#### KRONOS WORLDWIDE INC

Form 4

December 17, 2008

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 3235-0287

**OMB APPROVAL** 

Number:

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and A CONTRAN	ddress of Reporting F CORP	Symb KRO	2. Issuer Name and Ticker or Trading Symbol KRONOS WORLDWIDE INC [KRO]			5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)				
(Last) 5430 LBJ FI	(First) (M	(Mon	3. Date of Earliest Transaction (Month/Day/Year) 12/15/2008			DirectorX 10% Owner Officer (give title below) Other (specify below)				
DALLAS, T	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting		
(City)		Zip) -		_		~		Person		
(City)	(State)	<i>Z</i> ip) ,	Table I - No	n-D				quired, Disposed	of, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date any (Month/Day/Ye	Code ear) (Instr	. 8)	4. Securion(A) or D (D) (Instr. 3,	ispose	d 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 \$0.01 par value	12/15/2008		J <u>(1)</u>		403	A	\$ 9.75	17,595,635	Ι	by NL (2)
Common Stock \$0.01 par value								28,995,021	I	by Valhi
Common Stock \$0.01 par value								5,203	I	by TFMC

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 Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)			5. iorNumber	6. Date Exerc Expiration D	ate	Amou	le and unt of	8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	5	Year)	Secur	rlying ities . 3 and 4)	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	7 (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
CONTRAN CORP 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240		X					
VALHI INC /DE/ 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					
TITANIUM METALS CORP 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240		X					
TIMET FINANCE MANAGEMENT CO 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240		X					
		X					

2 Reporting Owners

NL INDUSTRIES INC 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240

SIMMONS HAROLD C

5430 LBJ FREEWAY, SUITE 1700 X X Chairman of the Board & CEO

DALLAS, TX 75240

### **Signatures**

A. Andrew R. Louis. Secretary, for Contran Corporation	12/17/2008
**Signature of Reporting Person	Date
A. Andrew R. Louis. Secretary, for Valhi, Inc.	12/17/2008
**Signature of Reporting Person	Date
A. Andrew R. Louis. Secretary, for Valhi Holding Company	12/17/2008
**Signature of Reporting Person	Date
A. Andrew R. Louis. Secretary, for Dixie Rice Agricultural Corporation, Inc.	12/17/2008
**Signature of Reporting Person	Date
A. Andrew R. Louis. Assistant Secretary, for Titanium Metals Corporation	12/17/2008
**Signature of Reporting Person	Date
Gregory M. Swalwell, Vice President, for TIMET Finance Management Company	12/17/2008
**Signature of Reporting Person	Date
A. Andrew R. Louis. Secretary, for NL Industries, Inc.	12/17/2008
**Signature of Reporting Person	Date
A. Andrew R. Louis. Attorney-in-fact, for Harold C. Simmons	12/17/2008
**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 NL Industries, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships among the persons joining in this filing.
- (2) Directly held by NL Industries, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships among the persons joining in this filing.
- (3) Directly held by Valhi, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships among the persons joining in this filing.
- (4) Directly held by TIMET Finance Management Company. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships among the persons joining in this filing.

#### **Remarks:**

Mr. Harold C. Simmons and his spouse directly hold 187,767 and 49,856 shares, respectively, of the common stock of the issu

#### 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.

Signatures 3

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.