PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Louisiana

7 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY

8 SHARED VOTING POWER

OWNED BY EACH REPORTING PERSON WITH 9 SOLE DISPOSITIVE POWER 12,280,005 -0-

10 SHARED DISPOSITIVE POWER 12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH PERSONS (ENTITIES ONLY)

Southwest Louisiana Land Company, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Louisiana

7 SOLE VOTING POWER -0-

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 8 SHARED VOTING POWER 12,280,005

9 SOLE DISPOSITIVE POWER -0-

10 SHARED DISPOSITIVE POWER 12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH PERSONS (ENTITIES ONLY)

Contran Corporation

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

7 SOLE VOTING POWER

-0-

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

8 SHARED VOTING POWER

12,280,005

9 SOLE DISPOSITIVE POWER

-0-

10 SHARED DISPOSITIVE POWER

12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH PERSONS (ENTITIES ONLY)

The Combined Master Retirement Trust

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

WC

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Texas

7 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

8 SHARED VOTING POWER

13,698,505

9 SOLE DISPOSITIVE POWER

-0-

10 SHARED DISPOSITIVE POWER

13,698,505

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

13,698,505

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

43.1%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

EP

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH PERSONS (ENTITIES ONLY)

Harold Simmons Foundation, Inc.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Texas

7 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

8 SHARED VOTING POWER

12,280,005

9 SOLE DISPOSITIVE POWER

-0-

10 SHARED DISPOSITIVE POWER

12,280,005

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

12,280,005

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [ ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

38.6%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

CO

CUSIP No. 888339 10 8

1 NAMES OF REPORTING PERSONS AND I.R.S. IDENTIFICATION NOS. OF SUCH PERSONS (ENTITIES ONLY)

Harold C. Simmons

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a) [ ]

(b) [ X ]

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

Not applicable

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED  
PURSUANT TO ITEMS 2(d) OR 2(e) [ ]

6 CITIZENSHIP OR PLACE OF ORGANIZATION

USA

7 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH

8 SHARED VOTING POWER

13,698,505

REPORTING  
PERSON  
WITH

9 SOLE DISPOSITIVE POWER

-0-

10 SHARED DISPOSITIVE POWER

13,698,505

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

-0-

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES  
CERTAIN SHARES (SEE INSTRUCTIONS) [ X ]

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

0.0%

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IN

AMENDMENT NO. 5  
TO SCHEDULE 13D

This amended statement on Schedule 13D (collectively, this "Statement") relates to the common stock, \$0.01 par value per share (the "Shares"), of Titanium Metals Corporation, a Delaware corporation (the "Company"). Items 2 and 5 of this Statement are hereby amended as set forth below.

Item 2. Identity and Background.

Item 2(a) is hereby amended and restated in its entirety as follows:

(a) This Statement is filed by (i) Tremont Corporation ("Tremont") as the direct holder of Shares, (ii) The Combined Master Retirement Trust (the "CMRT") as the direct holder of Shares and by virtue of its indirect ownership of securities of Tremont (as described below in this Statement), (iii) by virtue of the direct and indirect ownership of securities of Tremont (as described below in this Statement), Tremont Group, Inc. ("TGI"), Tremont Holdings, LLC ("TRE Holdings"), NL Industries, Inc. ("NL"), Valhi, Inc. ("Valhi"), Valhi Group, Inc. ("VGI"), National City Lines, Inc. ("National"), NOA, Inc. ("NOA"),

Dixie Holding Company ("Dixie Holding"), Dixie Rice Agricultural Corporation, Inc. ("Dixie Rice"), Southwest Louisiana Land Company, Inc. ("Southwest"), Contran Corporation ("Contran") and the Harold Simmons Foundation, Inc. (the "Foundation") and (iv) by virtue of his positions with Contran and certain of the other entities (as described in this Statement), Harold C. Simmons (collectively, the "Reporting Persons"). By signing this Statement, each Reporting Person agrees that this Statement is filed on its or his behalf.

