

TRIMBLE NAVIGATION LTD /CA/
Form 4
May 23, 2008

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 *
Beyer Richard A

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)
C/O TRIMBLE NAVIGATION LTD., 935 STEWART DRIVE
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
05/22/2008

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

SUNNYVALE, CA 94085

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

(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)	
				(A) or (D)	Price			
				Code	V	Amount		
Common Stock	05/22/2008		M		5,625	A	\$ 10.88 6,345	D
Common Stock	05/22/2008		S ⁽¹⁾		5,625	D	\$ 36 720	D
Common Stock	05/22/2008		M		708	A	\$ 16.995 1,428	D
Common Stock	05/22/2008		S ⁽¹⁾		708	D	\$ 36 720	D
Common Stock	05/23/2008		M		1,225	A	\$ 16.995 1,945	D

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Common Stock	05/23/2008	S ⁽¹⁾	1,225	D	\$ 37	720	D
Common Stock	05/23/2008	M	5,108	A	\$ 16.995	5,828	D
Common Stock	05/23/2008	S ⁽¹⁾	5,108	D	\$ 37	720	D
Common Stock	05/23/2008	M	6,334	A	\$ 16.995	7,054	D
Common Stock	05/23/2008	S ⁽¹⁾	6,334	D	\$ 38	720	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)	8. Amount or Number of Shares
Employee Stock Option	\$ 10.88	05/22/2008		M	5,625	<u>(2)</u> 03/09/2014	Common Stock	5,625
Employee Stock Option	\$ 16.995	05/22/2008		M	708	<u>(2)</u> 12/20/2015	Common Stock	708
Employee Stock Option	\$ 16.995	05/23/2008		M	1,225	<u>(2)</u> 12/20/2015	Common Stock	1,225
Employee Stock Option	\$ 16.995	05/23/2008		M	5,108	<u>(2)</u> 12/20/2015	Common Stock	5,108
Employee Stock	\$ 16.995	05/23/2008		M	6,334	<u>(2)</u> 12/20/2015	Common Stock	6,334

Option

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Beyer Richard A C/O TRIMBLE NAVIGATION LTD. 935 STEWART DRIVE SUNNYVALE, CA 94085			Vice President	

Signatures

Irwin Kwatek as Attorney
in Fact 05/23/2008

__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 sale reported in this form 4 was affected pursuant to a Rule 10b5-1 plan adopted by the reporting person on May 12, 2008.
- (2) This option is exercisable 20% at the end of the first year and 1.67% monthly 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.