

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
OMB Number:	3235-0287
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).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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 KRONOS WORLDWIDE INC [KRO]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 06/02/2009	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock \$0.01 par value	06/02/2009		j ⁽¹⁾		6	A	\$6.7899	77,909	I	by TFMC ⁽²⁾
Common Stock \$0.01 par value	06/02/2009		j ⁽¹⁾		100	A	\$6.79	78,009	I	by TFMC ⁽²⁾
Common Stock \$0.01 par value	06/02/2009		j ⁽¹⁾		994	A	\$6.9499	79,003	I	by TFMC ⁽²⁾
Common Stock \$0.01 par value	06/02/2009		j ⁽¹⁾		564	A	\$9.95	79,567	I	by TFMC ⁽²⁾
Common Stock \$0.01 par value								28,995,021	I	by Valhi ⁽³⁾
Common Stock \$0.01 par value								17,609,635	I	by NL ⁽⁴⁾

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)	Date Exercisable	Expiration Date				

1. Name and Address of Reporting Person*
CONTRAN CORP
 (Last) (First) (Middle)
 5430 LBJ FREEWAY, SUITE 1700
 (Street)
 DALLAS TX 75240
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
VALHI INC /DE/
 (Last) (First) (Middle)
 5430 LBJ FREEWAY, SUITE 1700
 (Street)
 DALLAS TX 75240
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
VALHI HOLDING CO
 (Last) (First) (Middle)
 5430 LBJ FREEWAY, SUITE 1700
 (Street)
 DALLAS TX 75240
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
DIXIE RICE AGRICULTURE CORP INC
 (Last) (First) (Middle)
 5430 LBJ FREEWAY, SUITE 1700
 (Street)
 DALLAS TX 75240
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
TITANIUM METALS CORP
 (Last) (First) (Middle)
 5430 LBJ FREEWAY, SUITE 1700
 (Street)
 DALLAS TX 75240
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
TIMET FINANCE MANAGEMENT CO
 (Last) (First) (Middle)
 5430 LBJ FREEWAY, SUITE 1700
 (Street)
 DALLAS TX 75240

(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
NL INDUSTRIES INC		
(Last)	(First)	(Middle)
5430 LBJ FREEWAY, SUITE 1700		
(Street)		
DALLAS	TX	75240
(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
SIMMONS HAROLD C		
(Last)	(First)	(Middle)
5430 LBJ FREEWAY, SUITE 1700		
(Street)		
DALLAS	TX	75240
(City)	(State)	(Zip)

Explanation of Responses:

1. Open market purchase 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.
2. 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.
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 NL Industries, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship among the persons joining in this filing.

Remarks:

Mr. Harold C. Simmons and his spouse directly hold 199,767 and 49,856 shares, respectively, of the common stock of the issuer. Mr. Simmons disclaims beneficial ownership of the shares of the issuer's common stock that his spouse owns. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships of Mr. Simmons to the other persons joining in this filing. Exhibit Index: Exhibit 99 - Additional Information

A. Andrew R. Louis, Secretary, for Contran Corporation	06/04/2009
A. Andrew R. Louis, Secretary, for Valhi, Inc.	06/04/2009
A. Andrew R. Louis, Secretary, for Valhi Holding Company	06/04/2009
A. Andrew R. Louis, Secretary, for Dixie Rice Agricultural Corporation, Inc.	06/04/2009
A. Andrew R. Louis, Assistant Secretary, for Titanium Metals Corporation	06/04/2009
Gregory M. Swalwell, Vice President, for TIMET Finance Management Company	06/04/2009
A. Andrew R. Louis, Secretary, for NL Industries, Inc.	06/04/2009
A. Andrew R. Louis, Attorney-in-fact, for Harold C. Simmons	06/04/2009

** Signature of Reporting Person

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.

Exhibit 99

Additional Information

Valhi, Inc. ("Valhi"), NL Industries, Inc. ("NL"), Harold C. Simmons, TIMET Finance Management Company ("TFMC") and Harold C. Simmons' spouse are the holders of Titanium Metals Corporation ("TIMET") directly owns 100% of the outstanding common stock of TFMC. Valhi Holding Company ("VHC"), Harold C. Simmons' spouse, The Valhi and TFMC are the direct holders of approximately 83.1% and 0.5%, respectively, of the outstanding common stock of NL. VHC, TFMC, the Foundation, Harold C. Simmons 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. Harold C. Simmons is the chairman of the board of each of the issuer, Valhi, TIMET, VHC, Dixie Rice and Contran and chairman of the board and chief executive of The Foundation directly holds approximately 0.2% of the outstanding shares of TIMET common stock and 0.9% of the outstanding shares of Valhi common stock. The CDCT directly holds approximately 0.4% of the outstanding shares of TIMET common stock. U.S. Bank National Association serves as the trustee of the CDCT. The CMRT directly holds approximately 8.5% of the outstanding shares of TIMET common stock and 0.1% of the outstanding shares of Valhi common stock. Contran sp By virtue of the holding of the offices, the stock ownership and his services as trustee, all as described above, (a) Harold C. Simmons may be deemed to contro Harold C. Simmons' spouse is the direct owner of 49,856 shares of Common Stock, 269,775 shares of NL common stock, 21,575,875 shares of TIMET common stock and Harold C. Simmons directly holds 199,767 shares of Common Stock, 881,600 shares of NL common stock, 7,688,411 shares of TIMET common stock and 167,538 shares of A trust, of which Harold C. Simmons and his spouse are trustees and the beneficiaries are the grandchildren of his spouse, is the direct holder of 17,432 of TIM NL and a subsidiary of NL directly own 3,604,790 and 1,186,200 shares of Valhi common stock, respectively. Pursuant to Delaware law, Valhi treats the shares of