FOSBURGH BRYN

Form 4

September 29, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

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OMB APPROVAL

response...

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

SECURITIES

obligations may continue. See Instruction

1(b).

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. Name and Address of Reporting Person * **FOSBURGH BRYN**

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

TRIMBLE NAVIGATION LTD

/CA/ [TRMB]

(Check all applicable)

(Last) (First) (Middle)

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

X_ Officer (give title below)

10% Owner Other (specify

C/O TIMBLE NAVIGATION

09/28/2010 LIMITED, 935 STEWART DRIVE

Director

Vice President

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

(Street)

SUNNYVALE, CA 94085

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secui	rities Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	09/28/2010		M	1,264	A	\$ 14.53	3,110	D	
Common Stock	09/28/2010		S <u>(1)</u>	1,264	D	\$ 35	1,846	D	
Common Stock	09/28/2010		M	2,735	A	\$ 14.53	4,581	D	
Common Stock	09/28/2010		S(1)	2,735	D	\$ 35	1,846	D	
Common Stock	09/28/2010		M	2,000	A	\$ 16.995	3,846	D	

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Common Stock	09/28/2010	S(1)	2,000	D	\$ 35	1,846	D
Common Stock	09/28/2010	M	6,601	A	\$ 16.995	8,447	D
Common Stock	09/28/2010	S(1)	6,601	D	\$ 35	1,846	D
Common Stock	09/28/2010	M	9,000	A	\$ 28	10,846	D
Common Stock	09/28/2010	S <u>(1)</u>	9,000	D	\$ 35	1,846	D

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

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SEC 1474 (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) (Month/Day/Year) (Month/Day/Year) (Instr. 8) (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exer Expiration D (Month/Day,	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)			
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 14.53	09/28/2010		M		1,264	(2)	10/22/2014	Common Stock	1,264
Employee Stock Option	\$ 14.53	09/28/2010		M		2,735	(2)	10/22/2014	Common Stock	2,735
Employee Stock Option	\$ 16.995	09/28/2010		M		2,000	(2)	12/20/2015	Common Stock	2,000
Employee Stock Option	\$ 16.995	09/28/2010		M		6,601	(2)	12/20/2015	Common Stock	6,601
Employee Stock	\$ 28	09/28/2010		M		9,000	(2)	04/21/2015	Common Stock	9,000

Option

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

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

Vice President

Signatures

John Huey as attorney o9/29/2010 in fact

**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) The sale reported in this Form 4 was affected pursuant to a Rule 10b5-1 plan adopted by the reporting person on August 3, 2010.
- (2) This option is exercisable 20% at the end of the first year and 1.67% a month thereafter.

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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