HARRINGTON MARK A

Form 4

October 31, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

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OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * HARRINGTON MARK A

2. Issuer Name and Ticker or Trading Symbol

Issuer

TRIMBLE NAVIGATION LTD /CA/ [TRMB]

(Check all applicable)

5. Relationship of Reporting Person(s) to

(Last)

(First) (Middle) 3. Date of Earliest Transaction

Director X_ Officer (give title below)

10% Owner Other (specify

C/O TRIMBLE NAVIGATION LIMITED, 935 STEWART DRIVE

(Street)

10/29/2012

(Month/Day/Year)

Vice President

6. Individual or Joint/Group Filing(Check

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

X Form filed by One Reporting Person Form filed by More than One Reporting

SUNNYVALE, CA 94085

(State) (Zip)

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

1. Title of Security (Instr. 3)

(City)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Ownership Indirect (I) (Instr. 4) (Instr. 4)

SEC 1474

(9-02)

(A)

Reported Transaction(s) (Instr. 3 and 4)

or Code V Amount (D) Price

> $3,897 \frac{(1)}{}$ D

Common Stock

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. Transactic Code (Instr. 8)	5. Number of on Derivative Securities Acquired (A) or Disposed (D) (Instr. 3, 4, and 5)	Expiration I (Month/Day	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(Α) (Γ	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Employee Stock Option	\$ 47.06	10/29/2012		A	20,000	(2)	10/29/2019	Common Stock	20,000	
Restricted Stock Unit	(3)	10/29/2012		A	7,000	<u>(4)</u>	<u>(4)</u>	Common Stock	7,000	

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

HARRINGTON MARK A C/O TRIMBLE NAVIGATION LIMITED 935 STEWART DRIVE SUNNYVALE, CA 94085

Vice President

Signatures

James Kirkland as Attorney in Fact 10/30/2012

**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 95 shares acquired under the Trimble Navigation stock purchase plan of August 31, 2012.
- (2) This option is exercisable 40% after two years and 1.67% a month thereafter, fully vested in five years from grant date.
- (3) Each restricted stock unit represents a contingent right to receive the value of one share of Trimble Navigation common stock, payable in cash, common stock or a combination of both at the option of Trimble Navigation.
- (4) The restricted stock units will vest 100% in thirty six (36) months after the award date. Vested shares will be delivered to the reporting person upon vest.

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.

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