

BOC GROUP PLC  
Form 20-F  
December 12, 2005

As filed with the Securities and Exchange Commission on December 12, 2005

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549**

**FORM 20-F**

Annual report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

For the fiscal year ended September 30, 2005  
Commission file number 0-10906

**THE BOC GROUP plc**

(Exact Name of Registrant as Specified in its Charter)

England and Wales  
(Jurisdiction of Incorporation or Organization)

Chertsey Road, Windlesham  
Surrey, GU20 6HJ  
England  
(Address of Principal Executive Offices)

Securities registered pursuant to Section 12(b) of the Act:  
None

Securities registered pursuant to Section 12(g) of the Act:

Ordinary Shares of 25p each  
(Title of Class)

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act:  
None

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of the close of the period covered by the annual report.

<b>Ordinary Shares (fully paid)</b>	<b>502,502,942</b>	<b>(25p units)</b>
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Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes:            No:

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934.

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Yes:            No:

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes:            No:

Indicate by check mark which financial statement item the registrant has elected to follow.

Item 17:            Item 18:

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes:            No:

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**ITEM 1. IDENTITY OF DIRECTORS, SENIOR MANAGEMENT AND ADVISERS**

Not applicable

**ITEM 2. OFFER STATISTICS AND EXPECTED TIMETABLE**

Not applicable.

**ITEM 3. KEY INFORMATION**

The information set forth under the headings "Group five year record" on pages 12 to 13, "Risk factors" on pages 38 to 39, "Financial review" Management of financial risks" on pages 56 to 57, "Financial review" on pages 62 to 63, "Notes to the financial statements" Note 30" on pages 133 to 137 and "Shareholder information" Dividends" on page 140 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM 4. INFORMATION ON THE COMPANY**

The information set forth on page 1, under the headings "Group profile" on pages 14 to 21, "Strategy" on page 22, "Social, environmental and ethical performance" on pages 26 to 35, "Research, development and information technology" on pages 36 to 37, "Operating review" on pages 40 to 54, "Notes to the financial statements" Note 12" on pages 113 to 114, "Group undertakings" on pages 138 to 139 and "Shareholder information" on page 145 and on the outside back cover of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM UNRESOLVED STAFF COMMENTS**

**4A.**

Not applicable.

**ITEM OPERATING AND FINANCIAL REVIEW AND PROSPECTS**

**5.**

The information set forth on page 1, under the headings "Strategy" on page 22, "Research, development and information technology" on pages 36 to 37, "Operating review" on pages 40 to 54, "Financial review" on pages 55 to 63, "Notes to the financial statements" Note 12(g)" on page 114, "Notes 20 to 26" on pages 119 to 127 and "Note 30(g)" on pages 135 to 136 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM DIRECTORS, SENIOR MANAGEMENT AND EMPLOYEES**

**6.**

The information set forth under the headings "Board of directors" on pages 8 to 9, "Executive management board" on pages 10 to 11, "Group five year record" Employees" on page 13, "Employees" on pages 23 and 25, "Corporate governance" on pages 64 to 71, "Report on remuneration" on pages 72 to 83 and "Notes to the financial statements" Note 6" on page 101 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM MAJOR SHAREHOLDERS AND RELATED PARTY TRANSACTIONS**

**7.**

The information set forth under the headings "Financial review" Related party transactions" on page 62, "Notes to the financial statements" Note 29" on page 131 and "Shareholder information" on pages 140 to 141 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.



**ITEM FINANCIAL INFORMATION**  
**8.**

The information set forth under the headings "Financial review" on pages 58 to 59, "Group profit and loss account" on page 86, "Group balance sheet" on page 87, "Group cash flow statement" on page 88, "Total recognised gains and losses" on page 89, "Movement in shareholders' funds" on page 89, "Balance sheet of The BOC Group plc" on page 90, "Accounting policies" on pages 91 to 92, "Notes to the financial statements" on pages 93 to 137 and "Shareholder information—Dividends" on page 140 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM THE OFFER AND LISTING**  
**9.**

The information set forth under the heading "Shareholder information—Nature of trading market" on pages 140 to 141 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM ADDITIONAL INFORMATION**  
**10.**

**SUMMARY OF MEMORANDUM AND ARTICLES  
OF ASSOCIATION OF THE BOC GROUP plc**

**General**

The BOC Group plc (the "Company") is registered under company number 22096. The Company's objects and purposes are located in Section 4 of its memorandum of association, and include, among other things, the carrying on of business as manufacturers, producers, converters, processors, refiners, distillers, users, merchants, distributors, purchasers or dealers of or in any natural or man-made substance, or of or in any products derived or made therefrom.