Tremont and the CMRT are the direct holders of approximately 38.6% and 4.5%, respectively, of the 31,817,801 Shares outstanding as of April 30, 2001 according to the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2001 (the "Outstanding Shares"). Tremont may be deemed to control the Company.

TGI, TRE Holdings and Valhi are the direct holders of approximately 80.0%, 0.1% and 0.1%, respectively, of the outstanding shares of Tremont common stock and together may be deemed to control Tremont. Valhi and TRE Holdings are the direct holders of 80.0% and 20.0%, respectively of the outstanding common stock of TGI and together may be deemed to control TGI. NL is the sole member of TRE Holdings and may be deemed to control TRE Holdings. Valhi and Tremont are the direct holders of approximately 60.4% and 20.5%, respectively, of the outstanding common stock of NL and together may be deemed to control NL. VGI, National, Contran, the Foundation, the Contran Deferred Compensation Trust No. 2 (the "CDCT No. 2") and the CMRT are the direct holders of 81.7%, 9.5%, 1.9%, 0.5%, 0.4% and 0.1%, respectively, of the common stock of Valhi. Together, VGI, National and Contran may be deemed to control Valhi. National, NOA and Dixie Holding are the direct holders of approximately 73.3%, 11.4% and 15.3%, respectively, of the outstanding common stock of VGI. Together, National, NOA and Dixie Holding may be deemed to control VGI. Contran and NOA are the direct holders of approximately 85.7% and 14.3%, respectively, of the outstanding common stock of National and together may be deemed to control National. Contran and Southwest are the direct holders of approximately 49.9% and 50.1%, respectively, of the outstanding common stock of NOA and together may be deemed to control NOA. Dixie Rice is the direct holder of 100% of the outstanding common stock of Dixie Holding and may be deemed to control Dixie Holding. Contran is the holder of 100% of the outstanding common stock of Dixie Rice and may be deemed to control Dixie Rice. Contran is the holder of approximately 88.9% of the outstanding common stock of Southwest and may be deemed to control Southwest.

Substantially all of Contran's outstanding voting stock is held by trusts established for the benefit of certain children and grandchildren of Harold C. Simmons (the "Trusts"), of which Mr. Simmons is the sole trustee. As sole trustee of each of the Trusts, Mr. Simmons has the power to vote and direct the disposition of the shares of Contran stock held by each of the Trusts. Mr. Simmons, however, disclaims beneficial ownership of any shares of Contran stock that the Trusts hold.

The CMRT directly holds approximately 4.5% of the Outstanding Shares and 0.1% of the outstanding shares of Valhi common stock. Valhi established the CMRT as a trust to permit the collective investment by master trusts that maintain the assets of certain employee benefit plans Valhi and related companies adopt. Mr. Simmons is the sole trustee of the CMRT and a member of the trust investment committee for the CMRT. Mr. Simmons is a participant in one or more of the employee benefit plans that invest through the CMRT.

The Foundation directly holds approximately 0.5% of the outstanding Valhi common stock. The Foundation is a tax-exempt foundation organized for charitable purposes. Harold C. Simmons is the chairman of the board and chief executive officer of the Foundation and may be deemed to control the Foundation.

The CDCT No. 2 directly holds approximately 0.4% of the outstanding Valhi common stock. U.S. Bank National Association serves as the trustee of the CDCT No. 2. Contran established the CDCT No. 2 as an irrevocable "rabbi trust" to assist Contran in meeting certain deferred compensation obligations that it owes to Harold C. Simmons. If the CDCT No. 2 assets are insufficient to satisfy such obligations, Contran is obligated to satisfy the balance of such obligations as they come due. Pursuant to the terms of the CDCT No. 2, Contran (i) retains the power to vote the shares of Valhi common stock held directly by the CDCT No. 2, (ii) retains dispositive power over such shares and (iii) may be deemed the indirect beneficial owner of such shares.

Valmont Insurance Company ("Valmont") and a subsidiary of NL directly own 1,000,000 shares and 1,186,200 shares, respectively, of Valhi common stock. Valhi is the direct holder of 100% of the outstanding common stock of Valmont

and may be deemed to control Valmont. Pursuant to Delaware law, Valhi treats the shares of Valhi common stock that Valmont and the subsidiary of NL own as treasury stock for voting purposes and for the purposes of this Statement such shares are not deemed outstanding.

