TRIMBLE NAVIGATION LTD /CA/ Form 11-K June 23, 2008

As filed with the Securities and Exchange Commission on June 23, 2008

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 11-K

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

For the fiscal year ended December 31, 2007

or

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

to

For the transition period from

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

TRIMBLE NAVIGATION SAVINGS AND RETIREMENT PLAN Financial Statements and Supplemental Schedules Years ended December 31, 2007 and 2006

Table of Contents

	Page
Report of Independent Registered Public Accounting Firm	1
Audited Financial Statements:	
Statements of Net Assets Available for Benefits	2
Statements of Changes in Net Assets Available for Benefits	3
Notes to Financial Statements	4
Supplemental Schedules as of and for the year ended December 31, 2007	
Schedule H, Line 4i - Schedule of Assets (Held at the End of Year)	8
Schedule H, Line 4a – Schedule of Non-exempt Transactions	9
Exhibit 23 – Consent of Independent Registered Public Accounting Firm	

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, 2007 and 2006, 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, 2007 and 2006, 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, 2008

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

	Decem	ber 31,
	2007	2006
Assets:		
Investments, at fair value	\$160,378,004	\$132,726,407
Participant loans	1,419,933	1,329,837
Assets held for investment purposes	161,797,937	134,056,244
Participants' contribution receivable	-	- 21,731
Employer's contribution receivable	-	- 5,185
Other receivables	-	- 61,017
Net assets available for benefits	\$161,797,937	\$134,144,177
See accompanying notes.		
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TRIMBLE NAVIGATION SAVINGS AND RETIREMENT PLAN STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

		Years ended December 31,		
		2007		2006
Additions to net assets attributed to: Investment income:				
Dividends and interest	\$	9,972,737	\$	9,480,579
Net realized and unrealized appreciation in fair value of investments	Ψ	5,384,670	Ψ	7,777,794
		-,,		.,,
		15,357,407		17,258,373
Contributions:				
Participants'		18,449,991		11,114,822
Employer's		3,127,569		2,469,807
		A1 577 540		10 504 600
		21,577,560		13,584,629
Total additions		36,934,967		30,843,002
		30,934,907		30,843,002
Deductions from net assets attributed to:				
Withdrawals and distributions		9,533,415		8,608,897
Administrative expenses		14,620		7,190
1				
Total deductions		9,548,035		8,616,087
Net increase prior to transfers		27,386,932		22,226,915
Transfer of assets to the Plan:		266,828		
Nut in motor to		27 (52 7(0		22 226 015
Net increase in net assets		27,653,760		22,226,915
Net assets available for benefits:				
Beginning of year		134,144,177	1	11,917,262
		131,111,177		11,917,202
End of year	\$	161,797,937	\$1	34,144,177
See accompanying notes.				

Table of Contents

TRIMBLE NAVIGATION SAVINGS AND RETIREMENT PLAN NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2007 AND 2006

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.

In February 2007, the Company acquired @Road, Inc. (@Road). As a result, the @Road, Inc. 401(k) plan (the @Road Plan) was resolved to be terminated. Effective as of February 16, 2007, employees of @Road were made eligible to participate in the Plan and roll over existing balances from the @Road Plan into the Plan.

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 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 statues, 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 - 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, 2007 and 2006 was as follows:

	Number of		
Date	shares	Fair value	Cost
2007	605,251	\$18,305,293	\$6,768,254
2006	281,306	\$14,271,732	\$4,601,430

NOTE 3 - PARTICIPATION AND BENEFITS

Participant contributions - Participants may elect to have the Company contribute from 1% to 18% 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.

Table of Contents

Employer contributions - The Company is allowed to make matching contributions as defined in the Plan and as approved by the Board of Directors. For 2007 and 2006, 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, 2007 and 2006 were approximately \$3,128,000 and \$2,470,000 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, 2007 carry interest rates ranging from 5% to 11.5%.

NOTE 4 - 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:

2007	,	2006	
\$	18,305,293	\$	14,271,732
	8,587,248		8,068,542
	24,627,167		20,389,372
	15,419,032		13,734,721
	7,830,243		7,990,367
	13,261,486		
	8,757,854		8,933,176
	19,598,445		16,075,296
	40,740,840		31,331,552
\$	161,797,937	\$	134,056,244
	\$	$\begin{array}{c} 8,587,248\\ 24,627,167\\ 15,419,032\\ 7,830,243\\ 13,261,486\\ 8,757,854\\ 19,598,445\\ 40,740,840\\ \end{array}$	\$ 18,305,293 \$ 8,587,248 24,627,167 15,419,032 7,830,243 13,261,486 8,757,854 19,598,445 40,740,840

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

2007 2006)6	
\$	2,769,183	\$	4,682,852
	2,615,487		3,094,942
\$	5,384,670		7,777,794
	\$	\$ 2,769,183 2,615,487	\$ 2,769,183 \$ 2,615,487

NOTE 5 - 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.

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, 2007

Identity of issue, borrower, lessor or similar party	Description of investment including maturity date, rate of interest, collateral, par or maturity value	Current value
PIMCO Total Return	Mutual Fund	\$ 5,001,222
WFA Common Stock Z	Mutual Fund	3,272,032
Weitz Partners Value Fund	Mutual Fund	3,572,282
Vanguard Target Retirement 2005	Mutual Fund	71,452
Vanguard Target Retirement 2010	Mutual Fund	196,603
Vanguard Target Retirement 2015	Mutual Fund	778,754
Vanguard Target Retirement 2020	Mutual Fund	442,711
Vanguard Target Retirement 2025	Mutual Fund	298,314
Vanguard Target Retirement 2030	Mutual Fund	211,667
Vanguard Target Retirement 2035	Mutual Fund	223,995
Vanguard Target Retirement 2040	Mutual Fund	126,249
Vanguard Target Retirement 2045	Mutual Fund	212,745
Vanguard Target Retirement 2050	Mutual Fund	65,167
Pennsylvania Mutual Investment	Mutual Fund	11,831
Fidelity Fund	Mutual Fund	1,790,286
Fidelity Magellan Fund	Mutual Fund	8,587,248
Fidelity ContraFund	Mutual Fund	24,627,167
Fidelity Balanced Fund	Mutual Fund	15,419,032
Fidelity Equity Income II Fund	Mutual Fund	4,216,715
Fidelity Aggressive Growth Fund	Mutual Fund	6,820,175
Fidelity Diversified International Fund	Mutual Fund	17,931,815
Fidelity Dividend Growth Fund	Mutual Fund	8,757,854
Fidelity Retirement Money Market Fund	Mutual Fund	19,598,445
Fidelity Low Price Stock Fund	Mutual Fund	7,830,243
Fidelity Capital Appreciation	Mutual Fund	6,463,502
Fidelity Retirement Government Fund	Mutual Fund	4,320
Spartan US Equity Index Fund	Mutual Fund	5,540,885
Trimble Navigation Limited	Common Stock (605,251 shares)	18,305,293
Participant loans	Interest rates ranging from 5% to 11.5%	1,419,933
	Total	\$ 161,797,937

* Party-in-interest

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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, 2007

	Identity of party involved	Relationship	Description		Amount	
Tri	mble Navigation Limited	Plan Sponsor	Delinquent contributions and loan repayments (2006) Delinquent contributions and loan	\$	21,779	
Tri	mble Navigation Limited	Plan Sponsor	repayments (2007)		69	
			Total	\$	21,848	
9						

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, 2008

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