FOSBURGH BRYN

Form 4

October 28, 2010

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

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

may continue. See Instruction 1(b).

obligations

(Print or Type Responses)

1. Name and Address of Reporting Person *

FOSBURGH BRYN

(Last) (First) (Middle)

C/O TIMBLE NAVIGATION LTD, 935 STEWART DRIVE

(Street)

SUNNYVALE, CA 94085

2. Issuer Name and Ticker or Trading

Symbol

TRIMBLE NAVIGATION LTD /CA/ [TRMB]

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

10/26/2010

4. If Amendment, Date Original

Filed(Month/Day/Year)

Applicable Line)

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

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

Vice President

6. Ownership

Form: Direct

(Instr. 4)

10% Owner

Other (specify

7. Nature of

Ownership

(9-02)

(Instr. 4)

Indirect

(D) or Indirect Beneficial

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

5. Amount of

Securities

Following

Owned

Beneficially

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

Issuer

below)

Director

X_ Officer (give title

(State) (City)

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Zip)

(Month/Day/Year)

4. Securities 3. TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

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 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

Conversion

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount of **Underlying Securities**

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8	8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 36.2	10/26/2010		A		40,000		<u>(1)</u>	10/26/2017	Common Stock	40,000
Restricted Stock Uni	(2.)	10/26/2010		A		4,000		(3)	(3)	Common Stock	4,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

FOSBURGH BRYN C/O TIMBLE NAVIGATION LTD 935 STEWART DRIVE SUNNYVALE, CA 94085

Vice President

Signatures

James Kirkland as Attorney in Fact

10/28/2010

**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) This option is exercisable 40% after two years and 1.67% a month thereafter, fully vested in five years from grant date.
- (2) Each restricted stock unit represents a contingent right to receive the value of one share of Trimble Navigation common stock, payable in cash, common stock or a combination of both at the option of Trimble Navigation.
- (3) The restricted stock units will vest 100% in thirty six (36) months after the award date. Vested shares will be delivered to the reporting person upon vest.

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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