

TRIMBLE NAVIGATION LTD /CA/  
Form 4  
August 16, 2006

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
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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 \*  
**BERGLUND STEVEN W**

(Last) (First) (Middle)

**C/O TIMBLE NAVIGATION LTD, 935 STEWART DRIVE**

(Street)

**SUNNYVALE, CA 94085**

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)  
**08/14/2006**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**President & CEO**

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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 Ownership (Instr. 4)		
				Code	V	Amount				(A) or (D)	Price
Common Stock	08/14/2006		M			2,600	A	\$ 5.3333	66,115	D	
Common Stock	08/14/2006		S			2,600	D	\$ 48.0023	63,515	D	
Common Stock	08/14/2006		M			5,000	A	\$ 5.3333	68,515	D	
Common Stock	08/14/2006		S			5,000	D	\$ 47.6843	63,515	D	
Common Stock	08/15/2006		M			32,400	A	\$ 5.3333	95,915	D	

Common Stock 08/15/2006 S 32,400 D \$ 47.1343 63,515 D

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

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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 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 Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Employee Stock Option	\$ 5.3333	08/14/2006		M	2,600	<u>(1)</u> 03/17/2009	Common Stock	2,600
Employee Stock Option	\$ 5.3333	08/14/2006		M	5,000	<u>(1)</u> 03/17/2009	Common Stock	5,000
Employee Stock Option	\$ 5.3333	08/15/2006		M	32,400	<u>(1)</u> 03/17/2009	Common Stock	32,400

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BERGLUND STEVEN W C/O TIMBLE NAVIGATION LTD 935 STEWART DRIVE SUNNYVALE, CA 94085	X		President & CEO	

## Signatures

Irwin Kwatek as Attorney in Fact 08/16/2006

\*\*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 20% at the end of the first year and 1.67% a month thereafter.

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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