

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20594

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.)*

Orbotech Limited

(Name of Issuer)

Ordinary Shares

(Title of Class of Securities)

68389P904

(CUSIP Number)

Check the following box if a fee is being paid with this statement [].
(A fee is not required only if the filing person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item 1; and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7).

*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).

95-4154357

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

California

5 SOLE VOTING POWER

1,927,500

6 SHARED VOTING POWER

NUMBER OF
SHARES

BENEFICIA
L
Y OWNED BY

EACH
REPORTING
PERSON WITH

NONE

7 SOLE DISPOSITIVE POWER

1,927,500

8 SHARED DISPOSITIVE POWER

NONE

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,927,500 Beneficial ownership disclaimed pursuant to Rule 13d-4

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

8.8%

12 TYPE OF REPORTING PERSON*

HC

*SEE INSTRUCTION BEFORE FILLING OUT!

1 NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
Capital International, Inc.
95-4154361

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a)
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION
California

5 SOLE VOTING POWER
NONE

NUMBER OF
SHARES
6 SHARED VOTING POWER
NONE

BENEFICIAALLY OWNED BY
EACH
REPORTING
PERSON WITH
7 SOLE DISPOSITIVE POWER
1,893,150

8 SHARED DISPOSITIVE POWER
NONE

9 AGGREGATE AMOUNT BENEFICIAALLY OWNED BY EACH REPORTING PERSON
1,893,150 Beneficial ownership disclaimed pursuant to Rule 13d-4

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
8.6%

12 TYPE OF REPORTING PERSON*
IA

*SEE INSTRUCTION BEFORE FILLING OUT!

CUSIP: 68389P904

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1 NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
Emerging Markets Growth Fund, Inc.

95-4026510

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Maryland

5 SOLE VOTING POWER

1,495,200

6 SHARED VOTING POWER

NUMBER OF
SHARES

NONE

BENEFICIA
L Y OWNED BY

7 SOLE DISPOSITIVE POWER

EACH
REPORTING

NONE

PERSON WITH

8 SHARED DISPOSITIVE POWER

NONE

9 AGGREGATE AMOUNT BENEFICIA LLY OWNED BY EACH REPORTING PERSON

1,495,200

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

6.8%

12 TYPE OF REPORTING PERSON*

IV

*SEE INSTRUCTION BEFORE FILLING OUT

Schedule 13G
Under the Securities Exchange Act of 1934

Amendment No.

Item 1(a) Name of Issuer:
Orbotech Limited

Item 1(b) Address of Issuer's Principal Executive Offices:
New Industrial Zone
P.O. Box 215
Yavne 81102
Israel

Item 2(a) Name of Person(s) Filing:
Capital Group International, Inc., Capital International, Inc.
and Emerging Markets Growth Fund, Inc.

Item 2(b) Address of Principal Business Office:
11100 Santa Monica Blvd.
Los Angeles, CA 90025

Item 2(c) Citizenship: N/A

Item 2(d) Title of Class of Securities:
Ordinary Shares

Item 2(e) CUSIP Number:
68389P904

Item 3 The person(s) filing is(are):

- (d) Investment Company registered under Section 8 of the Investment Company Act.
- (e) Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940.
- (g) Parent Holding Company in accordance with Section 240.13d-1(b)(1)(ii)(G).

Item 4 Ownership

Capital Group International, Inc. is the parent holding company of a group of investment management companies that hold investment power and, in some cases, voting power over the securities reported in this Schedule 13G. The investment management companies, which include a "bank" as defined in Section 3(a)(6) of the Securities Exchange Act of 1934 (the "Act") and several investment advisers registered under Section 203 of the Investment Advisers Act of 1940, provide investment advisory and management services for their respective clients which include registered investment companies and institutional accounts. Capital Group International, Inc. does not have investment power or voting power over any of the securities reported herein; however, Capital Group International, Inc. may be deemed to "beneficially own" such securities by virtue of Rule 13d-3 under the Act.

Capital International, Inc., an investment adviser registered under Section 203 of the Investment Advisers Act of 1940 is deemed to be the beneficial owner of 1,893,150 shares or 8.6% of the 21,900,000 shares of Ordinary Shares believed to be outstanding as a result of acting as investment adviser to various investment companies and institutional accounts.

