

TRIMBLE NAVIGATION LTD /CA/  
Form SC 13G/A  
February 10, 2011

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 1)\*

Trimble Navigation Limited  
(Name of Issuer)

Common Stock  
(Title of Class of Securities)

896239100  
(CUSIP Number)

December 31, 2010  
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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- 1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)  
Capital Research Global Investors \*\*
  
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a)
  
- 3 SEC USE ONLY (b)
  
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION  
  
Delaware
  
- 5 SOLE VOTING POWER  
  
4,640,000
  
- 6 SHARED VOTING POWER  
  
NONE
  
- 7 SOLE DISPOSITIVE POWER  
  
4,640,000
  
- 8 SHARED DISPOSITIVE POWER  
  
NONE
  
- 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
  
4,640,000 Beneficial ownership disclaimed pursuant to Rule 13d-4
  
- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
  
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
  
3.9%
  
- 12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)  
  
IA

\*\* A division of Capital Research and Management Company (CRMC)

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SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

Schedule 13G  
Under the Securities Exchange Act of 1934

Amendment No. 1

Item 1(a) Name of Issuer:  
Trimble Navigation Limited

Item 1(b) Address of Issuer's Principal Executive Offices:  
935 Stewart Drive  
Sunnyvale, CA 94085

Item 2(a) Name of Person(s) Filing:  
Capital Research Global Investors

Item 2(b) Address of Principal Business Office or, if none,  
Residence:  
333 South Hope Street  
Los Angeles, CA 90071

Item 2(c) Citizenship: N/A

Item 2(d) Title of Class of Securities:  
Common Stock

Item 2(e) CUSIP Number:  
896239100

Item 3 If this statement is filed pursuant to sections 240.13d-1(b)  
or 240.13d-2(b) or (c), check whether the person filing is a:  
(e)  An investment adviser in accordance with  
section 240.13d-1(b) (1) (ii) (E).

Item 4 Ownership

Provide the following information regarding the aggregate  
number and percentage of the class of securities of the issuer  
identified in Item 1.

- (a) Amount beneficially owned:
- (b) Percent of class:
- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the vote:
  - (ii) Shared power to vote or to direct the vote:
  - (iii) Sole power to dispose or to direct the disposition of:
  - (iv) Shared power to dispose or to direct the disposition of:

See page 2

Capital Research Global Investors is deemed to be the

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beneficial owner of 4,640,000 shares or 3.9% of the 120,085,706 shares of Common Stock believed to be outstanding as a result of CRMC acting as investment adviser to various investment companies registered under Section 8 of the Investment Company Act of 1940.

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- Item 5 Ownership of Five Percent or Less of a Class. If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [X]
- Item 6 Ownership of More than Five Percent on Behalf of Another Person: N/A
- Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person: N/A
- Item 8 Identification and Classification of Members of the Group: N/A
- Item 9 Notice of Dissolution of Group: N/A
- Item 10 Certification

By signing below, I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 10, 2011

Signature: Timothy D. Armour\*\*\*  
Name/Title: Timothy D. Armour - Senior Vice President  
Capital Research Global Investors

\*\*\*By /s/ James P. Ryan  
James P. Ryan  
Attorney-in-fact

Signed pursuant to a Power of Attorney dated December 29, 2010 included as an Exhibit to Schedule 13G filed with the Securities and Exchange Commission by Capital Research Global Investors on January 10, 2011 with respect to Portfolio Recovery Associates, Inc.

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-width: 1; border-bottom-width: 1">1. Title of Security  
(Instr. 3) 2. Transaction Date (Month/Day/Year) 2A. Deemed Execution Date, if any (Month/Day/Year) 3. Transaction Code  
(Instr. 8) 4. Securities Acquired (A) or Disposed of (D)  
(Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following Reported Transaction(s)  
(Instr. 3 and 4) 6. Ownership Form: Direct (D) or Indirect (I)  
(Instr. 4) 7. Nature of Indirect Beneficial Ownership  
(Instr. 4) Code V Amount (A) or (D) Price Common Stock 07/21/2009 F 566 <sup>(1)</sup> D \$ 15.71 194,301 D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

SEC 1474  
(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
*(e.g., puts, calls, warrants, options, convertible securities)*

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 3)
				Code V (A) (D)		Date Exercisable Expiration Date	Title Amount or Number of Shares		

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WORTZMAN MITCHELL S 7720 N. DOBSON RD. SCOTTSDALE, AZ 85256			EVP	

## Signatures

Mitchell S  
Wortzman PhD

07/22/2009

\_\_Signature of Reporting  
Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Upon the vesting of 1,710 shares on July 21, 2009 under a restricted stock grant dated July 21, 2005, the reporting person had 566 shares withheld by the Company for personal tax liability withholding.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.  
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