

TRIMBLE NAVIGATION LTD /CA/  
Form 11-K  
June 24, 2009

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As filed with the Securities and Exchange Commission on June 24, 2009

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

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FORM 11-K

x ANNUAL REPORT PURSUANT TO SECTION 15(d) OF  
THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended

December 31, 2008

or

.. TRANSITION REPORT PURSUANT TO SECTION 15(d)  
OF THE SECURITIES EXCHANGE ACT OF 1933

For the transition period from to

\_\_\_\_\_

Commission File

No. 0 - 18645

\_\_\_\_\_

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

TRIMBLE NAVIGATION SAVINGS AND RETIREMENT PLAN

\_\_\_\_\_

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

TRIMBLE NAVIGATION LIMITED

935 Stewart Drive  
Sunnyvale, CALIFORNIA 94085

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TRIMBLE NAVIGATION SAVINGS AND RETIREMENT PLAN  
Financial Statements and Supplemental Schedules  
Years ended December 31, 2008 and 2007

Table of Contents

|                                                                              | Page |
|------------------------------------------------------------------------------|------|
| <u>Report of Independent Registered Public Accounting Firm</u>               | 1    |
| Audited Financial Statements:                                                |      |
| <u>Statements of Net Assets Available for Benefits</u>                       | 2    |
| <u>Statements of Changes in Net Assets Available for Benefits</u>            | 3    |
| <u>Notes to Financial Statements</u>                                         | 4    |
| Supplemental Schedules as of and for the year ended December 31, 2008        |      |
| <u>Schedule H, Line 4i - Schedule of Assets (Held at the End of Year)</u>    | 9    |
| <u>Schedule H, Line 4a – Schedule of Non-exempt Transactions</u>             | 10   |
| <u>Signature</u>                                                             | 11   |
| <u>Exhibit 23 – Consent of Independent Registered Public Accounting Firm</u> | 12   |

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Table of Contents

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Participants and  
Plan Administrator of the  
Trimble Navigation  
Savings and Retirement Plan

We have audited the financial statements of the Trimble Navigation Savings and Retirement Plan (the Plan) as of December 31, 2008 and 2007, and for the years then ended, as listed in the accompanying table of contents. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. We were not engaged to perform an audit of the Plan's internal control over financial reporting. Our audits included consideration over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the Plan's management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2008 and 2007, and the changes in net assets available for benefits for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Our audits were performed for the purpose of forming an opinion on the basic financial statements taken as a whole. The information in the supplemental schedules, as listed in the accompanying table of contents, is presented for the purpose of additional analysis and is not a required part of the basic financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedules are the responsibility of the Plan's management. The supplemental schedules have been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, are fairly stated in all material respects in relation to the basic financial statements taken as a whole.

MOHLER, NIXON & WILLIAMS  
Accountancy Corporation

Campbell, California  
June 23, 2009

Table of Contents

TRIMBLE NAVIGATION SAVINGS AND RETIREMENT PLAN  
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

|                                     | December 31,  |               |
|-------------------------------------|---------------|---------------|
|                                     | 2008          | 2007          |
| Assets:                             |               |               |
| Investments, at fair value          | \$117,713,637 | \$160,378,004 |
| Participant loans                   | 1,769,422     | 1,419,933     |
| Assets held for investment purposes | 119,483,059   | 161,797,937   |
| Net assets available for benefits   | \$119,483,059 | \$161,797,937 |

See accompanying notes.

