

Beyer Richard A
 Form 4
 November 23, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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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)

3. Date of Earliest Transaction (Month/Day/Year)
 11/22/2010

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

C/O TRIMBLE 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 or Price		
Common Stock	11/22/2010		M		66 A \$ 16.995	567	D
Common Stock	11/22/2010		S ⁽¹⁾		66 D \$ 36.7172	501	D
Common Stock	11/22/2010		M		534 A \$ 16.995	1,034	D
Common Stock	11/22/2010		S ⁽¹⁾		534 D \$ 36.7172	501	D

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Common Stock	11/22/2010	M	716	A	\$ 23.4413	1,217	D	
Common Stock	11/22/2010	<u>S</u> (1)	716	D	\$ 36.7172 (2)	501	D	
Common Stock	11/22/2010	M	916	A	\$ 19.96	1,417	D	
Common Stock	11/22/2010	<u>S</u> (1)	916	D	\$ 36.7172 (2)	501	D	
Common Stock						8	I	By 401K

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)	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	\$ 16.995	11/22/2010		M	66	(3) 10/20/2015	Common Stock	66
Employee Stock Option	\$ 16.995	11/22/2010		M	534	(3) 10/20/2015	Common Stock	534
Employee Stock Option	\$ 23.4413	11/22/2010		M	716	(4) 10/20/2013	Common Stock	716
Employee Stock	\$ 19.96	11/22/2010		M	916	(4) 10/20/2015	Common Stock	916