Mr. Harold C. Simmons is chairman of the board and chief executive officer of TGI, Valhi, VGI, National, NOA, Dixie Holding, Dixie Rice, Southwest and Contran. Mr. Simmons is also chairman of the board of NL and a director of Tremont.

By virtue of the holding of the offices, the stock ownership and his service as trustee, all as described above, (a) Mr. Simmons may be deemed to control the entities described above and (b) Mr. Simmons and certain of such entities may be deemed to possess indirect beneficial ownership of Shares directly held by certain of such other entities. However, Mr. Simmons disclaims beneficial ownership of the Shares beneficially owned, directly or indirectly, by any of such entities, except to the extent of his vested beneficial interest in the Shares held by the CMRT.

Harold C. Simmons' spouse is the direct owner of 69,475 shares of NL common stock and 77,000 shares of Valhi common stock. Mr. Simmons may be deemed to share indirect beneficial ownership of such shares. Mr. Simmons disclaims all such beneficial ownership.

Certain information concerning the directors and executive officers of the Reporting Persons, including offices held by Mr. Simmons is set forth on Schedule B attached hereto and incorporated herein by reference.

Item 5. Interest in Securities of the Issuer.

No change except for the addition of the following:

(a) Tremont and the CMRT are the direct beneficial owners of 12,280,005 and 1,418,500 Shares, respectively.

By virtue of the relationships described under Item 2 of this Statement:

(1) TGI, TRE Holdings, NL, Valhi, VGI, National, NOA, Dixie Holding, Dixie Rice, Southwest, Contran and the Foundation may each be deemed to be the beneficial owner of the 12,280,005 Shares (approximately 38.6% of the Outstanding Shares) that Tremont holds directly; and

(2) The CMRT and Harold C. Simmons may each be deemed to be the beneficial owner of the 13,698,505 Shares (approximately 43.1% of the Outstanding Shares) that Tremont and the CMRT hold directly.

Mr. Simmons disclaims beneficial ownership of all Shares.

(b) By virtue of the relationships described in Item 2:

(1) Tremont, TGI, TRE Holdings, NL, Valhi, VGI, National, NOA, Dixie Holding, Dixie Rice, Southwest, Contran and the Foundation may each be deemed to share the power to vote and direct the disposition of the 12,280,005 Shares (approximately 38.6% of the Outstanding Shares) that Tremont holds directly; and

(2) The CMRT and Harold C. Simmons may each be deemed to share the power to vote and direct the disposition of the 13,698,505 Shares (approximately 43.1% of the Outstanding Shares) that Tremont and the CMRT hold directly.

The Reporting Persons understand, based on ownership filings with the Securities and Exchange Commission (the "Commission") or upon information provided by the persons listed on Schedule B to this Statement, that such persons may be deemed to own beneficially the Shares as indicated on Schedule C to this Statement.

(c) The table below sets forth transactions in the Shares by the Reporting Persons since May 31, 2001, the last transaction in the Shares reported in Amendment No. 4 to this Statement. The CMRT executed all of such transactions on the New York Stock Exchange.



Date	Transaction	Amount of Shares	Approximate Price Per Share (exclusive of commissions and fees)
06/01/01	Sale	65,000	\$13.5987
06/04/01	Sale	25,100	\$13.7170
06/05/01	Sale	10,000	\$13.5500
06/06/01	Sale	410,000	\$13.1000
06/06/01	Sale	15,000	\$13.5011
06/11/01	Sale	60,000	\$12.0000
06/13/01	Sale	158,300	\$12.0000

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this Statement is true, complete and correct.

Date: June 18, 2001

/s/ Harold C. Simmons

-----  
Harold C. Simmons  
Signing in the  
capacities listed on  
Schedule "A" attached  
hereto and  
incorporated herein by  
reference.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this Statement is true, complete and correct.

