

Bahri Rajat
Form 4
May 21, 2009

FORM 4

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

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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
Bahri Rajat

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)

C/O TRIMBLE NAVIGATION
LTD, 935 STEWART DRIVE

(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
05/19/2009

____ Director ____ 10% Owner
____X____ Officer (give title ____ Other (specify
below) below)
Vice President & CFO

SUNNYVALE, CA 94085

(City) (State) (Zip)

4. If Amendment, Date 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 (D) Price			

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

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information contained in this form are not
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(9-02)

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amount of Underlying Securities
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		(Instr. 3 and 4)			
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 20.01	05/19/2009	A		8,000		<u>(1)</u>	05/19/2016	Common Stock	8,000
Employee Stock Option	\$ 20.01	05/19/2009	A		27,000		<u>(1)</u>	05/19/2016	Common Stock	27,000
Restricted Stock Unit	<u>(2)</u>	05/19/2009	A		5,000		<u>(3)</u>	<u>(3)</u>	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
Bahri Rajat C/O TRIMBLE NAVIGATION LTD 935 STEWART DRIVE SUNNYVALE, CA 94085	Vice President & CFO

Signatures

James Kirkland as Attorney
in Fact 05/21/2009

____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) This option is exercisable 40% after two years and 1.67% a month thereafter, fully vested in five years from grant date.
- (2) 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.
- (3) 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.
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