

NEOSE TECHNOLOGIES INC

Form 5

February 13, 2009

FORM 5**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

Check this box if
no longer subject
to Section 16.
Form 4 or Form
5 obligations
may continue.
See Instruction
1(b).

Form 3 Holdings
Reported
Form 4
Transactions
Reported

**ANNUAL 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

OMB APPROVAL

OMB
Number: 3235-0362
Expires: January 31,
2005
Estimated average
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1. Name and Address of Reporting Person *
BARCLAYS PLC

(Last) (First) (Middle)

1 CHURCHILL PLACE

(Street)

LONDON,Â X0Â E14 5HP

(City) (State) (Zip)

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

3. Statement of Issuer's Fiscal Year Ended
(Month/Day/Year)
12/31/2008

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

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

6. Individual or Joint/Group Reporting

(check applicable line)

__X__ Form Filed by One Reporting Person
____ Form Filed by More than One Reporting
Person

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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock \$0.01 par value	11/13/2008	Â	S4	22,973 D \$ 0.342	5,633,334 I		Securities are held by Barclays Capital Inc a subsidiary of Barclays Plc

Common
Stock
\$0.01 par
value

11/20/2008 Â S4 1,000 D \$ 0.325 5,633,334 I

Securities
are held by
Barclays
Capital Inc
a
subsidiary
of
Barclays
Plc

Common
Stock
\$0.01 par
value

11/20/2008 Â S4 100 D \$ 0.3235 5,633,334 I

Securities
are held by
Barclays
Capital Inc
a
subsidiary
of
Barclays
Plc

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

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SEC 2270
(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)	8. Price of Derivative Security (Instr. 5)	9. of D S B O E I F (I
					(A) (D)	Date Exercisable Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
BARCLAYS PLC 1 CHURCHILL PLACE LONDON,Â X0Â E14 5HP	Â Â X Â Â

Signatures

Eleanor Crossley 02/13/2008

 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).

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure.
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