

SMITH C FRANK  
Form 4  
June 26, 2006

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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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 OF SECURITIES**

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

(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) (First) (Middle)  
C/O NATCO GROUP INC., 2950  
NORTH LOOP WEST, SUITE 700

3. Date of Earliest Transaction  
(Month/Day/Year)  
06/22/2006

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Executive Vice President

(Street)  
HOUSTON, TX 77092

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**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 - restricted stock <sup>(1)</sup>	06/22/2006		A		2,125 A \$ 37.785	22,309 <sup>(2)</sup>	D
Common stock	06/23/2006		M		7,075 A \$ 6.27	29,384	D
Common stock	06/23/2006		S		6,400 D \$ 38.89	22,984	D
Common stock	06/23/2006		S		675 D \$ 39.19	22,309	D



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occurrence of a Corporate Change as defined in such plan, provided, in either case, that the recipient has been continuously employed by the Company or a subsidiary on such date or the date of such Corporate Change. The shares are subject to forfeiture upon termination of employment prior to the time the restrictions lapse or if the performance restrictions are not met on or before August 15, 2009.

- Direct ownership includes an aggregate of 5,590 shares purchased through a participant-directed defined contribution employee benefit
- (2) plan. Direct ownership also includes an aggregate of 9,165 shares of restricted stock subject to performance-based restrictions, including the shares reported in this transaction.
  - (3) Stock options vest in 1/3 increments on the first, second and third anniversaries of the date of grant, subject to continued employment by the Company or a subsidiary on the applicable date. The first third will vest on June 22, 2007.

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.