

NEOSE TECHNOLOGIES INC  
Form 4  
March 15, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
RACHESKY MARK H MD

2. Issuer Name and Ticker or Trading Symbol  
NEOSE TECHNOLOGIES INC  
[NTEC]

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)

(Last) (First) (Middle)  
40 WEST 57TH STREET, 24TH FLOOR  
  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
03/13/2007

Director  10% Owner  
 Officer (give title below)  Other (specify below)

NEW YORK, NY 10019

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	03/13/2007		P		2,219,242	A	Ⓛ 3,056,493	I	See footnote (2)
Common Stock	03/13/2007		P		256,005	A	Ⓛ 367,832	I	See footnote (3)
Common Stock							502,759	I	See footnote (4)
Common							42,105	I	See

Stock

footnote  
(5)

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.**

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(9-02)

**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 Underlying Securities (Instr. 3 and 4)				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Common Stock Purchase Warrant (right to buy)	\$ 1.96	03/13/2007		P	998,659	03/09/2007	03/09/2012	Common Stock	998,659		
Common Stock Purchase Warrant (right to buy)	\$ 1.96	03/13/2007		P	115,202	03/09/2007	03/09/2012	Common Stock	115,202		

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RACHESKY MARK H MD 40 WEST 57TH STREET 24TH FLOOR NEW YORK, NY 10019	X			

## Signatures

Mark H.  
Rachesky, M.D.

03/15/2007

Date

Signature of 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) See Exhibit 99.
- (2) See Exhibit 99.
- (3) See Exhibit 99.
- (4) See Exhibit 99.
- (5) See Exhibit 99.

### Remarks:

The filing of this statement shall not be deemed an admission that any of the Reporting Persons is the beneficial owner of any

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.