

TRIMBLE NAVIGATION LTD /CA/  
Form AW  
February 26, 2007

As filed with the Securities and Exchange Commission on February 23, 2007  
Registration No. 333-106893

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

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**POST-EFFECTIVE AMENDMENT NO. 1**  
**TO**  
**FORM S-3**  
**REGISTRATION STATEMENT UNDER**  
**THE SECURITIES ACT OF 1933**

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**Trimble Navigation Limited**  
(Exact name of Registrant as specified in its charter)

**California**  
(State of other jurisdiction of incorporation  
or organization)

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

**935 Stewart Drive, Sunnyvale, California, 94085**  
(Address, including zip code, and telephone number, including area code, of Registrant's principal executive offices)

**Irwin Kwatek**  
**Vice President and General Counsel**  
**Trimble Navigation Limited**  
**935 Stewart Drive, Sunnyvale, California 94085**  
**408-481-8000**  
(Name, address, including zip code, and telephone number, including area code, of agent for service)

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*Copies to:*  
**Thomas J. Ivey, Esq.**  
**Skadden, Arps, Slate, Meagher & Flom LLP**  
**525 University Avenue, Palo Alto, California 94301**  
**(650) 470-4500**

**Approximate date of commencement of proposed sale to the public:** From time to time after the effective date of this Registration Statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box.

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**This Post-Effective Amendment No. 1 to the Registration Statement on Form S-3 (SEC File No. 333-106893) is being filed by Trimble Navigation Limited (the “Registrant”) in order to deregister 95,652 shares of the Registrant’s common stock, no par value, that remain unsold under the Registration Statement. The foregoing number of shares of common stock has been adjusted to reflect the two-for-one stock split effected on February 22, 2007.**

**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, the Registrant has duly caused this Post-Effective Amendment No. 1 to the Registration Statement on Form S-3 to be signed on its behalf by the undersigned, thereto duly authorized, in the city of Sunnyvale, State of California, on this 23rd day of February 2007.

**TRIMBLE NAVIGATION LIMITED**

By: /s/ Steven W. Berglund  
Name: Steven W. Berglund  
Title: President & Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to Registration Statement No. 333-106893 has been signed by the following persons, in the capacities indicated, as of February 23, 2007.

| Name  | Title   |
|---|---|
| /s/Steven W. Berglund<br>Steven W. Berglund | President, Chief Executive Officer, Director  |
| /s/ Rajat Bahri<br>Rajat Bahri              | Chief Financial Officer<br>(Principal Financial Officer and Principal Accounting Officer) |
| *<br>Robert S. Cooper                       | Director  |
| *<br>John B. Goodrich                       | Director  |
| *<br>William Hart                           | Director  |
| *   | Director  |

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| Ulf J. Johansson   |  |          |
| *<br>Bradford W. Parkinson   |  | Director |
| Nickolas W. Vande Steeg  |  | Director |
| * By: /s/ Steven W. Berglund<br>Steven W. Berglund, Attorney In Fact |  |          |