Date: June 18, 2001

/s/ J. Landis Martin

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J. Landis Martin  
Signing in the  
capacity listed on  
Schedule "A" attached  
hereto and  
incorporated herein by  
reference.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this Statement is true, complete and correct.

Date: June 18, 2001

/s/ Steven L. Watson

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Steven L. Watson  
Signing in the  
capacities listed on  
Schedule "A" attached  
hereto and  
incorporated herein by  
reference.

SCHEDULE A

HAROLD C. SIMMONS, in his individual capacity and as trustee for THE COMBINED MASTER RETIREMENT TRUST.

J. LANDIS MARTIN, as president and chief executive officer of TREMONT CORPORATION and NL INDUSTRIES, INC. and president of TREMONT HOLDINGS, LLC.

STEVEN L. WATSON, as president or vice president of each of:

CONTRAN CORPORATION  
DIXIE HOLDING COMPANY  
DIXIE RICE AGRICULTURAL CORPORATION, INC.  
HAROLD SIMMONS FOUNDATION, INC.  
NATIONAL CITY LINES, INC.  
NOA, INC.  
SOUTHWEST LOUISIANA LAND COMPANY, INC.  
TREMONT GROUP, INC.  
VALHI GROUP, INC.  
VALHI, INC.

Schedule B

The names of the directors and executive officers of Contran Corporation ("Contran"), Dixie Holding Company ("Dixie Holding"), Dixie Rice Agricultural Corporation, Inc. ("Dixie Rice"), the Harold Simmons Foundation, Inc. (the "Foundation"), National City Lines, Inc. ("National"), NL Industries, Inc. ("NL"), NOA, Inc. ("NOA"), Southwest Louisiana Land Company, Inc. ("Southwest"), Tremont Corporation ("Tremont"), Tremont Group, Inc., Valhi Group, Inc. ("VGI") and Valhi, Inc. ("Valhi"), and their present principal occupations are set forth below. Except as otherwise indicated, each such person is a citizen of the United States of America and the business address of each such person is 5430 LBJ Freeway, Suite 1700, Dallas, Texas 75240.

Name	Present Principal Occupation
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Susan E. Alderton (1)	Vice president, treasurer and chief financial officer of NL and Tremont Holdings, LLC ("TRE Holdings"); and a director of Tremont.
Eugene K. Anderson	Vice president of Contran, Dixie Holding, Dixie Rice, National, NOA, Southwest, TGI, VGI and Valhi; and treasurer of the Foundation.
Thomas E. Barry (2)	Vice president for executive affairs at Southern Methodist University and professor of marketing in the Edwin L. Cox School of Business at Southern Methodist University; and a director of Valhi.
Richard J. Boushka (3)	Director of Tremont; principal of Boushka Properties (private investment firm).

