

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Bahri Rajat</u> <hr/> (Last) (First) (Middle) <u>C/O TRIMBLE NAVIGATION LIMITED</u> <u>935 STEWART DRIVE</u> <hr/> (Street) <u>SUNNYVALE CA 94085</u> <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>TRIMBLE NAVIGATION LTD /CA/ [TRMB]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) CFO
	3. Date of Earliest Transaction (Month/Day/Year) <u>11/30/2012</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person

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	11/30/2012		M		50,000	A	\$18.235	50,243	D	
Common Stock	11/30/2012		S		50,000	D	\$55.4072 ⁽¹⁾	243	D	
Common Stock	11/30/2012		M		40,000	A	\$23.4413	40,243	D	
Common Stock	11/30/2012		S		40,000	D	\$55.5599 ⁽²⁾	243	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V		Date Exercisable	Expiration Date						Title
Employee Stock Option	\$18.235	11/30/2012		M		50,000	(3)	01/19/2016	Common Stock	50,000	\$0	0	D	
Employee Stock Option	\$23.4413	11/30/2012		M		40,000	(4)	10/20/2013	Common Stock	40,000	\$0	0	D	

Explanation of Responses:

- The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$55.19 to \$55.56. Upon request from the SEC or a stockholder of the issuer, the reporting person will provide information on the number of shares sold of each separate price.
- The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$55.40 to \$55.73. Upon request from the SEC or a stockholder of the issuer, the reporting person will provide information on the number of shares sold of each separate price.
- This option vests 20% after one year and 1.67% a month thereafter.
- This option vests 40% after two years and 1.67% a month thereafter.

James Kirkland as Attorney in Fact 12/03/2012

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.