

FORM 11-K
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON D.C. 20549

ANNUAL REPORT

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

For the fiscal year ended December 31, 1995:

A. Full title of Plan:

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
645 N. Mary Avenue
Post Office Box 3642
Sunnyvale, CA 94088-3642

ITEM 1. CHANGES IN THE PLAN

During 1995, there were no amendments to the Plan.

ITEM 2. CHANGES IN INVESTMENT POLICY

During the 1995 fiscal year, there were no changes in the Company investment options with respect to the funds held under the Plan.

ITEM 3. CONTRIBUTIONS UNDER THE PLAN

Trimble Navigation Limited makes discretionary matching cash contributions to the Plan. The Company's contributions are based on employee contributions up to a maximum and are allocated ratably among participants based upon the participant's contributions to the Plan. For purposes of allocation of benefits, participant contributions in excess of \$1,200 are excluded. Company contributions made during the 1995 and 1994 fiscal year were approximately \$820,000 and \$664,000, respectively.

ITEM 4. PARTICIPATING EMPLOYEES

The Plan had approximately 800 participating employees at December 31, 1995.

ITEM 5. ADMINISTRATION OF THE PLAN

The Plan is administrated by the Company. The trustee of the Plan during 1995 was American Stock Transfer & Trust Company. The Company has contracted with a third-party administrator to process and maintain records of participant data.

Name of trustee	Address
American Stock Transfer & Trust Company	40 Wall Street, 46th Floor New York, NY 10005

ITEM 6. CUSTODIAN OF INVESTMENTS

Plan assets are held by the following respective investment managers:

UNUM Corporation, 2211 Congress Street, Portland, Maine 04122
Schaeffer Value Fund, Inc., 645 Fifth Avenue, New York, NY 10022
Linder Dividend Fund, 7711 Carondelet Ave., Ste. 700, P.O. Box 11208,
St. Louis, MO 63105

Fidelity Distributors Corp., 82 Devonshire St., Boston, MA 02109
AIM Equity Funds, Inc., 11 Greenway Plaza, Ste. 1919, Houston, TX
77046-1173

Berger Associates, Inc., P.O. Box 5005, Denver, CO 80217
Janus Fund, P.O. Box 173375, Denver, CO 80217
Twentieth Century Mutual Fund, P.O. Box 419200, MO 64141
Trimble Stock Fund, 645 N. Mary Avenue, Sunnyvale, CA 94086

During the year ended December 31, 1995, the Plan did not pay any compensation to the custodians of investments, as all fees are paid by the Company.

ITEM 7. REPORTS TO PARTICIPATING EMPLOYEES

Participants receive quarterly reports summarizing the transactions and market value changes.

ITEM 8. INVESTMENT OF FUNDS

No brokerage fees were paid to any party on behalf of the Plan.

ITEM 9. FINANCIAL STATEMENTS AND EXHIBITS

- a) Financial statements - Audited financial statements of the Trimble Navigation Savings and Retirement Plan as of December 31, 1995 and 1994.
- b) Exhibit 1 - Consent of Mohler, Nixon & Williams Independent Accountants

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the administrator has duly caused this annual report to be signed by the undersigned thereunto duly authorized.

TRIMBLE NAVIGATION
SAVINGS AND RETIREMENT PLAN

May 31, 1996

By /s/ CHARLES R. TRIMBLE

Charles R. Trimble

TRIMBLE NAVIGATION
SAVINGS AND RETIREMENT PLAN
FINANCIAL STATEMENTS
DECEMBER 31, 1995 AND 1994

TRIMBLE NAVIGATION
SAVINGS AND RETIREMENT PLAN

Financial Statements and
Form 5500 Supplemental Schedule G

Years ended December 31, 1995 and 1994

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INDEPENDENT ACCOUNTANTS' REPORT

We were engaged to audit the financial statements and supplemental schedules of Trimble Navigation Savings and Retirement Plan (the Plan) as of December 31, 1995 and 1994, and for the years then ended and 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 generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. 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 plan benefits of the Plan as of December 31, 1995 and 1994, and the changes in net assets available for plan benefits for the years then ended in conformity with generally accepted accounting principles.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental information included in Schedule G - Financial Schedules (IRS Form 5500) 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 information has been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the financial statements taken as a whole.

/s/ MOHLER, NIXON & WILLIAMS

MOHLER, NIXON & WILLIAMS
Accountancy Corporation

Campbell, California
May 31, 1996

CONSENT OF INDEPENDENT ACCOUNTANTS

We consent to the use of our name on our report, dated May 31, 1996, with respect to the financial statements and schedules of the Trimble Navigation Savings and Retirement Plan for the years ended December 31, 1995 and 1994, included in the Annual Report on Form 11-K which is filed electronically with the Securities and Exchange Commission.

