

TRIMBLE NAVIGATION LTD /CA/

Form 8-K

October 24, 2006

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

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): October 24, 2006 (October 24, 2006)

Trimble Navigation Limited

(Exact name of registrant as specified in its charter)

California

(State or other jurisdiction of incorporation)

0-18645

(Commission File Number)

94-2802192

(IRS Employer I.D. No.)

935 Stewart Drive, Sunnyvale, California

(Address of principal executive offices)

94085

(Zip Code)

Registrant's telephone number, including area code: (408) 481-8000

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 2.02 Results of Operations and Financial Condition.

On October 24, 2006, the Company announced its financial results for the quarter ended September 29, 2006. A copy of the press release dated October 24, 2006 relating to this announcement is furnished as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

Ex. 99.1 Text of Company Press Release dated October 24, 2006.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Company has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

TRIMBLE NAVIGATION LIMITED
a California corporation

Dated: October 24, 2006

/s/ Irwin Kwatek

Irwin Kwatek
Vice President

EXHIBIT INDEX
Exhibit Number Description

| Exhibit No. | Description |
|--------------------|--|
| 99.1 | Text of Company Press Release dated October 24, 2006 |