

TRIMBLE NAVIGATION LTD /CA/  
Form 4  
August 15, 2007

# FORM 4

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

OMB APPROVAL

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## 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 \*  
LESYNA MICHAEL 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)  
08/13/2007

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)  
Vice President

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)		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 Price			
Common Stock	08/13/2007		M		19,378 A \$ 13.7084	34,688	D	
Common Stock	08/13/2007		S <sup>(1)</sup>		19,378 D \$ 37.7727	15,310	D	
Common Stock	08/13/2007		M		45,000 A \$ 5.8234	60,310	D	
Common Stock	08/13/2007		S <sup>(1)</sup>		45,000 D \$ 37.7727	15,310	D	
Common Stock	08/13/2007		M		20,000 A \$ 5.1134	35,310	D	

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Common Stock	08/13/2007	S <sup>(1)</sup>	20,000	D	\$ 37.7727	15,310	D	
Common Stock	08/13/2007	M	2,760	A	\$ 8.5	18,070	D	
Common Stock	08/13/2007	S <sup>(1)</sup>	2,760	D	\$ 37.7727	15,310	D	
Common Stock	08/13/2007	M	21,240	A	\$ 8.5	36,550	D	
Common Stock	08/13/2007	S <sup>(1)</sup>	21,240	D	\$ 37.7727	15,310	D	
Common Stock	08/13/2007	M	14,722	A	\$ 14.53	30,032	D	
Common Stock	08/13/2007	S <sup>(1)</sup>	14,722	D	\$ 37.7727	15,310	D	
Common Stock	08/13/2007	M	1,900	A	\$ 16.995	17,210	D	
Common Stock	08/13/2007	S <sup>(1)</sup>	1,900	D	\$ 37.7727	15,310	D	
Common Stock						4,500	I	By Spouse

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

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**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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 13.7084	08/13/2007		M	19,378	(2)	08/25/2010	Common Stock	19,378
Employee Stock Option	\$ 5.8234	08/13/2007		M	45,000	(2)	07/18/2011	Common Stock	45,000

