

TRIMBLE NAVIGATION LTD /CA/  
Form S-8 POS  
November 13, 2006

**As filed with the Securities and Exchange Commission on November 13,  
2006  
Registration No. 333-138551**

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

**POST-EFFECTIVE AMENDMENT NO. 1 TO  
FORM S-8  
REGISTRATION STATEMENT UNDER  
THE SECURITIES ACT OF 1933**

**TRIMBLE NAVIGATION LIMITED**  
(Exact Name of Registrant as Specified in Its Charter)

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**California**  
(State or Other Jurisdiction of Incorporation or  
Organization)

**94-2802192**  
(I.R.S. Employer Identification No.)

**935 Stewart Drive  
Sunnyvale, California 94085**  
(Address of Principal Executive Offices, Including Zip Code)

**1988 EMPLOYEE STOCK PURCHASE PLAN  
2002 STOCK PLAN**  
(Full Title of the Plans)

**Irwin L. Kwatek  
Vice President, General Counsel  
Trimble Navigation Limited  
935 Stewart Drive  
Sunnyvale, California 94085**  
(Name and Address of Agent For Service)

**(408) 481-8000**  
(Telephone Number, including Area Code, of Agent For Service)

**Copies to:  
Thomas J. Ivey  
Skadden, Arps, Slate, Meagher & Flom LLP  
525 University Avenue**

**Suite 1100**  
**Palo Alto, California 94301**  
**(650) 470-4500**

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**EXPLANATORY NOTE**

The purposes of the Post-Effective Amendment No. 1 to the Form S-8 Registration Statement (333-138551) filed on November 9, 2006 is to revise PART II, Item 3 (Incorporation of Documents by Reference) to include the Registrant's Current Report on Form 8-K, filed on November 13, 2006.

**PART II  
INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 3. Incorporation of Documents by Reference.**

(a) The Registrant's Annual Report on Form 10-K, for the fiscal year ended December 30, 2005, filed on March 10, 2006;

(b) The Registrant's Current Reports on Form 8-K, filed on January 24, 2006; April 19, 2006; July 25, 2006; September 15, 2006; October 24, 2006 and November 13, 2006;

(c) The Registrant's Definitive Proxy Statement filed on April 10, 2006;

(d) Registrant's Quarterly Reports on Form 10-Q filed May 4, 2006; August 7, 2006 and November 6, 2006;

(e) The description of the Registrant's Common Stock contained in the Registrant's Registration Statement on Form 8-A, filed with the Commission on June 15, 1990, and any amendment or report filed for the purpose of updating such description; and

(f) The description of certain dividend rights on the Registrant's Common Stock contained in the Registrant's Registration Statement on Form 8-A, filed with the Commission on February 18, 1999.

**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Post-Effective Amendment No. 1 to Form S-8 registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Sunnyvale, State of California, on this 13th day of November 2006.

Trimble Navigation Limited

By: /s/ Irwin L. Kwatek

Name: Irwin L. Kwatek

Title: Vice President, General Counsel

**POWER OF ATTORNEY**

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

<b>Signature</b>	<b>Title</b>	<b>Date</b>
* _____ Steven W. Berglund	President, Chief Executive Office & Director (Principal Executive Officer)	November 13, 2006
* _____ Rajat Bahri	Chief Financial Officer (Principal Financial Officer & Principal Accounting Officer)	November 13, 2006
* _____ Robert S. Cooper	Director	November 13, 2006
* _____ John B. Goodrich	Director	November 13, 2006
* _____ William Hart	Director	November 13, 2006
Ulf Johansson	Director	_____, 2006
* _____ Bradford W. Parkinson	Director	November 13, 2006
Nickolas W. Vande Steeg	Director	_____, 2006

\*By: /s/ Irwin L. Kwatek  
Irwin L. Kwatek  
Vice President, General Counsel