FOSBURGH BRYN

Form 4

October 28, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

OMB APPROVAL

Expires:

January 31, 2005

0.5

Estimated average

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response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

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 * **FOSBURGH BRYN**

2. Issuer Name and Ticker or Trading

Issuer

5. Relationship of Reporting Person(s) to

Symbol TRIMBLE NAVIGATION LTD /CA/ [TRMB]

(Check all applicable)

Vice President

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

X_ Officer (give title below)

10% Owner Other (specify

C/O TIMBLE NAVIGATION LTD, 935 STEWART DRIVE

(Street)

(State)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Director

Applicable Line)

Filed(Month/Day/Year)

10/26/2010

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

SUNNYVALE, CA 94085

(City)

(Instr. 3)

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

(Month/Day/Year)

(Middle)

(Zip)

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

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

(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 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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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)	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 Unit	<u>(2)</u>	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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