Phelps William Form 4 January 26, 2010

FORM 4

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 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(b).

(Last)

(City)

Common

Stock

1. Name and Address of Reporting Person * Phelps William

> (First) (Middle)

1 FRANKLIN PARKWAY, BUILDING 910

(Street)

SAN MATEO, CA 94403

01/21/2010

2. Issuer Name and Ticker or Trading Symbol

DemandTec, Inc. [DMAN]

3. Date of Earliest Transaction (Month/Day/Year) 01/21/2010

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

EVP & COO

6. Individual or Joint/Group Filing(Check

Applicable Line)

5. Amount of

Securities

Following

Owned

Beneficially

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

D

Person

(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) (Instr. 3) Code (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

or Amount (D) Price \$

(A)

7.138

(2)

 $S^{(1)}$ 22,750 D Reported Transaction(s) (Instr. 3 and 4)

15,000

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

Ownership (Instr. 4)

(Instr. 4)

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

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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. Transactio Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)			7. Title a Amount of Underlying Securities (Instr. 3 a	unt of erlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

Reporting Owners

Reporting Owner Name / Address	Relationships						
F	Director 10% Owner C		Officer	Other			
Phelps William							
1 FRANKLIN PARKWAY			EVP &				
BUILDING 910			COO				
SAN MATEO CA 94403							

Signatures

By: Michael McAdam, Attorney in Fact For: William

Phelps 01/25/2010

**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) Sale effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on January 29, 2009.

Average sale price of \$7.138 consists of the following blocks: 1700 shares were sold at \$7.03 per share; 1600 at \$7.04; 3200 at \$7.05; 700 at \$7.06; 2366 at \$7.07; 3300 at \$7.08; 734 at \$7.09; 897 at \$7.10; 1000 at \$7.11; 1000 at \$7.12; 300 at \$7.13; 3 at \$7.14; 100 at \$7.15; 694 at \$7.16; 1400 at \$7.17; 506 at \$7.18; 100 at \$7.19; 200 at \$7.21; 100 at \$7.22; 100 at \$7.26; 300 at \$7.34; 100 at \$7.34; 100 at \$7.47; 1100 at \$7.50; 200 at \$7.51; 100 at \$7.57; 450 at \$7.60; 180 at \$7.61 and 100 shares were sold at \$7.62 per share.

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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