

Kliem Jurgen
 Form 4
 November 20, 2012

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 *
 Kliem Jurgen

2. Issuer Name and Ticker or Trading Symbol
 TRIMBLE NAVIGATION LTD /CA/ [TRMB]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 ___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Vice President

(Last) (First) (Middle)
 C/O TRIMBLE NAVIGATION LIMITED, 935 STEWART DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/16/2012

SUNNYVALE, CA 94085

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

(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) | | | 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 | 11/16/2012 | | M | | | 8,226 A \$ 16.995 | 19,843 | D | |
| Common Stock | 11/16/2012 | | S | | | 8,226 D \$ 52.574 (1) | 11,617 | D | |
| Common Stock | 11/16/2012 | | M | | | 774 A \$ 16.995 | 12,391 | D | |
| Common Stock | 11/16/2012 | | S | | | 774 D \$ 52.523 (2) | 11,617 | D | |
| Common Stock | 11/16/2012 | | M | | | 383 A \$ 23.4413 | 12,000 | D | |

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| | | | | | | | |
|--------------|------------|---|--------|---|-----------------------------------|--------|---|
| Common Stock | 11/16/2012 | S | 383 | D | \$ <u>52.498</u> ⁽³⁾ | 11,617 | D |
| Common Stock | 11/16/2012 | M | 2,700 | A | \$ 28 | 14,317 | D |
| Common Stock | 11/16/2012 | S | 2,700 | D | \$ <u>52.44</u> ⁽⁴⁾ | 11,617 | D |
| Common Stock | 11/16/2012 | M | 6,300 | A | \$ 28 | 17,917 | D |
| Common Stock | 11/16/2012 | S | 6,300 | D | \$ <u>52.517</u> ⁽⁷⁾ | 11,617 | D |
| Common Stock | 11/16/2012 | M | 24,000 | A | \$ 19.96 | 35,617 | D |
| Common Stock | 11/16/2012 | S | 24,000 | D | \$ <u>52.58</u> ⁽⁸⁾ | 11,617 | D |
| Common Stock | 11/16/2012 | M | 4,429 | A | \$ 20.01 | 16,046 | D |
| Common Stock | 11/16/2012 | S | 4,429 | D | \$ <u>52.507</u> ⁽⁹⁾ | 11,617 | D |
| Common Stock | 11/16/2012 | M | 14,705 | A | \$ 20.01 | 26,322 | D |
| Common Stock | 11/16/2012 | S | 14,705 | D | \$ <u>52.613</u> ⁽¹⁰⁾ | 11,617 | D |
| Common Stock | 11/16/2012 | M | 18,000 | A | \$ 21.68 | 29,617 | D |
| Common Stock | 11/16/2012 | S | 18,000 | D | \$ <u>52.557</u> ⁽¹¹⁾ | 11,617 | D |
| Common Stock | 11/16/2012 | S | 5,592 | D | \$ <u>52.56</u> ⁽¹²⁾ | 6,025 | D |
| Common Stock | 11/16/2012 | S | 2,890 | D | \$ <u>52.8713</u> ⁽¹³⁾ | 3,135 | D |

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

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 control number.

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 | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|

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| (Instr. 3) | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | | | | | | |
|-----------------------|------------------------------|------------------|------------|---|--------|-----|------------------|-----------------|--------------|----------------------------|--|
| | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| Employee Stock Option | \$ 16.995 | 11/16/2012 | M | | 8,226 | | <u>(5)</u> | 12/20/2015 | Common Stock | 8,226 | |
| Employee Stock Option | \$ 16.995 | 11/16/2012 | M | | 774 | | <u>(5)</u> | 12/20/2015 | Common Stock | 774 | |
| Employee Stock Option | \$ 23.4413 | 11/16/2012 | M | | 383 | | <u>(6)</u> | 10/20/2013 | Common Stock | 383 | |
| Employee Stock Option | \$ 28 | 11/16/2012 | M | | 2,700 | | <u>(6)</u> | 04/21/2015 | Common Stock | 2,700 | |
| Employee Stock Option | \$ 28 | 11/16/2012 | M | | 6,300 | | <u>(6)</u> | 04/21/2015 | Common Stock | 6,300 | |
| Employee Stock Option | \$ 19.96 | 11/16/2012 | M | | 24,000 | | <u>(6)</u> | 10/20/2015 | Common Stock | 24,000 | |
| Employee Stock Option | \$ 20.01 | 11/16/2012 | M | | 4,429 | | <u>(6)</u> | 05/19/2016 | Common Stock | 4,429 | |
| Employee Stock Option | \$ 20.01 | 11/16/2012 | M | | 14,705 | | <u>(6)</u> | 05/19/2016 | Common Stock | 14,705 | |
| Employee Stock Option | \$ 21.68 | 11/16/2012 | M | | 18,000 | | <u>(6)</u> | 10/23/2016 | Common Stock | 18,000 | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|----------------|-------|
| | Director | 10% Owner | Officer | Other |
| Kliem Jurgen C/O TRIMBLE NAVIGATION LIMITED 935 STEWART DRIVE SUNNYVALE, CA 94085 | | | Vice President | |

Signatures

James Kirkland as Attorney
in Fact

11/19/2012

__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) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$52.23 to \$52.77. Upon the request from the SEC or a stockholder fo 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 \$52.51 to \$52.53. 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.
 - (3) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$52.46 to \$52.525. 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.
 - (4) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$52.25 to \$52.62. Upon request from the SEC or a stockholder of the issuer, the reporting person will provide informaiton of the number of shares sold of each separate price.
 - (5) This option vests 20% after one year and 1.67% a month thereafter.
 - (6) This option vests 40% after two years and 1.67% a month thereafter.
 - (7) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$52.47 to \$52.565. 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.
 - (8) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$52.42 to \$52.84. 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.
 - (9) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$52.23 to 52.734. 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.
 - (10) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$52.405 to \$52.84. Upon request from the SEC or a stockholder of the issuer, the reporting person will provide informaiton on the number of shares sold of each separate price.
 - (11) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$52.51 to \$52.56. 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.
 - (12) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$52.56 to \$52.57. 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.
 - (13) The price reported is the weighted average sale price of shares sales occurring at prices ranging from \$52.86 to 52.89. 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.

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.