

TRIMBLE NAVIGATION LTD /CA/
Form 4
May 10, 2007

FORM 4

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

OMB APPROVAL

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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)
05/08/2007

___ 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock	05/08/2007		M		3,250 A \$ 5.1134	13,938 (1) (2)	D
Common Stock	05/08/2007		S		3,250 D \$ 30.5845	10,688 (1) (2)	D
Common Stock	05/08/2007		M		6,500 A \$ 4.2667	17,188 (1) (2)	D
Common Stock	05/08/2007		S		6,500 D \$ 30.5845	10,688 (1) (2)	D
Common Stock	05/08/2007		M		862 A \$ 8.5	11,550 (1) (2)	D

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Common Stock	05/08/2007	S	862	D	\$ 30.5845	10,688	(1) (2)	D
Common Stock	05/08/2007	M	15,388	A	\$ 8.5	26,076	(1) (2)	D
Common Stock	05/08/2007	S	15,388	D	\$ 30.5845	10,688	(1) (2)	D
Common Stock	05/08/2007	M	5,479	A	\$ 14.53	16,167	(1) (2)	D
Common Stock	05/08/2007	S	5,479	D	\$ 30.5845	10,688	(1) (2)	D
Common Stock	05/08/2007	M	11,853	A	\$ 14.53	22,541	(1) (2)	D
Common Stock	05/08/2007	S	11,853	D	\$ 30.5845	10,688	(1) (2)	D
Common Stock	05/08/2007	M	2,667	A	\$ 16.995	13,355	(1) (2)	D
Common Stock	05/08/2007	S	2,667	D	\$ 30.5845	10,688	(1) (2)	D
Common Stock	05/08/2007	M	10,667	A	\$ 16.995	21,355	(1) (2)	D
Common Stock	05/08/2007	S	10,667	D	\$ 30.5845	10,688	(1) (2)	D

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

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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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock	\$ 5.1134	05/08/2007		M	3,250	(3)	06/21/2012	Common Stock	3,250

Option									
Employee Stock Option	\$ 4.2667	05/08/2007	M	6,500	<u>(3)</u>	07/23/2012	Common Stock	6,500	
Employee Stock Option	\$ 8.5	05/08/2007	M	862	<u>(3)</u>	07/16/2013	Common Stock	862	
Employee Stock Option	\$ 8.5	05/08/2007	M	15,388	<u>(3)</u>	07/16/2013	Common Stock	15,388	
Employee Stock Option	\$ 14.53	05/08/2007	M	5,479	<u>(3)</u>	10/22/2014	Common Stock	5,479	
Employee Stock Option	\$ 14.53	05/08/2007	M	11,853	<u>(3)</u>	10/22/2014	Common Stock	11,853	
Employee Stock Option	\$ 16.995	05/08/2007	M	2,667	<u>(3)</u>	12/20/2015	Common Stock	2,667	
Employee Stock Option	\$ 16.995	05/08/2007	M	10,667	<u>(3)</u>	12/20/2015	Common Stock	10,667	

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 05/10/2007

__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) On February 22, 2007, the common stock of Trimble Navigation Limited split 2-for-1, resulting in the reporting person's direct ownership of 5,069 additional shares of common stock
- (2) Includes 550 shares acquired under the Trimble Navigation stock purchase plan of February 28, 2007.
- (3) This option is exercisable 20% at the end of the first year and 1.67% a month thereafter.

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