## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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).

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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 <sup>*</sup> SIMMONS HAROLD C		. Issuer Name <b>and</b> Tic /ALHI INC /DE			Symbol	(Che	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
(Last) (First) (Mid 5430 LBJ FREEWAY, SUITE 1700		. Date of Earliest Tran 8/27/2010	isaction (	Montl	h/Day/Year)		X Director X 10% Owner   X Officer (give title below) Other (specify below)   Chairman of the Board					
(Street) DALLAS TX 752 (City) (State) (Zip)	40	If Amendment, Date	of Origin	al File	ed (Month/Da	Line	6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person					
Table I	- Non-Derivativ	ve Securities Ac	quired,	Dis	sposed of,	or Be	neficiall	y Owned				
1. Title of Security (Instr. 3) Date (Month/Day/		2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securitie Disposed C and 5)			5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership		
			Code	v	Amount (A) or (D)		Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> <sup>(1)</sup>		14	Α	\$17.15	1,366,347	Ι	by TFMC <sup>(2)</sup>		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> (1)		398	A	\$17.67	1,366,745	I	by TFMC <sup>(2)</sup>		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> <sup>(1)</sup>		300	A	\$17.68	1,367,045	I	by TFMC <sup>(2)</sup>		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> <sup>(1)</sup>		100	A	\$17.69	1,367,145	Ι	by TFMC <sup>(2)</sup>		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> <sup>(1)</sup>		2,325	A	\$17.7	1,369,470	I	by TFMC <sup>(2)</sup>		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> <sup>(1)</sup>		1,863	A	\$17.8	1,371,333	I	by TFMC <sup>(2)</sup>		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> <sup>(1)</sup>		2,900	A	\$18.27	1,374,233	I	by TFMC <sup>(2)</sup>		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> <sup>(1)</sup>		85	A	\$18.28	1,374,318	I	by TFMC <sup>(2)</sup>		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> (1)		2,015	A	\$18.3	1,376,333	I	by TFMC <sup>(2)</sup>		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> <sup>(1)</sup>		5,000	A	\$18.4	1,381,333	I	by TFMC <sup>(2)</sup>		
Common Stock, \$0.01 par value per share	08/27/2010		<b>J</b> <sup>(1)</sup>		1,250	A	\$18.6	1,382,583	I	by TFMC <sup>(2)</sup>		
Common Stock \$0.01 par value								104,813,316	I	by VHC <sup>(3)</sup>		
Common Stock \$0.01 par value								366,847	I	by CDCT <sup>(4)</sup>		
Common Stock \$0.01 par value								343,183	D			
Common Stock \$0.01 par value								203,065	I	by Spouse <sup>(5)</sup>		
Common Stock \$0.01 par value								15,000	I	by Contran <sup>(6)</sup>		

OMB APPROVAL

					lls, v	warra	ants,	options,	convertib	le sec		y Owned			
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.		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	Title	Amount or Number of Shares				
	nd Address o DNS HAF	f Reporting Person <sup>®</sup> ROLD C													
(Last) 5430 LB		(First) Y, SUITE 1700	(Middle)		-										
(Street) DALLAS	5	TX	75240		-										
(City)		(State)	(Zip)		_										
	nd Address o RAN CO	f Reporting Person <sup>®</sup> RP													
(Last) 5430 LB		(First) Y, SUITE 1700	(Middle)		_										
(Street) DALLAS	5	TX	75240		-										
(City)		(State)	(Zip)												
	nd Address o	f Reporting Person <sup>®</sup> IGCO													
(Last) 5430 LB		(First) Y, SUITE 1700	(Middle)												
(Street) DALLAS	5	TX	75240		-										
(City)		(State)	(Zip)		-										
		f Reporting Person		<u> </u>											
(Last) 5430 LB		(First) Y, SUITE 1700	(Middle)		-										
(Street) DALLAS	5	ТХ	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 to 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 to the persons joining in this filing.

3. Directly held by Valhi Holding Company. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship among the persons joining in this filing.

4. Directly held by the Contran Amended and Restated Deferred Compensation Trust. 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 the reporting person's wife. Mr. Simmons disclaims beneficial ownership of any shares of the issuer's common stock that his wife holds. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships among the persons joining in this filing.