**Directors**

*Directors' Interests*

Subject to certain limited exceptions, a director may not vote on any resolution in respect of any contract in which he has a material interest; the shareholders of the Company may pass an ordinary resolution to suspend or relax the provisions of the articles of association or to ratify any contract which would otherwise be in breach of the Company's articles of association.

*Directors' Remuneration*

The total fees payable to directors for attending normal board or committee meetings may not exceed £600,000 per annum, or such amount as determined by an ordinary resolution of the Company. Any director may receive remuneration paid under employment contracts or be paid additional remuneration for his services that go beyond attending normal board or committee meetings, such remuneration to be determined by the directors. The directors may pay pensions or other benefits to any past or present director, or any relation or dependant of such a person.

*Directors' Borrowing Powers*

The directors may exercise all of the Company's powers relating to borrowing money, giving security and issuing securities. The directors shall, however, limit the Company's borrowings (and those of its subsidiaries, so far as the directors are able) to ensure that the total principal amount outstanding on the group's borrowings shall not, without the sanction of an ordinary resolution, exceed 2.5 times the aggregate of the Company's adjusted capital and reserves; calculated and adjusted as set out in article

103 of the Company's articles of association.

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#### *Directors' Age-Limit Requirements*

No one will be disqualified from being or becoming a director simply because he has reached the age of 70. It is not necessary to give special notice of a resolution appointing someone a director where he is 70 or more. However, where a director is proposed for appointment or reappointment at any general meeting, if the director will be 70 or more at the date of the meeting, the directors will state his age in the notice calling the meeting, or in an accompanying document.

#### *Directors' Term of Office and Shareholding Requirements*

In order to qualify for office, a director must hold 500 ordinary shares (the 'shares') of the Company, and such shares may not be held jointly. At every annual general meeting, one-third of the current directors must retire by rotation (or if their number is not three or a multiple of three, the nearest to and less than one-third thereof), provided all directors must retire as directors at least every three years, in the following order: (i) any director who is 70 or over at the date of the meeting; then, if more must retire, (ii) any director who wishes to retire at the meeting and who does not want to be re-elected; then, if more must retire, (iii) those directors who have been directors longest since they were last elected. Where there are any directors who were last elected on the same date, they can agree on who is to retire. Where they do not agree, they must draw lots to decide. In addition, any director appointed by the board to fill a vacancy or as an additional director must retire. A retiring director is eligible for re-appointment.

### **Share Rights**

#### *Share Issuances*

The Company may issue shares with any rights and restrictions, which must be approved by an ordinary resolution of the shareholders or by the directors. The Company's shares have a nominal value of 25p each.

#### *Redemption*

The Company may issue shares which are redeemable, either automatically or at the Company's or the Shareholder's election.

#### *Dividends*

The directors may recommend the amount of any final dividend. The shareholders may then pass an ordinary resolution to declare the dividend, but the amount declared must not be higher than the amount recommended by the directors. The directors may pay interim dividends and fixed rate dividends when they consider that the financial position of the Company justifies the payment. Where shareholders with shares giving them preferential rights suffer because an interim dividend has been paid on other shares, then as long as the directors act in good faith, they will not be liable for the loss. Shareholders have the right to elect to receive new shares, credited as fully paid, in whole or in part, in lieu of any dividend paid or declared by the Company.

The directors may deduct from any dividend, or other moneys payable in respect of any shares, any sums of money presently payable by the shareholder on account of calls or otherwise in relation to the shares. Any dividend unclaimed for a period of twelve years from the date on which it was declared or became due for payment shall be forfeited and reverts to the Company.

### *Calls on Shares*

The directors may at any time make calls on shareholders to pay any money which has not yet been paid to the Company for their shares.

### *Variation of Rights*

The rights attached to each class of shares may only be varied if the holders of three-quarters in nominal value of the issued shares of that class approve in writing such variation, or with the sanction of an extraordinary resolution passed at a separate meeting of the holders of that class.

### *Voting*

On a show of hands, every holder of shares who is present in person at a general meeting shall have one vote. On a poll, every holder who is present in person or by proxy shall have one vote for every 25p in nominal value of the shares he holds.

Voting will be by a show of hands unless a poll is demanded when or before the chairman declares the result of the show of hands.

### **Treasury Shares**

The directors may decide how to deal with all (if any) shares in BOC lawfully held by or on behalf of BOC. The directors may, for instance, offer the shares for sale, grant options to acquire them, allot them or dispose of the shares in any other way, subject to the provisions of the legislation.

### **Annual and Extraordinary General Meetings**

An annual general meeting and any other meeting for the passing of a special resolution may be called by at least twenty-one clear days' notice. All other general meetings may be convened by fourteen days' clear notice. All notices given must specify the place, day and time of the meeting and the general nature of the business for the meeting.

