

TRIMBLE NAVIGATION LTD /CA/  
Form 4  
April 26, 2006

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

2. Issuer Name and Ticker or Trading Symbol  
**TRIMBLE NAVIGATION LTD /CA/ [TRMB]**

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
**04/24/2006**

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
Vice President

**C/O TIMBLE NAVIGATION LTD, 935 STEWART DRIVE**

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**SUNNYVALE, CA 94085**

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount (D) or Price (A)		
Common Stock	04/24/2006		M		1,375 A \$ 10.2267	6,098	D
Common Stock	04/24/2006		S		1,375 D \$ 47.0769	4,723	D
Common Stock	04/24/2006		M		3,000 A \$ 8.5333	7,723	D
Common Stock	04/24/2006		S		3,000 D \$ 47.0769	4,723	D
Common Stock	04/24/2006		M		6,510 A \$ 17	11,233	D

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Common Stock	04/24/2006	S	6,510	D	\$ 47.0769	4,723	D
Common Stock	04/24/2006	M	491	A	\$ 17	5,214	D
Common Stock	04/24/2006	S	491	D	\$ 47.0769	4,723	D
Common Stock	04/24/2006	M	7,751	A	\$ 29.06	12,474	D
Common Stock	04/24/2006	S	7,751	D	\$ 47.0769	4,723	D
Common Stock	04/24/2006	M	3,583	A	\$ 29.06	8,306	D
Common Stock	04/24/2006	S	3,583	D	\$ 47.0769	4,723 <sup>(1)</sup>	D

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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(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)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Employee Stock Option	\$ 10.2267	04/24/2006		M	1,375	<u>(2)</u> 06/21/2012	Common Stock	1,375
Employee Stock Option	\$ 8.5333	04/24/2006		M	3,000	<u>(2)</u> 07/23/2012	Common Stock	3,000
Employee Stock Option	\$ 17	04/24/2006		M	6,510	<u>(2)</u> 07/16/2013	Common Stock	6,510

Employee Stock Option	\$ 17	04/24/2006	M	491	(2)	07/16/2013	Common Stock	491
Employee Stock Option	\$ 29.06	04/24/2006	M	7,751	(2)	10/22/2014	Common Stock	7,751
Employee Stock Option	\$ 29.06	04/24/2006	M	3,583	(2)	10/22/2014	Common Stock	3,583

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FOSBURGH BRYN C/O TIMBLE NAVIGATION LTD 935 STEWART DRIVE SUNNYVALE, CA 94085			Vice President	

## Signatures

Irwin Kwatek as Attorney  
in Fact 04/26/2006

\*\*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) Includes 275 shares acquired under the Trimble Navigation stock purchase plan of December 30, 2005.
- (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.