

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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>BERGLUND STEVEN W</u> (Last) (First) (Middle) <u>C/O TIMBLE NAVIGATION LTD</u> <u>935 STEWART DRIVE</u> (Street) <u>SUNNYVALE CA 94085</u> (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) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) President & CEO
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/05/2016</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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	05/05/2016		M		200,000	A	\$10.84	264,901	D	
Common Stock	05/05/2016		S		100,000	D	\$23.35 ⁽¹⁾	164,901	D	
Common Stock	05/06/2016		S		100,000	D	\$23.07 ⁽²⁾	64,901	D	
Common Stock								198,060	I	By Trust

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	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option	\$10.84	05/06/2016		M		100,000		(3)	10/23/2016	Common Stock	100,000	\$0	0	D	
Employee Stock Option	\$10.84	05/05/2016		M		100,000		(3)	10/23/2016	Common Stock	100,000	\$0	100,000	D	

Explanation of Responses:

- The price reported is the weighted average sale price of shares occurring at prices ranging from \$23.10 - \$23.75. Upon request from the SEC or a stockholder of the issuer, the reporting person will provide information on the number of shares sold for each separate price.
- The price reported is the weighted average sale price of shares occurring at prices ranging from \$22.70 - \$23.30. Upon request from the SEC or a stockholder of the issuer, the reporting person will provide information on the number of shares sold for each separate price.
- 40% of these options became exercisable on 10/23/2011 and an additional 1.67% of these options become exercisable monthly thereafter.

Remarks:

James Kirkland, as Attorney-in-Fact 05/09/2016

** 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.