6. Directly held by Contran Corporation. 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:

Exhibit Index: Exhibit 99 - Additional Information

A. Andrew R. Louis, Attorney-<br/>in-fact, for Harold C. Simmons08/27/2010A. Andrew R. Louis, Secretary,<br/>for Contran Corporation08/27/2010A. Andrew R. Louis, Secretary,<br/>for Valhi Holding Company08/27/2010A. Andrew R. Louis, Secretary,<br/>for Dixie Rice Agricultural<br/>Corporation, Inc.08/27/2010\*\* Signature of Reporting PersonDate

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 Holding Company ("VHC"), TIMET Finance Management Company ("TFMC"), the Harold Simmons Foundation, Inc. (the "Foundation"), the Contran Amended and Restated Deferred Compensation Trust (the "CDCT"), Harold C. Simmons, Annette C. Simmons, the Combined Master Retirement Trust (the "CMRT"), The Annette Simmons Grandchildren's Trust (the "Grandchildren's Trust") and Contran Corporation ("Contran") are the direct holders of 92.3%, 1.2%, 0.9%, 0.3%, 0.3%, 0.2%, 0.1%, less than 0.1% and less than 0.1%, respectively, of the common stock of the issuer, Valhi, Inc. ("Valhi"). Titanium Metals Corporation ("TIMET") is the sole stockholder of TFMC. VHC, Annette C. Simmons, the CMRT, Harold C. Simmons, NL Industries, Inc. ("NL"), Valhi, Contran, the Foundation and the Grandchildren's Trust are the holders of 24.9%, 11.3%, 8.6%, 4.1%, 0.8%, 0.5%, 0.4%, less than 0.1% and less than 0.1% of the outstanding common stock of TIMET. NL's percentage ownership of TIMET common stock includes 0.3% directly held by a subsidiary of NL. Valhi and TFMC are the direct holders of 83.0% and 0.5%, respectively, of the outstanding common stock of NL. Dixie Rice Agricultural Corporation, Inc. ("Dixie Rice") is the direct holder of 100% of the outstanding common stock of VHC. Contran is the holder of 100% of the outstanding common stock of Dixie Rice.

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, or is held by Mr. Simmons or persons or other entities related to Mr. Simmons. 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 Foundation directly holds approximately 0.9% of the outstanding shares of Valhi common stock and less than 0.1% of the outstanding shares of TIMET common stock. The Foundation is a tax-exempt foundation organized for charitable purposes. Harold C. Simmons is the chairman of the board of the Foundation and may be deemed to control the Foundation.

The CMRT directly holds approximately 0.1% of the outstanding shares of Valhi common stock and 8.6% of the outstanding shares of TIMET common stock. Contran sponsors the CMRT as a trust to permit the collective investment by master trusts that maintain the assets of certain employee benefit plans Contran 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 CDCT directly holds approximately 0.3% of the outstanding shares of Valhi common stock. U.S. Bank National Association serves as the trustee of the CDCT. Contran established the CDCT as an irrevocable "rabbi trust" to assist Contran in meeting certain deferred compensation obligations that it owes to Harold C. Simmons. If the CDCT 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, Contran (i) retains the power to vote the shares of the issuer's common stock held directly by the CDCT, (ii) retains dispositive power over such shares and (iii) may be deemed the indirect beneficial owner of such shares.

Mr. Harold C. Simmons is chairman of the board of Valhi, TIMET, VHC, Dixie Rice and Contran, and chairman of the board and chief executive officer of NL.

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

The reporting person understands that NL and a subsidiary of NL directly own 3,604,790 shares and 1,186,200 shares, respectively, of Valhi common stock

as of the date of this statement. As already stated, Valhi is the direct holder of approximately 83.0% of the outstanding common stock of NL. As a result of Valhi's direct and indirect ownership of NL and its subsidiary, the reporting person further understands that, pursuant to Delaware law, Valhi treats the shares of Valhi common stock that NL and its subsidiary own as treasury stock for voting purposes. For the purposes of this statement, such shares of Valhi common stock that NL and directly are not deemed outstanding.

Annette C. Simmons is the wife of Harold C. Simmons and is the direct owner of 20,401,875 shares of TIMET common stock, 292,225 shares of NL common stock and 203,065 shares of Valhi common stock. Mr. Simmons may be deemed to share indirect beneficial ownership of such shares. Mr. Simmons disclaims beneficial ownership of all securities that his wife holds directly.

Mr. Harold C. Simmons is the direct owner of 7,442,787 shares of TIMET common stock, 1,000,200 shares of NL common stock and 343,183 shares of Valhi common stock.

The Grandchildren's Trust, of which Harold C. Simmons and his wife are trustees and the beneficiaries are the grandchildren of his wife, is the direct holder of 31,800 shares of Valhi common stock and 15,432 shares of TIMET common stock. Mr. Simmons, as co-trustee of this trust, has the power to vote and direct the disposition of the shares of Valhi common stock the trust holds. Mr. Simmons disclaims beneficial ownership of any shares of Valhi common stock that this trust holds.