

PARKINSON BRADFORD W  
 Form 4  
 February 10, 2011

**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 \*  
 PARKINSON BRADFORD W

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)  
 02/08/2011

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

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)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	02/08/2011		M		15,000	A	\$ 19.615 15,000 D
Common Stock	02/08/2011		S		15,000	D	\$ 47.17 0 D
Common Stock	02/08/2011		M		15,000	A	\$ 22.535 15,000 D
Common Stock	02/08/2011		S		15,000	D	\$ 47.0577 0 D
	02/08/2011		M		8,333	A	\$ 20.01 8,333 D

Common  
Stock

Common Stock	02/08/2011	S	8,333	D	\$ 46.9212	0	D
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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)	Amount or Number of Shares
Employee Stock Option	\$ 19.615	02/08/2011		M	15,000	<sup>(3)</sup> 05/19/2015	Common Stock	15,000
Employee Stock Option	\$ 22.535	02/08/2011		M	15,000	<sup>(3)</sup> 05/18/2016	Common Stock	15,000
Employee Stock Option	\$ 20.01	02/08/2011		M	8,333	<sup>(3)</sup> 05/19/2019	Common Stock	8,333

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director    10% Owner    Officer    Other

PARKINSON BRADFORD W  
C/O TIMBLE NAVIGATION LTD  
935 STEWART DRIVE  
SUNNYVALE, CA 94085

X

## Signatures

James Kirkland as Attorney  
in Fact

02/10/2011

\_\_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 price reported is the weighted average sale price of shares sales occurring at prices ranging from \$46.99 to 47.22. Upon the request of the SEC or a stockholder of the issuer, the reporting person will provide information on the number of shares sold of each separate price.
- (2) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$46.863 to \$47.05. Upon the request of the SEC or a stockholder of the issuer, the reporting person will provide information on the number of shares sold of each separate price.
- (3) This option is exercisable at a rate of 1/36th per month.

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.