NETSCOUT SYSTEMS INC

Form 4

September 14, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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January 31, Expires:

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Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

if no longer

subject to

Check this box

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 *

(First)

(Street)

DEMARINES VICTOR

2. Issuer Name and Ticker or Trading

Symbol

NETSCOUT SYSTEMS INC

[NTCT]

5. Relationship of Reporting Person(s) to

Issuer

3. Date of Earliest Transaction

(Month/Day/Year)

09/13/2006

_X__ Director 10% Owner

(Check all applicable)

Officer (give title Other (specify below)

5 HUNT ROAD

(Last)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

WESTFORD, MA 01886

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

(Middle)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

(Instr. 4)

Reported (A) Transaction(s)

or Code V Amount (D) Price

(Instr. 3 and 4)

Following

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

5. Number 4. Transaction of Derivative Expiration Date Code Securities

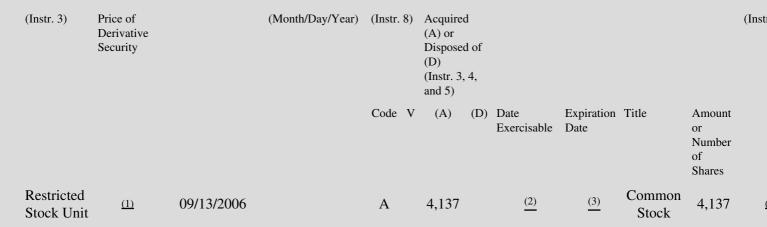
6. Date Exercisable and (Month/Day/Year)

7. Title and Amount of 8. Pr **Underlying Securities** (Instr. 3 and 4)

Deri

Secu

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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DEMARINES VICTOR 5 HUNT ROAD WESTFORD, MA 01886	X			

Signatures

Victor

DeMarines 09/14/2006

**Signature of Person 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) Price is N/A.
 - 4,137 restricted stock units vest on 09/13/07 provided that during the period from 09/13/06 through the date of the Annual Meeting, the
- reporting person attends at least 75% of the meetings of the Board and at least 75% of the meetings of any committee of the Board which the reporting person is a member. In the event the attendance requirements are not met, the restricted stock units will not become vested until 09/13/09.
- (3) Date is N/A.
- (4) Price is N/A.

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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