Norman S. Edelcup (4)	Senior vice president business development of Florida Savings Bancorp; director of Valhi; and trustee of the Baron Funds, a mutual fund group.
Lisa Simmons Epstein	Director and president of the Foundation.
David B. Garten (5)	Vice president, general counsel and secretary of NL; and vice president and secretary of TRE Holdings.
Edward J. Hardin (6)	Partner of the law firm of Rogers & Hardin LLP; and a director of Valhi.
Robert D. Hardy (5)	Vice president and controller of NL and TRE Holdings.
J. Mark Hollingsworth	Vice president and general counsel of Contran, Dixie Holding, Dixie Rice, National, NOA, Southwest, TGI, VGI and Valhi; and general counsel of the Foundation, CompX International Inc., a manufacturer of ergonomic computer support systems, precision ball bearing slides and security products that is affiliated with Valhi ("CompX"), and The Combined Master Retirement Trust, a trust Valhi established to permit the collective investment by master trusts that maintain the assets of certain employee benefit plans Valhi and related companies adopt (the "CMRT").
Keith A. Johnson	Controller of the Foundation.
William J. Lindquist	Director and senior vice president of Contran, Dixie Holding, National, NOA, TGI and VGI; senior vice president of Dixie Rice, Southwest and Valhi.
A. Andrew R. Louis	Secretary of Contran, CompX, Dixie Holding, Dixie Rice, National, NOA, Southwest, TGI, VGI and Valhi.
Kelly D. Luttmner	Tax director of Contran, CompX, Dixie Holding, Dixie Rice, National, NOA, Southwest, TGI, VGI and Valhi.
Ann Manix (7)	Managing partner of Drucker Research Corporation, a privately held industrial research firm; and director of NL.
J. Landis Martin (8)	President, chief executive officer and a director of NL; president of TRE Holdings; chairman of the board, president and chief executive officer of Tremont and Titanium Metals Corporation (the "Company").
Andrew McCollam, Jr. (9)	President and a director of Southwest; director of Dixie Rice; and a private investor.
Harold M. Mire (10)	Vice president of Dixie Rice and Southwest.
Robert E. Musgraves (8)	Executive vice president and general counsel of the Company; and vice president, general counsel and secretary of Tremont.
Bobby D. O'Brien	Vice president and treasurer of Contran, Dixie Holding, Dixie Rice, National, NOA, TGI, VGI and Valhi; and vice president of Southwest.
Kenneth R. Peak (11)	President, chief executive officer and chairman of the board of Contango Oil & Gas Company, a publicly traded independent oil and gas exploration and production company; and a director of NL.
Glenn R. Simmons	Vice chairman of the board of Contran, Dixie Holding, National, NOA, TGI, VGI and Valhi; chairman of the board of CompX and Keystone Consolidated Industries, Inc. ("Keystone"), a manufacturer of steel rod, wire and wire products that is affiliated with Contran; director and executive vice president of Southwest and Dixie Rice; and a director of NL, Tremont and the Company.
Harold C. Simmons	Chairman of the board and chief executive officer of Contran, Dixie Holding, Dixie Rice, the Foundation, National, NOA, Southwest, TGI, VGI and Valhi; chairman of the board of NL; director of Tremont; and trustee and member of the trust investment committee of the CMRT.
Richard A. Smith (10)	Director and president of Dixie Rice.
Thomas P. Stafford (12)	Co-founder of Stafford, Burke and Hecker, Inc., a consulting company; director of NL, Tremont and the Company; and a director of CMI Corporation and The Wackenhut Corp.
Avy H. Stein (13)	Director of Tremont; managing partner of Willis, Stein & Partners, a private equity investment firm.
Gregory M. Swalwell	Vice president and controller of Contran, Dixie Holding, National, NOA, TGI, VGI and Valhi; and vice president of Dixie Rice and Southwest.
J. Walter Tucker, Jr. (14)	President, treasurer and a director of Tucker & Branham, Inc., a mortgage banking, insurance and real estate company; vice chairman of the board of Keystone; a director of Valhi; and a member of the trust investment committee of the CMRT.
Mark A. Wallace (8)	Executive vice president, chief financial officer and treasurer of the Company; and vice president, chief financial officer and treasurer of Tremont.
Steven L. Watson	Director and president of Contran, Dixie Holding, National, NOA, TGI, VGI and Valhi; director and executive vice president of Dixie Rice and Southwest; director, vice president and secretary of the Foundation; and a director of Tremont, NL and the Company.
Lawrence A. Wigdor (5)	Director and executive vice president of NL.