/s/ MOHLER, NIXON & WILLIAMS

MOHLER, NIXON & WILLIAMS
Accountancy Corporation

Campbell, California
May 31, 1996

TRIMBLE NAVIGATION
SAVINGS AND RETIREMENT PLAN

STATEMENT OF NET ASSETS AVAILABLE FOR PLAN BENEFITS

	December 31,	
	1995	1994
Cash	\$122,452	\$64,979
Investments, at contract value	7,590,325	5,926,737
Investments, at fair value	15,418,944	9,718,120
	-----	-----
Assets held for investment purposes	\$23,131,721	\$15,709,836
	=====	=====

See Independent accountants' report and
accompanying notes to financial statements.

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

For the years ended December 31, 1995 and 1994

	Cash	GIC Fund	Janus Fund	Twentieth Century Growth Fund	Trimble Stock Fund	Aim Aggressive Fund	Subtotal
	-----	-----	-----	-----	-----	-----	-----
Net assets available for Plan benefits at December 31, 1993	\$ 27,035	\$5,069,129	\$2,457,661	\$1,714,306	\$1,262,984		\$10,531,115
Participants' contributions/rollovers		1,249,355	633,641	421,490	321,720	179,848	2,806,054
Employer contribution		323,403	124,005	79,153	72,517	34,446	633,524
Withdrawals/distributions		(222,583)	(191,268)	(143,575)	(59,498)	(2,062)	(618,986)
Dividends and interest		374,081					374,081
Net appreciation (depreciation) in fair value of investments			(27,849)	(24,133)	1,188,304	89,807	1,226,129
Net loan activities		(157,018)	(64,356)	(12,033)	17,267	7,363	(208,777)
Transfers in/out	37,944	(709,630)	(410,815)	(1,142,485)	(2,273)	1,091,496	(1,135,763)
Increase (decrease) in net assets	37,944	857,608	63,358	(821,583)	1,538,037	1,400,898	3,076,262
Net assets available for Plan benefits at December 31, 1994	64,979	5,926,737	2,521,019	892,723	2,801,021	1,400,898	13,607,377
Participants' contributions/rollovers		1,369,149	509,605	129	541,919	1,054,615	3,475,417
Employer contribution		322,666	90,272		88,162	176,974	678,074
Withdrawals/distributions		(288,416)	(54,656)	(95,534)	(182,892)	(53,733)	(675,231)
Dividends and interest		424,347					424,347
Net appreciation in fair value of investments			768,921	159,825	309,028	826,138	2,063,912
Net loan activities		(179,019)	(88,826)	(9,494)	(22,049)	(54,527)	(353,915)
Transfers in/out	57,473	14,861	(123,740)	(145,196)	(595,302)	537,678	(254,226)
Increase (decrease) in net assets	57,473	1,663,588	1,101,576	(90,270)	138,866	2,487,145	5,358,378
Net assets available for Plan benefits at December 31, 1995	\$ 122,452	\$7,590,325	\$3,622,595	\$802,453	\$2,939,887	\$3,888,043	\$18,965,755
	=====	=====	=====	=====	=====	=====	=====

See Independent accountants' report and
accompanying notes to financial statements.