Table of Contents

TRIMBLE NAVIGATION SAVINGS AND RETIREMENT PLAN  
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

|                                                                                      | Years ended<br>December 31, |               |
|--------------------------------------------------------------------------------------|-----------------------------|---------------|
|                                                                                      | 2008                        | 2007          |
| Additions to net assets attributed to:                                               |                             |               |
| Investment income:                                                                   |                             |               |
| Dividends and interest                                                               | \$4,102,360                 | \$9,972,737   |
| Net realized and unrealized appreciation (depreciation) in fair value of investments | (54,044,983 )               | 5,384,670     |
|                                                                                      | (49,942,623 )               | 15,357,407    |
| Contributions:                                                                       |                             |               |
| Participants'                                                                        | 17,376,407                  | 18,449,991    |
| Employer's                                                                           | 3,320,965                   | 3,127,569     |
|                                                                                      | 20,697,372                  | 21,577,560    |
| Total additions (subtractions)                                                       | (29,245,251 )               | 36,934,967    |
| Deductions from net assets attributed to:                                            |                             |               |
| Withdrawals and distributions                                                        | 13,130,916                  | 9,533,415     |
| Administrative expenses                                                              | 13,478                      | 14,620        |
| Total deductions                                                                     | 13,144,394                  | 9,548,035     |
| Net increase (decrease) prior to transfers                                           | (42,389,645 )               | 27,386,932    |
| Transfer of assets to the Plan                                                       | 74,767                      | 266,828       |
| Net increase (decrease) in net assets                                                | (42,314,878 )               | 27,653,760    |
| Net assets available for benefits:                                                   |                             |               |
| Beginning of year                                                                    | 161,797,937                 | 134,144,177   |
| End of year                                                                          | \$119,483,059               | \$161,797,937 |

See accompanying notes.

Table of Contents

TRIMBLE NAVIGATION SAVINGS AND RETIREMENT PLAN  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2008 AND 2007

NOTE 1 - THE PLAN AND ITS SIGNIFICANT ACCOUNTING POLICIES

General - The following description of the Trimble Navigation Savings and Retirement Plan (the "Plan") provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

The Plan is a defined contribution plan that was established in 1988 by Trimble Navigation Limited (the "Company") to provide benefits to eligible employees. The Plan administrator believes that the Plan is currently designed to be qualified under the applicable requirements of the Internal Revenue Code, as amended and the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"), as amended.

During 2008 and 2007, the Company acquired several companies that sponsored a 401(K) plan. Each of the plans sponsored by these companies was resolved to be terminated and each of the employees hired by the Company was made eligible to participate in the Plan and rollover existing balances from the former plan to the Plan. Participant loans of acquired 401(K) plans that have been assumed by the Plan have been presented as a transfer to the Plan on the Statement of Changes in Net Assets.

Administration - The Company has appointed an Administrative Committee (the "Committee") to manage the operation and administration of the Plan. The Company contracted with Fidelity Management Trust Company ("Fidelity") to act as the custodian and trustee, and with an affiliate of Fidelity to act as the third-party administrator. Substantially all expenses incurred for administering the Plan are paid by the Company.

Estimates - The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

Basis of accounting - The financial statements of the Plan are prepared on the accrual method of accounting in accordance with accounting principles generally accepted in the United States of America.

Investments - Investments of the Plan are held by Fidelity and invested in mutual funds and the Company's common stock based solely upon instructions received from participants.

The Plan's investments in mutual funds and the Company's common stock are valued at fair value as of the last day of the Plan year, as measured by quoted market prices. Participant loans are valued at cost, which approximates fair value.

Table of Contents

Income taxes - The Plan has been amended since receiving its latest favorable determination letter dated September 10, 2002. The Plan has applied for, but not yet received, an updated favorable determination letter. The Company believes that the Plan is operated in accordance with, and qualifies under, the applicable requirements of the Internal Revenue Code, as amended and related state statutes, and that the trust, which forms part of the Plan is exempt from federal income and state franchise taxes.

Risks and uncertainties - The Plan provides for various investment options in any combination of investment securities offered by the Plan. In addition, Company common stock is included in the Plan. Investment securities are exposed to various risks, such as interest rate, market fluctuations and credit risks. Due to the risk associated with certain investment securities, it is at least reasonably possible that changes in market values, interest rates or other factors in the near term would materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits and the statements of changes in net assets available for benefits.

