MACMASTER JR DOUGLAS J

Form 4 February 10, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

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obligations may continue.

(Middle)

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

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

Issuer

MACMASTER JR DOUGLAS J

NEOSE TECHNOLOGIES INC

(Check all applicable)

5. Relationship of Reporting Person(s) to

[NTEC]

Symbol

(Last) (First) 3. Date of Earliest Transaction

X_ Director Officer (give title below)

10% Owner Other (specify

C/O NEOSE TECHNOLOGIES. INC., 102 ROCK ROAD

(Street)

4. If Amendment, Date Original

(Instr. 8)

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

(Month/Day/Year)

01/27/2009

X Form filed by One Reporting Person Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

HORSHAM, PA 19044

(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Deemed

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

(Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

Form: Direct (D) or Indirect (I) (Instr. 4)

6. Ownership 7. Nature of Indirect Beneficial Ownership (Instr. 4)

(9-02)

(A)

Reported Transaction(s)

or (Instr. 3 and 4) Code V Amount Price (D)

Common Stock

Security

(Instr. 3)

01/27/2009

M 8.197 Α

\$0 58,047 D

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

(Month/Day/Year)

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

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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. Transactic Code (Instr. 8)	5. Number proof 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)		8. Pr Derri Secu (Inst
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Unit	(1)	01/27/2009		M	8,197	(2)	(2)	Common Stock	8,197	

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

MACMASTER JR DOUGLAS J C/O NEOSE TECHNOLOGIES, INC. 102 ROCK ROAD HORSHAM, PA 19044



Signatures

By: A. Brian Davis, as attorney-in-fact for Douglas J. MacMaster, Jr.

02/10/2009

**Signature of Reporting Person

Date

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) Each restricted stock unit represents a contractual right to the delivery of one share of the Company's common stock.
- (2) Contractually required delivery of the shares underlying the restricted stock units.

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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