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- (1) The principal business address for Ms. Alderton is 70 East 55th Street, 8th Floor, New York, New York 10022.
  - (2) The principal business address for Dr. Barry is Southern Methodist University, Perkins Administration Bldg. #224, Dallas, Texas 75275.
  - (3) The principal business address for Mr. Boushka is 7701 East Kellogg, Suite 650, Wichita, Kansas 67207.
  - (4) The principal business address for Mr. Edelcup is 8181 Southwest 117th Street, Pinecrest, Florida 33156.
  - (5) The principal business address for Messrs. Garten, Hardy and Wigdor is Two Greenspoint Plaza, 16825 Northchase Drive, Suite 1200, Houston, Texas 77060.
  - (6) The principal business address for Mr. Hardin is 229 Peachtree Street, N.E., Suite 2700, Atlanta, Georgia 30303.
  - (7) The principal business address for Ms. Manix is 6905 Telegraph Road, Suite 300, Bloomfield Hills, Michigan 48301.
  - (8) The principal business address for Messrs. Martin, Musgraves and Wallace is 1999 Broadway, Suite 4300, Denver, Colorado 80202.
  - (9) The principal business address for Mr. McCollam is 402 Canal Street, Houma, Louisiana 70360.
  - (10) The principal business address for Messrs. Mire and Smith is 600 Pasquiere Street, Gueydan, Louisiana 70542-0010.
  - (11) The principal business address for Mr. Peak is 3700 Buffalo Speedway, Suite 960, Houston, Texas 77098.
  - (12) The principal business address for Gen. Stafford is 1006 Cameron Street, Alexandria, Virginia 22314.
  - (13) The principal business address for Mr. Stein is 227 West Monroe St., Suite 4300, Chicago, Illinois 60606.
  - (14) The principal business address for Mr. Tucker is 400 E. Central Boulevard, Orlando, Florida 32801.

SCHEDULE C

Based upon ownership filings with the Commission or upon information provided by the persons listed on Schedule B to this Statement, such persons may be deemed to personally beneficially own Shares, as outlined below:

Name	Shares Held	Options Held (1)	Total
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Susan E. Alderton	-0-	-0-	-0-
Eugene K. Anderson	-0-	-0-	-0-
Thomas E. Barry	-0-	-0-	-0-
Richard J. Boushka	6,800	-0-	6,800
Norman S. Edelcup	-0-	-0-	-0-
Lisa Simmons Epstein	-0-	-0-	-0-
David B. Garten	-0-	-0-	-0-
Edward J. Hardin	-0-	-0-	-0-
Robert D. Hardy	-0-	-0-	-0-

J. Mark Hollingsworth	-0-	-0-	-0-
Keith A. Johnson	-0-	-0-	-0-
William J. Lindquist	-0-	-0-	-0-
A. Andrew R. Louis	-0-	-0-	-0-
Kelly D. Luttmer	100	-0-	100
Ann Manix	-0-	-0-	-0-
J. Landis Martin (2)	99,269	191,400	290,669
Andrew McCollam, Jr.	-0-	-0-	-0-
Harold M. Mire	-0-	-0-	-0-
Robert E. Musgraves (3)	50,350	41,400	91,750
Bobby D. O'Brien	-0-	-0-	-0-
Kenneth R. Peak	-0-	-0-	-0-
Glenn R. Simmons	4,000	-0-	4,000
Harold C. Simmons (4)	-0-	-0-	-0-
Richard A. Smith	-0-	-0-	-0-
Thomas P. Stafford	3,600	2,750	6,350
Avy H. Stein	-0-	-0-	-0-
Gregory M. Swalwell	-0-	-0-	-0-
J. Walter Tucker, Jr.	-0-	-0-	-0-
Mark A. Wallace (5)	50,500	36,600	87,100
Steven L. Watson	9,500	5,000	14,500
Lawrence A. Wigdor	-0-	-0-	-0-

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- (1) Represents Shares issuable pursuant to the exercise of stock options within 60 days of the date of this Statement.
- (2) Includes (i) 400 Shares Mr. Martin's daughters hold, beneficial ownership of which Mr. Martin disclaims, and (ii) 21,869 Shares issuable to Mr. Martin or parties or entities related to him upon conversion of 16,332 (13,332 of which he holds indirectly) of the 6 5/8% Convertible Preferred Securities, Beneficial Unsecured Convertible Securities of TIMET Capital Trust 1.
- (3) Includes (i) 200 Shares owned by the other members of Mr. Musgraves' household, beneficial ownership of which Mr. Musgraves disclaims and (ii) 32,000 Shares that represent restricted shares with respect to which Mr. Musgraves has the power to vote and right to receive dividends.
- (4) Mr. Simmons may be deemed to possess indirect beneficial ownership of the Shares as described in Item 5(a) of this Statement. Mr. Simmons disclaims beneficial ownership of all Shares.
- (5) Includes 32,000 Shares that represent restricted shares with respect to which Mr. Wallace has the power to vote and right to receive dividends.