NOTE 2 - FAIR VALUE DISCLOSURES

As of January 1, 2008, the Plan adopted Statement of Financial Accounting Standards No. 157, Fair Value Measurements (SFAS 157). SFAS 157 clarifies the definition of fair value, establishes a framework for measuring fair value, and expands the disclosures for fair value measurements. The standard applies under other accounting pronouncements that require or permit fair value measurements and does not require any new fair value measurements. The provisions of SFAS 157 are effective prospectively for periods beginning January 1, 2008 for financial assets. The implementation of the provisions of SFAS 157 for financial assets as of January 1, 2008 did not have a material impact on the Plan's financial statements.

SFAS 157 provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. In general, fair values determined by Level 1 inputs use quoted prices in active markets for identical assets or liabilities that the Plan has the ability to access. Fair values determined by Level 2 inputs use other inputs that are observable, either directly or indirectly. These Level 2 inputs include quoted prices for similar assets and liabilities in active markets, and other inputs such as interest rates and yield curves that are observable at commonly quoted intervals. Level 3 inputs are unobservable inputs, including inputs that are available in situations where there is little, if any, market activity for the related asset or liability. In instances where inputs used to measure fair value fall into different levels of the fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation. The Plan's assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset or liability.

Following are the major categories of assets measured at fair value on a recurring basis at December 31, 2008:



Table of Contents

| INVESTMENTS:      | Investment Assets at Fair Value as of December 31, 2008 |         |              |                |
|-------------------|---------------------------------------------------------|---------|--------------|----------------|
|                   | Level 1                                                 | Level 2 | Level 3      | Total          |
| Common stock      | \$ 13,336,153                                           | \$-     | \$-          | \$ 13,336,153  |
| Mutual funds      | 104,377,484                                             | -       | -            | 104,377,484    |
| Participant loans | -                                                       | -       | 1,769,422    | 1,769,422      |
| Total investments | \$ 117,713,637                                          | \$-     | \$ 1,769,422 | \$ 119,483,059 |

The table below sets forth a summary of changes in the fair value of the Plan's level 3 assets for the year ended December 31, 2008.

|                                                                                    | Level 3 Assets                     |
|------------------------------------------------------------------------------------|------------------------------------|
|                                                                                    | Year Ended<br>December 31,<br>2008 |
|                                                                                    | Participant<br>loans               |
| Balance, beginning of year                                                         | \$ 1,419,933                       |
| Realized gains/(losses)                                                            | -                                  |
| Unrealized gains/(losses) relating to instruments still held at the reporting date | -                                  |
| Purchases, sales, issuances and settlements (net)                                  | 349,489                            |
| Balance, end of year                                                               | \$ 1,769,422                       |

## NOTE 3 - RELATED PARTY AND PARTY IN INTEREST TRANSACTIONS

Certain Plan investments are managed by an affiliate of Fidelity, the trustee of the Plan. Any purchases and sales of these funds are performed in the open market at fair value. Such transactions, while considered party-in-interest transactions under ERISA regulations, are permitted under the provisions of the Plan and are specifically exempt from the prohibition of party-in-interest transactions under ERISA.

As allowed by the Plan, participants may elect to invest a portion of their accounts in the common stock of the Company. Aggregate investment in Company common stock at December 31, 2008 and 2007 was as follows:

| Date | Number of shares | Fair value    | Cost         |
|------|------------------|---------------|--------------|
| 2008 | 616,962          | \$ 13,336,153 | \$ 7,846,903 |
| 2007 | 605,251          | \$ 18,305,293 | \$ 6,768,254 |

Table of Contents

NOTE 4 - PARTICIPATION AND BENEFITS

Participant contributions - Participants may elect to have the Company contribute from 1% to 50% of their eligible pre-tax compensation up to the amount allowable under current income tax regulations. Participants who elect to have the Company contribute a portion of their compensation to the Plan agree to accept an equivalent reduction in taxable compensation. Contributions withheld are invested in accordance with the participants' direction.

Participants are also allowed to make rollover contributions of amounts received from other tax-qualified employer-sponsored retirement plans. Such contributions are deposited in the appropriate investment funds in accordance with the participant's direction and the Plan's provisions.