TRIMBLE NAVIGATION
SAVINGS AND RETIREMENT PLAN

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR PLAN BENEFITS

For the years ended December 31, 1995 and 1994

	Subtotal	Linder Dividend Fund	Fidelity Bond Fund	Berger 100 Fund	Schaeffer Value Fund	Participant Loans	Total
	-----	-----	-----	-----	-----	-----	-----
Net assets available for Plan benefits at December 31, 1993	\$10,531,115					\$ 564,536	\$11,095,651
Participants' contributions/rollovers	2,806,054	\$ 17,314	\$ 42,237	\$ 35,389	\$ 78,806		2,979,800
Employer contribution	633,524	3,949	8,428	6,832	11,343		664,076
Withdrawals/distributions	(618,986)					(45,867)	(664,853)
Dividends and interest	374,081					46,590	420,671
Net appreciation (depreciation) in fair value of investments	1,226,129	(2,589)	(3,138)	(2,955)	(2,956)		1,214,491
Net loan activities	(208,777)	4,303	3,946	1,825	5,899	192,804	-
Transfers in/out	(1,135,763)	143,180	292,884	293,060	406,639		-
Increase (decrease) in net assets	3,076,262	166,157	344,357	334,151	499,731	193,527	4,614,185
Net assets available for Plan benefits at December 31, 1994	13,607,377	166,157	344,357	334,151	499,731	758,063	15,709,836
Participants' contributions/rollovers	3,475,417	96,489	262,938	188,211	276,700		4,299,755
Employer contribution	678,074	16,314	41,125	32,880	51,700		820,093
Withdrawals/distributions	(675,231)	(7,769)	(8,733)	(8,353)	(8,391)	(18,063)	(726,540)
Dividends and interest	424,347					77,974	502,321
Net appreciation in fair value of investments	2,063,912	47,308	93,926	96,885	224,225		2,526,256
Net loan activities	(353,915)	10,379	11,851	5,553	3,663	322,469	-
Transfers in/out	(254,226)	25,208	53,647	51,119	124,252		-
Increase (decrease) in net assets	5,358,378	187,929	454,754	366,295	672,149	382,380	7,421,885
Net assets available for Plan benefits at December 31, 1995	\$18,965,755	\$354,086	\$799,111	\$700,446	\$1,171,880	\$1,140,443	\$23,131,721
	=====	=====	=====	=====	=====	=====	=====

See Independent accountants' report and
accompanying notes to financial statements.

TRIMBLE NAVIGATION
SAVINGS AND RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

December 31, 1995 and 1994

NOTE 1 - THE PLAN AND ITS SIGNIFICANT ACCOUNTING POLICIES:

The following description of the Trimble Navigation Savings and Retirement Plan (the Plan) provides only general information. Participants should refer to the Plan agreement 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 covers all full-time employees of the Company who are not covered by a collective bargaining agreement.

The Plan administrator believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the Internal Revenue Code and the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

ADMINISTRATION -

The Company contracted with American Stock Transfer & Trust Company to act as the trustee as of October 1994. The Company has appointed an Administrative Committee (the Committee) to control the operation and administration of the Plan. A third-party administrator, appointed by the Committee, processes and maintains the records of participant data. Effective January 1996, the Company contracted with Connecticut General Life Insurance Company (CIGNA) to act as third-party administrator and trustee. All expenses incurred for administering the funds are paid by the Company.

INVESTMENTS -

Investments of the Plan at December 31, 1995 were held by American Stock Transfer & Trust Company and invested in various mutual funds, guaranteed investment contracts, and the Company's common stock, based solely upon instructions received from participants. For the Plan's investment in guaranteed investment contracts, the contracts are credited with interest at the rate specified in the contract, which ranged from 6.5% to 8.97% for the years ended December 31, 1995 and 1994. Effective January 1996, investments of the Plan were held by CIGNA and invested in various mutual funds, by AIM Aggressive Fund, and by National Financial Services and invested in the Company's common stock. Plan assets are valued at fair value as of the last day of the Plan year, as measured by quoted market prices, or contract value based on the terms of the contract.

VESTING -

Participants are immediately vested in their salary deferral, rollover contributions, related earnings, and employer's matching contributions.

INCOME TAXES -

The Plan has received a favorable determination letter dated November 28, 1995. The Plan Committee believes the Plan qualifies under the applicable requirements of the Internal Revenue Code and related state statutes, and is exempt from federal income and state franchise taxes.

RISKS AND UNCERTAINTIES -

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

STATEMENT OF POSITION 94-4 -

The Company is required to adopt Statement of Position 94-4, "Reporting of Investment Contracts Held by Health and Welfare Benefit Plans and Defined Contribution Pension Plans" (SOP 94-4), for the Plan year beginning January 1, 1996. Under the new reporting requirements, investment contracts without fully benefit-responsive features must be reported at fair value. The adoption of SOP 94-4 is not expected to have a material financial impact on the Plan.

NOTE 2 - PARTICIPATION AND BENEFITS:

EMPLOYEE CONTRIBUTIONS -

Participants may elect to have the Company contribute a percentage, from 1% to 18%, of their 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.

Participants are also allowed to make rollover contributions of amounts received from other 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. The Company matches 100% of each participant's contribution up to a maximum of \$1,200 per year. Contributions for the years ended December 31, 1995 and 1994 were approximately \$820,000 and \$664,000.

PARTICIPANT ACCOUNTS -

Each participant's account is credited with the participant's contribution, Plan earnings and an allocation of the Company's contribution, if any. Allocations of the Company contribution are based on the participant contributions.

PAYMENT OF BENEFITS -

Upon termination, the participant or beneficiary will receive benefits in a lump-sum amount equal to the value of the participant's vested interest in his or her account.

