SMITH C FRANK

Form 4

September 18, 2009

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations **SECURITIES**

Estimated average burden hours per 0.5 response...

may continue. See Instruction

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 Address of Reporting Person * SMITH C FRANK			2. Issuer Name and Ticker or Trading Symbol NATCO GROUP INC [NTG]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(Last) (First) (Middle)		3. Date of Earliest Transaction	(Check an applicable)		
			(Month/Day/Year)	Director 10% Owner		
C/O NATCO GROUP INC., 11210			09/16/2009	X Officer (give title Other (specify below)		
EQUITY DRI	VE			Executive Vice President		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
HOUSTON, TX 77041				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	Zip) Table	e I - Non-D	erivative	Secur	ities Acqu	uired, Disposed of	f, or Beneficial	ly 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)			5. Amount of Securities Form: Direct Beneficially (D) or Owned Indirect (I) Following (Instr. 4) Reported		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
C			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common stock	09/16/2009		X	4,011	A	\$ 8.06	27,645 (1)	D	
Common stock	09/16/2009		X	2,662	A	\$ 11.43	30,307	D	
Common stock	09/16/2009		S	1,300	D	\$ 45.46	29,007	D	
Common stock	09/16/2009		S	100	D	\$ 45.41	28,907	D	
Common stock	09/16/2009		S	900	D	\$ 45.39	28,007	D	

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Common stock	09/16/2009	S	400	D	\$ 45.34 27,607	D
Common stock	09/16/2009	S	200	D	\$ 45.26 27,407	D
Common stock	09/16/2009	S	300	D	\$ 45.2 27,107	D
Common stock	09/16/2009	S	100	D	\$ 45.38 27,007	D
Common stock	09/16/2009	S	1,200	D	\$ 45.36 25,807	D
Common stock	09/16/2009	S	100	D	\$ 45.35 25,707	D
Common stock	09/16/2009	S	500	D	\$ 45.33 25,207	D
Common stock	09/16/2009	S	100	D	\$ 45.31 25,107	D
Common stock	09/16/2009	S	300	D	\$ 45.29 24,807	D
Common stock	09/16/2009	S	100	D	\$ 45.27 24,707	D
Common stock	09/16/2009	S	200	D	\$ 45.24 24,507	D
Common stock	09/16/2009	S	600	D	\$ 45.12 23,907	D
Common stock	09/16/2009	S	100	D	\$ 45.44 23,807	D
Common stock	09/16/2009	S	100	D	\$ 45.45 23,707	D
Common stock	09/16/2009	S	73	D	\$ 45.42 23,634	D

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

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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. Number	6. Date Exercisable and	7. Title and Amount of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onof Derivative	Expiration Date	Underlying Securities
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired		

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	Derivative Security			(D)	oosed of er. 3, 4,				
			Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock option (right to buy)	\$ 8.06	09/16/2009	X		4,011	09/09/2004(2)	09/09/2014	Common stock	4,011
Stock option (right to buy)	\$ 11.43	09/16/2009	X		2,662	06/13/2005(2)	06/13/2015	Common stock	2,662

Reporting Owners

Describes Occasion National Additions	Relationships
Reporting Owner Name / Address	

Director 10% Owner Officer Other

SMITH C FRANK C/O NATCO GROUP INC. 11210 EQUITY DRIVE HOUSTON, TX 77041

Executive Vice President

Signatures

Charles Frank Smith 09/18/2009

**Signature of Date
Reporting Person

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) Direct ownership includes an aggregate of 3,157 shares purchased through a participant-directed defined contribution employee benefit plan and 11,920 shares of restricted stock subject to performance-based restrictions.
- Options vested in one-third increments on the first through third anniversaries of the date of grant. Date exercisable given is the date of the first such anniversary for such option. The number indicated represents all currently vested options in this grant.

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.

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