Employer contributions - The Company is allowed to make matching contributions as defined in the Plan and as approved by the Board of Directors. For 2008 and 2007, the Company matched 50% of the participant's contribution up to 5% of eligible compensation with a maximum of \$2,500 per year. Contributions for the years ended December 31, 2008 and 2007 were approximately \$3,321,000 and \$3,128,000 respectively.

Vesting - Participants are immediately vested in their entire account, including employer matching contributions.

Participant accounts - Each participant's account is credited with the participant's contribution, Plan earnings or losses and an allocation of the Company's contribution, if any. Allocation of the Company's contribution is based on participant contributions and eligible compensation, as defined in the Plan.

Payment of benefits - Upon termination, each participant or beneficiary may elect to leave their account balance in the plan, or receive their total benefits in a lump sum amount equal to the value of the participant's interest in their account. The Plan allows for automatic lump sum distribution of participant account balances that do not exceed \$1,000.

Loans to participants - The Plan allows each participant to borrow not less than \$1,000 and up to the lesser of \$50,000 or 50% of their account balance. The loans are secured by the participant's balance. Such loans bear interest at the available market financing rates and must be repaid to the Plan within a five-year period, unless the loan is used for the purchase of a principal residence in which case the maximum repayment period is ten years. The specific terms and conditions of such loans are established by the Committee. Outstanding loans at December 31, 2008 carry interest rates ranging from 4% to 9.5%.

NOTE 5 - INVESTMENTS

The following table presents the fair values of investments and investment funds that include 5% or more of the Plan's net assets at December 31:

Table of Contents

|                                                     | 2008                  | 2007                  |
|-----------------------------------------------------|-----------------------|-----------------------|
| Pimco Total Return Fund                             | \$ 7,909,945          | \$ 5,001,222          |
| Trimble Navigation Limited Common Stock             | 13,336,153            | 18,305,293            |
| Fidelity Magellan Fund                              | 3,849,522             | 8,587,248             |
| Fidelity Contra Fund                                | 14,900,902            | 24,627,167            |
| Fidelity Balanced Fund                              | 10,230,094            | 15,419,032            |
| Fidelity Diversified International Fund             | 9,303,287             | 17,931,815            |
| Fidelity Dividend Growth Fund                       | 4,809,398             | 8,757,854             |
| Fidelity Retirement Money Market Fund               | 25,800,537            | 19,598,445            |
| Other funds individually less than 5% of net assets | 29,343,221            | 43,569,861            |
| <b>Assets held for investment purposes</b>          | <b>\$ 119,483,059</b> | <b>\$ 161,797,937</b> |

The Plan's investments, including gains and losses on investments bought and sold, as well as held during the year, appreciated (depreciated) in value as follows for the years ended December 31:

|              | 2008                   | 2007                |
|--------------|------------------------|---------------------|
| Common stock | \$ (4,807,706 )        | \$ 2,769,183        |
| Mutual funds | (49,237,277)           | 2,615,487           |
|              | <b>\$ (54,044,983)</b> | <b>\$ 5,384,670</b> |

## NOTE 6 - PLAN TERMINATION OR MODIFICATION

The Company intends to continue the Plan indefinitely for the benefit of its employees; however, it reserves the right to terminate or modify the Plan at any time by resolution of its Board of Directors and subject to the provisions of ERISA.