LOANS TO PARTICIPANTS -

The Plan allows participants to borrow up to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the participant's vested 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 residence in which case the maximum repayment period is ten years. The specific terms and conditions of such loans are established by the Plan Committee.

NOTE 3 - PARTY IN INTEREST TRANSACTIONS:

As allowed in 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, 1995 and 1994 was as follows:

Date ----	Number of shares -----	Fair value -----	Cost ----
1995	157,846	\$2,939,887	\$2,793,892
1994	170,643	\$2,801,021	\$1,634,510

During 1994, the Company allocated an additional 75,000 shares of Trimble Navigation Limited common stock for issuance under the Plan.

NOTE 4 - INVESTMENTS:

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

	1995 ----	1994 ----
Cash	\$ 122,452	\$ 64,979
GIC Fund	7,590,325	5,926,737
Janus Fund	3,622,595	2,521,019
Twentieth Century Growth Fund	802,453	892,723
Trimble Stock Fund	2,939,887	2,801,021
Aim Aggressive Fund	3,888,043	1,400,898
Linder Dividend Fund	354,086	166,157
Fidelity Bond Fund	799,111	344,357
Berger 100 Fund	700,446	334,151
Schaeffer Value Fund	1,171,880	499,731
Participant Loans	1,140,443	758,063
	-----	-----
Total	\$23,131,721 =====	\$15,709,836 =====

NOTE 5 - PLAN TERMINATION AND/OR MODIFICATION:

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

TRIMBLE NAVIGATION
SAVINGS AND RETIREMENT PLAN

FORM 5500

SUPPLEMENTAL SCHEDULE G

DECEMBER 31, 1995

TRIMBLE NAVIGATION
SAVINGS AND RETIREMENT PLAN

E.I.N.: 94-2802192
Plan #: 001

ITEM 27a, PART 1 - SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES

December 31, 1995

(a)	(b)	(c)	(d)	(e)
Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par or maturity	Cost	Current Value	
UNUM Life Insurance Company	Guaranteed Income Contract	\$1,082,197	\$1,082,197	
CIGNA	Guaranteed Income Contract	5,706,608	5,706,608	
Travelers	Guaranteed Income Contract	923,972	923,972	
Janus Fund	Equity Fund	3,097,068	3,622,595	
Twentieth Century Growth Fund	Equity Fund	778,127	802,453	
* Trimble Stock Fund	Company Stock	2,798,893	2,939,887	
Aim Aggressive Fund	Equity Fund	3,196,009	3,888,043	
Linder Fund	Equity Fund	331,008	354,086	
Fidelity Bond Fund	Equity Fund	760,935	799,111	
Berger 100 Fund	Equity Fund	643,308	700,446	
Schaeffer Value Fund	Equity Fund	999,436	1,171,880	
* Participant Loans (4.75% to 9.00%)	Loan Fund		1,140,443	
Total assets held for investment purposes			\$23,131,721	
* Parties-in-interest				

TRIMBLE NAVIGATION
SAVINGS AND RETIREMENT PLAN

E.I.N.: 94-2802192
Plan #: 001

ITEM 27d, PART V - SCHEDULE OF REPORTABLE TRANSACTIONS

For the year ended December 31, 1995

(a) Identity of party involved	(b) Description of asset (including interest rate and maturity in case of a loan)	(c) Purchase price	(d) Selling price
Janus Fund	Mutual Fund	\$980,973	
Aim Aggressive Fund	Mutual Fund	1,973,729	
Guaranteed Income Contract Fund	Group Annuity Contract	1,944,139	
Guaranteed Income Contract Fund	Group Annuity Contract		2,090,652
Trimble Stock		838,118	

(a) Identity of party involved	(e) Lease rental	(f) Expense incurred with transaction	(g) Cost of asset	(h) Current value of asset on transaction date	(i) Net gain or (loss)
Janus Fund			\$980,973	\$980,973	
Aim Aggressive Fund			1,973,729	1,973,729	
Guaranteed Income Contract Fund					
Guaranteed Income Contract Fund			2,090,652	2,090,652	
Trimble Stock			838,118	838,118	

CONSENT OF INDEPENDENT ACCOUNTANTS

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Trimble Navigation Savings and Retirement Plan of our report dated May 31, 1996, with respect to the financial statements and schedules of the Trimble Navigation Savings and Retirement Plan included in this Annual Report (Form 11-K) for the year ended December 31, 1995.

/s/ MOHLER, NIXON & WILLIAMS

MOHLER, NIXON & WILLIAMS
Accountancy Corporation

Campbell, California
May 31, 1996