There must not be a period of more than 15 months between one annual general meeting and the next. Five members present by person or by proxy and entitled to vote at the meeting shall be a quorum.

### **Ownership Rights**

There are no restrictions on ownership of the Company's shares, but the directors may refuse to register a transfer of any shares which are not fully paid, or if the shares are to be held jointly by more than four persons.

### **Liquidation Rights**

If the Company goes into liquidation, its assets may be distributed among the shareholders or transferred to and managed by trustees. The liquidator must act with the approval of a special resolution of the shareholders. Where any assets are to be distributed among the shareholders, the liquidator will determine the values of the assets to be distributed and decide how they will be divided between the shareholders. Where any assets are transferred to trustees, the liquidator may decide on the nature of the trust. On a liquidation, no shareholder will be obliged to accept any shares or other assets where there is any liability associated with them.



## **Disclosure Requirements**

The Companies Act 1985 applies in relation to the disclosure of share ownership in the Company. A person with a material interest of 3% or more in aggregate of shares of the Company is required to notify the Company of his shareholding. After the 3% threshold is exceeded, the Company must be notified of increases or decreases of 1% or more. A person holding an interest, whether material or otherwise, in 10% or more of the Company's shares is also required to notify the Company of such holding. The requirements of the City Code of Takeovers and Mergers will apply to any shareholder seeking to increase his shareholding in the Company.

The Company may under the Companies Act send out notices to those it knows or thinks have an interest in its shares. In the notice, the Company will ask for details of those who do have an interest and the extent of their interest in a particular holding of shares (the "statutory notice").

When a person receives a statutory notice, he has 14 days to comply with it. If he does not do so, the Company may decide to restrict the rights relating to such person's shares and give a further notice, known as a restriction notice. The restriction notice will take effect when it is delivered. The restriction notice will state that the shares no longer give the shareholder any right to attend or vote at any meeting or appoint a proxy for meetings.

Where the shares make up 0.25 per cent. or more (in nominal value or in number) of the Company's shares, or any class of shares, the restriction notice may also contain the following further restrictions:

- (i) the directors may withhold any dividends (including scrip dividends) in respect of the identified shares; and
- (ii) the directors may refuse to register a transfer of any of the shares unless the directors are satisfied that they have been sold outright to an independent third party. The independent third party must not be connected with the registered shareholder or with anyone else whom the Company believes is interested in the shares. Any sale through a stock exchange on which the Company's shares are listed or by way of accepting a take-over offer will be treated as a sale to an independent third party.

Once a restriction notice has been given, the directors are free to cancel or suspend its effect at any time they think fit. In addition, they must cancel the restriction notice within 7 days of being satisfied that all information requested in the statutory notice has been given. Also, where any of the identified shares are sold and the directors are satisfied that they were sold outright to an independent third party, the transferred shares will no longer be affected by the restriction notice.

When a restriction notice is cancelled or stops being effective, the Company will pay any money which it had withheld to the person who would have received the money originally.

In addition, the information set forth under the heading "Shareholder information" on pages 142 to 143 and page 145 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

## **ITEM 11. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK**

The information set forth under the headings "Financial review" Management of financial risks" on pages 56 to 57, "Accounting policies" Financial instruments" on page 92, and "Notes to the financial statements" Note 21" on pages 120 to 124 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

## **ITEM 12. DESCRIPTION OF SECURITIES OTHER THAN EQUITY SECURITIES**

Not applicable.



**ITEM 13. DEFAULTS, DIVIDEND ARREARAGES AND DELINQUENCIES**

Not applicable.

**ITEM 14. MATERIAL MODIFICATIONS TO THE RIGHTS OF SECURITY HOLDERS AND USE OF PROCEEDS**

Not applicable.

**ITEM 15. CONTROLS AND PROCEDURES**

The information set forth under the heading "Corporate governance" on pages 69 to 70 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM 16A. AUDIT COMMITTEE FINANCIAL EXPERT**

The information set forth under the heading "Corporate governance—Audit committee" on page 67 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM 16B. CODE OF ETHICS**

The information set forth under the headings "Employees—Employment policies and Code of Conduct" on page 23 and "Social, environmental and ethical performance—The Code of Conduct" on page 26 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM 16C. PRINCIPAL ACCOUNTANT FEES AND SERVICES**

The information set forth under the heading "Notes to the financial statements—Note 2(c)" on page 97 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM 16D. EXEMPTIONS FROM THE LISTING STANDARDS FOR AUDIT COMMITTEES**

Not applicable.