Emerging Markets Growth Fund, Inc., an investment company registered under the Investment Company Act of 1940, which is advised by Capital International, Inc., is the beneficial owner of 1,495,200 shares or 6.8% of the 21,900,000 shares of Ordinary Shares believed to be outstanding.

Item 5 Ownership of 5% or Less of a Class: []

Item 6 Ownership of More than 5% 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

1.

Capital International Research and Management, Inc. dba Capital International, Inc. is an investment adviser registered under Section 203 of the Investment Advisers Act of 1940 and is a wholly owned subsidiary of Capital Group International, Inc.

2.

Capital International S.A. (CISA) does not fall within any of the categories described in Rule 13d-1-(b) (ii) (A-F) but its holdings of any reported securities come within the five percent limitation as set forth in a December 15, 1986 no-action letter from the Staff of the Securities and Exchange Commission to The Capital Group Companies, Inc. CISA is a wholly owned subsidiary of Capital Group International, Inc.

3.

Capital International Limited (CIL) does not fall within any of the categories described in Rule 13d-1-(b) (ii) (A-F) but its holdings of any reported securities come within the five percent limitation as set forth in a December 15, 1986 no-action letter from the Staff of the Securities and Exchange Commission to The Capital Group Companies, Inc. CIL is a wholly owned subsidiary of Capital Group International, Inc.

4.

Capital International, Inc. serves as investment adviser to Emerging Markets Growth Fund, Inc., an investment company registered under the Investment Company Act of 1940.

Item 8 Identification and Classification of Members of the Group:
N/A

Item 9 Notice of Dissolution of the Group: N/A

Item 10 Certification

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By signing below, I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such 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, 2000 (For the period ended
December 31, 1999)

Signature: *David I. Fisher
Name/Title: David I. Fisher, Chairman
Capital Group International, Inc.
Date: February 10, 2000 (For the period ended
December 31, 1999)

Signature: *David I. Fisher
Name/Title: David I. Fisher, Vice Chairman
Capital International, Inc.

Date: February 10, 2000 (For the period ended
December 31, 1999)

Signature: *David I. Fisher
Name/Title: David I. Fisher, Vice Chairman
Emerging Markets Growth Fund, Inc.

*By

Michael J. Downer
Attorney-in-fact

Signed pursuant to a Power of Attorney dated January 29, 1999 included as an Exhibit to Schedule 13G filed with the Securities and Exchange Commission by Capital Group International, Inc. on February 10, 2000 with respect to Acclaim Entertainment, Inc.

AGREEMENT

Los Angeles, CA
February 10, 2000

Capital Group International, Inc. ("CGII"), Capital International, Inc. ("CII"), Emerging Markets Growth Fund, Inc. ("EMGF") hereby agree to file a joint statement on Schedule 13G under the Securities Exchange Act of 1934 (the "Act") in connection with their beneficial ownership of Ordinary Shares issued by Orbotech Limited.

CGII, CII, EMGF state that they are each entitled to individually use Schedule 13G pursuant to Rule 13d-1(c) of the Act.

CGII, CII, EMGF are each responsible for the timely filing of the statement and any amendments thereto, and for the completeness and accuracy of the information concerning each of them contained therein but are not responsible for the completeness or accuracy of the information concerning the others.

CAPITAL GROUP INTERNATIONAL, INC.

BY: *David I. Fisher
David I. Fisher, Chairman
Capital Group International,
Inc.

CAPITAL INTERNATIONAL, INC.

BY: *David I. Fisher
David I. Fisher, Vice Chairman
Capital International, Inc.

EMERGING MARKETS GROWTH FUND, INC.

BY: *David I. Fisher
David I. Fisher, Vice Chairman
Emerging Markets Growth Fund,
Inc.

*By

Michael J. Downer
Attorney-in-fact

Signed pursuant to a Power of Attorney dated January 29, 1999
included as an Exhibit to Schedule 13G filed with the Securities
and Exchange Commission by Capital Group International, Inc. on
February 10, 2000 with respect to Acclaim Entertainment, Inc