Table of Contents

SUPPLEMENTAL SCHEDULE  
 TRIMBLE NAVIGATION SAVINGS AND RETIREMENT PLAN  
 Schedule H, Line 4i - Schedule of Assets (Held at the End of Year)

Employer Identification Number 94-2802192

Plan Number: 001

December 31, 2008

| Identity of issue, borrower,<br>lessor or similar party | Description of investment including<br>maturity date, rate of interest,<br>collateral, par or maturity value | Current<br>value |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------|
| PIMCO Total Return Fund                                 | Mutual Fund                                                                                                  | \$ 7,909,945     |
| WFA Common Stock Z Fund                                 | Mutual Fund                                                                                                  | 2,216,295        |
| Weitz Partners Value Fund                               | Mutual Fund                                                                                                  | 2,116,744        |
| Vanguard Target Retirement Fund 2005                    | Mutual Fund                                                                                                  | 208,012          |
| Vanguard Target Retirement Fund 2010                    | Mutual Fund                                                                                                  | 117,701          |
| Vanguard Target Retirement Fund 2015                    | Mutual Fund                                                                                                  | 710,669          |
| Vanguard Target Retirement Fund 2020                    | Mutual Fund                                                                                                  | 935,298          |
| Vanguard Target Retirement Fund 2025                    | Mutual Fund                                                                                                  | 431,937          |
| Vanguard Target Retirement Fund 2030                    | Mutual Fund                                                                                                  | 221,094          |
| Vanguard Target Retirement Fund 2035                    | Mutual Fund                                                                                                  | 469,143          |
| Vanguard Target Retirement Fund 2040                    | Mutual Fund                                                                                                  | 232,011          |
| Vanguard Target Retirement Fund 2045                    | Mutual Fund                                                                                                  | 314,527          |
| Vanguard Target Retirement Fund 2050                    | Mutual Fund                                                                                                  | 124,454          |
| Vanguard Target Retirement Inc Fund                     | Mutual Fund                                                                                                  | 67               |
| * Fidelity Fund                                         | Mutual Fund                                                                                                  | 1,242,799        |
| * Fidelity Magellan Fund                                | Mutual Fund                                                                                                  | 3,849,522        |
| * Fidelity Contra Fund                                  | Mutual Fund                                                                                                  | 14,900,902       |
| * Fidelity Balanced Fund                                | Mutual Fund                                                                                                  | 10,230,094       |
| * Fidelity Equity Income II Fund                        | Mutual Fund                                                                                                  | 2,531,951        |
| * Fidelity Aggressive Growth Fund                       | Mutual Fund                                                                                                  | 3,191,581        |
| * Fidelity Diversified International Fund               | Mutual Fund                                                                                                  | 9,303,287        |
| * Fidelity Dividend Growth Fund                         | Mutual Fund                                                                                                  | 4,809,398        |
| * Fidelity Retirement Money Market Fund                 | Mutual Fund                                                                                                  | 25,800,539       |
| * Fidelity Low Price Stock Fund                         | Mutual Fund                                                                                                  | 4,662,321        |
| * Fidelity Capital Appreciation Fund                    | Mutual Fund                                                                                                  | 3,821,022        |
| * Spartan US Equity Index Fund                          | Mutual Fund                                                                                                  | 3,653,761        |
| * Royce PA Mutual Investment                            | Mutual Fund                                                                                                  | 372,410          |
| * Trimble Navigation Limited                            | Common Stock                                                                                                 | 13,336,153       |
| * Participant loans                                     | Interest rates ranging from 4% to 9.5%                                                                       | 1,769,422        |
|                                                         | Total                                                                                                        | \$ 119,483,059   |

\* Party-in-interest



Table of Contents

SUPPLEMENTAL SCHEDULE  
TRIMBLE NAVIGATION SAVINGS AND RETIREMENT PLAN  
Schedule H, Line 4a – Schedule of Non-exempt Transactions

Employer Identification Number 94-2802192  
Plan Number: 001

For the year ended December 31, 2008

| Identity of party involved | Relationship | Description                                         | Amount |
|----------------------------|--------------|-----------------------------------------------------|--------|
| Trimble Navigation Limited | Plan Sponsor | Delinquent contributions and loan repayments (2007) | \$69   |

Table of Contents

SIGNATURE

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: June 23, 2009

By: /s/ STEVEN W.  
BERGLUND  
Steven W. Berglund  
Title: President and Chief Executive Officer  
Trimble Navigation Limited

On behalf of the administrator of the  
Trimble Navigation Savings and  
Retirement Plan