**ITEM 16E. PURCHASES OF EQUITY SECURITIES BY THE ISSUER AND AFFILIATED PURCHASERS**

Neither the registrant nor any affiliated purchaser made any purchases of the registrant's ordinary shares during the fiscal year ended September 30, 2005.

**ITEM 17. FINANCIAL STATEMENTS.**

Not applicable.

**ITEM FINANCIAL STATEMENTS  
18.**

**Report of Independent Registered Public Accounting Firm**

To the Board of Directors and Shareholders of The BOC Group plc:

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In our opinion, the accompanying consolidated balance sheets and the related consolidated statements of profit and loss, of total recognised gains and losses, of movement in shareholders' funds and related notes, present fairly, in all material respects, the financial position of The BOC Group plc and its subsidiaries at September 30, 2005 and September 30, 2004, and the results of its operations and its cash flows for each of the three years in the period ended September 30, 2005 in conformity with accounting principles generally accepted in the United Kingdom. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with the standards of the Public Company Accounting Oversight Board (United States). 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, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

Accounting principles generally accepted in the United Kingdom vary in certain significant respects from accounting principles generally accepted in the United States of America. Information relating to the nature and effect of such differences is presented in Note 30 to the consolidated financial statements.

/s/ PricewaterhouseCoopers LLP

PricewaterhouseCoopers LLP  
London, England  
28 November 2005

The information set forth under the headings "Group profit and loss account" on page 86, "Group balance sheet" on page 87, "Group cash flow statement" on page 88, "Total recognised gains and losses" on page 89, "Movement in shareholders' funds" on page 89, "Balance sheet of The BOC Group plc" on page 90, "Accounting policies" on pages 91 to 92 and "Notes to the financial statements" on pages 93 to 137 of the Report and Accounts 2005 contained in the Company's Report on Form 6-K dated December 12, 2005 is incorporated herein by reference.

**ITEM 19. EXHIBITS**

The following exhibits are filed as part of this annual report:

- 1.1 Memorandum of Association, as amended\*
- 1.2 Articles of Association, as amended\*\*
- 4.1 Directors' service contracts and letters of appointment
- 4.2 The BOC Group Executive Share Option Scheme 1995 Rules, as amended\*\*
- 4.3 The BOC Group Executive Share Option Scheme 1995 Jersey Rules, as amended\*\*
- 4.4 The BOC Group Executive Share Option Scheme 2003\*\*\*
- 4.5 The BOC Group Long Term Incentive Plan, as amended
- 4.6 The BOC Group Share Matching Plan

4.7 The BOC Group UK Savings Related Share Option Scheme 2005

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- 6 For information regarding the calculation of earnings per share information, see “Notes to the financial statements” Note 10”, contained on page 111 of the Report and Accounts 2005, filed as Exhibit 15.2.
- 8.1 List of subsidiaries
- 12.1 Certification of Anthony Eric Isaac, Chief Executive of The BOC Group plc, pursuant to Sections 13(a) and 15(d) of the Securities Exchange Act of 1934, as amended, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 12.2 Certification of Alan Murray Ferguson, Group Finance Director of The BOC Group plc, pursuant to Sections 13(a) and 15(d) of the Securities Exchange Act of 1934, as amended, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 13 Certifications of Anthony Eric Isaac, Chief Executive of The BOC Group plc and Alan Murray Ferguson, Group Finance Director of The BOC Group plc, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
- 15.1 Consent of independent public registered accounting firm, PricewaterhouseCoopers LLP, independent auditors of The BOC Group plc
- 15.2 The Company's responses to the requirements of Form 20-F have been incorporated by reference to the Company's Report on Form 6-K dated December 12, 2005, which contains The BOC Group plc Report and Accounts 2005. Pursuant to Rule 12b-23(a) of the Commission, the information incorporated into this report by reference to such Report on Form 6-K is attached as an exhibit hereto.

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\* Incorporated by reference to our annual report on Form 20-F (No. 0-10906) for the year ended September 30, 2002 filed with the Commission on December 12, 2002.

\*\* Incorporated by reference to our annual report on Form 20-F (No. 0-10906) for the year ended September 30, 2004 filed with the Commission on December 6, 2004.

\*\*\* Incorporated by reference to our registration statement on Form S-8 (No. 333-105611) filed with the Commission on May 28, 2003.

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SIGNATURES

The registrant hereby certifies that it meets all of the requirements for filing on Form 20-F and that it has duly caused and authorized the undersigned to sign this annual report on its behalf.

Date: December 12, 2005

The BOC Group plc

By: /s/ Anthony Eric Isaac  
Name: Anthony Eric Isaac  
Title: Chief Executive

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**EXHIBIT INDEX**

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