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2. A notification dated 3 August 2005 advising of the acquisition of 54 Ordinary shares in the Company by Sir Christopher J O'Donnell, a director of the Company, under the Dividend Reinvestment Plan.
3. A notification dated 3 August 2005 advising that Mrs Rebecca McDonald, a director of the Company, has purchased 500 Ordinary shares in the Company.

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THE BOC GROUP plc ANNOUNCEMENT RELEASED TO A REGULATORY INFORMATION SERVICE  
ON 1 AUGUST 2005  
AT 13.21 HRS UNDER REF: PRNUK-0108051319-B134

SCHEDULE 10

NOTIFICATION OF MAJOR INTERESTS IN SHARES

All relevant boxes should be completed in block capital letters.

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1. Name of company  The BOC Group plc	2. Name of shareholder having a major interest  Barclays PLC
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3. Please state whether notification indicates that it is in respect of holding of the shareholder named in 2 above or in respect of a non-beneficial interest or in the case of an individual holder if it is a holding of that person's spouse or children under the age of 18	4. Name of the registered holder(s) and the number of shares held  See attached schedule.
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Notification in respect of party named in 2 above

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5. Number of shares/amount of stock acquired	6. Percentage of issued class	7. Number of shares/amount of stock disposed	8. Percentage of issued class
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9. Class of security  Ordinary shares of 25p each	10. Date of transaction  25 July 2005	11. Date of acquisition  1 August 2005
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12. Total holding following this notification

15,735,650

13. Total percentage holding of issued notification

3.14%

14. Any additional information

In a letter dated 28 July 2005, The BOC Group plc has been advised that Barclays Plc holds a 3.14% interest in the Ordinary Share Capital of the Company.

15. Name of contact and telephone number

Sarah Larkins  
Assistant Company Secretary  
01276 807383

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16. Name and signature of authorised company official responsible for making this notification

Sarah Larkins

Date of notification 1 August 2005

Registered Holders Report

As at 25 July 2005 Barclays PLC, through the registered holders listed below, had a notifiable interest in 15,735,650 Ordinary shares of 25p each in The BOC Group plc.

Registered Holder	Account Information	Holding
Barclays Trust Co & Others		137
Barclays Trust Co as Exec/Adm		375
Barclays Trust Co DMC69		13,500
Barclays Trust Co E99		3,552

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Barclays Trust Co R69		54,532
Chase Nominees Ltd	16376	273,134
Clydesdale Nominees HGB0125	00686408	2,520
Clydesdale Nominees HGB0125	00697736	1,170
Gerrard Nominees Limited	ER1	55,955
Greig Middleton Nominees Limit	GM1	410,416
Greig Middleton Nominees Ltd	GM3	153,500
Investors Bank and Trust Co		75,220
Investors Bank and Trust Co		5,242
Investors Bank and Trust Co		2,518,070
Investors Bank and Trust Co		7,510
Investors Bank and Trust Co		906,108
Investors Bank and Trust Co		36,752
Investors Bank and Trust Co		97,630
Investors Bank and Trust Co		113,035
Investors Bank and Trust Co		579,360
Investors Bank and Trust Co		94,245
Investors Bank and Trust Co		14,845
JP Morgan (BGI Custody)	16331	150,020
JP Morgan (BGI Custody)	16338	29,206
JP Morgan (BGI Custody)	16341	273,216
JP Morgan (BGI Custody)	16342	59,795
JP Morgan (BGI Custody)	16400	5,058,161
JP Morgan (BGI Custody)	17011	8,628
JP Morgan (BGI Custody)	18408	20,568
JPMorgan Chase Bank		15,369
JPMorgan Chase Bank		85,769
JPMorgan Chase Bank		3,953
JPMorgan Chase Bank		528
JPMorgan Chase Bank		262,777
JPMorgan Chase Bank		18,760

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JPMorgan Chase Bank		70,058
JPMorgan Chase Bank		66,527
JPMorgan Chase Bank		53,346
JPMorgan Chase Bank		12,728
JPMorgan Chase Bank		86,236
JPMorgan Chase Bank		4,359
JPMorgan Chase Bank		31,934
JPMorgan Chase Bank		5,102
Mellon Trust - Boston & SF		68,149
Mitsubishi Trust International		3,269
R C Greig Nominees Limited	RC1	2,284,509

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R C Greig Nominees Limited	AK1	632,596
R C Greig Nominees Limited	BL1	149,950
R C Greig Nominees Limited	CM1	92,553
R C Greig Nominees Limited	GP1	243,008
R C Greig Nominees Limited	SA1	143,431
Reflex Nominees Limited		345
State Street		8,465
State Street Boston		42,921
State Street Boston		324,746
Zeban Nominees Limited		7,860
	Total	15,735,650

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THE BOC GROUP plc ANNOUNCEMENT RELEASED TO A REGULATORY  
INFORMATION SERVICE ON 3 AUGUST 2005  
AT 9.21 HRS UNDER REF: PRNUK-0308050919-A7FC

NOTIFICATION OF TRANSACTIONS OF DIRECTORS, PERSONS DISCHARGING MANAGERIAL

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RESPONSIBILITY OR CONNECTED PERSONS

This form is intended for use by an issuer to make a RIS notification required by DR 3.1.4R(1).

- (1) An issuer making a notification in respect of a transaction relating to the shares or debentures of the issuer should complete boxes 1 to 16, 23 and 24.
(2) An issuer making a notification in respect of a derivative relating the shares of the issuer should complete boxes 1 to 4, 6, 8,13, 14, 16, 23 and 24.
(3) An issuer making a notification in respect of options granted to a director/person discharging managerial responsibilities should complete boxes 1 to 3 and 17 to 24.
(4) An issuer making a notification in respect of a financial instrument relating to the shares of the issuer (other than a debenture) should complete boxes 1 to 4, 6, 8, 9, 11, 13, 14, 16, 23 and 24.

Please complete all relevant boxes should in block capital letters.

Form with 8 numbered sections: 1. Name of the issuer (THE BOC GROUP plc), 2. State whether the notification relates to a transaction notified in accordance with DR 3.1.4R(1) (iii) IN ACCORDANCE WITH BOTH (i) and (ii) ABOVE, 3. Name of person discharging managerial responsibilities (CHRISTOPHER JOHN O'DONNELL), 4. State whether notification relates to a person connected with a person discharging managerial responsibilities (N/A), 5. Indicate whether the notification is in respect of a holding of the person referred to in 3 or 4 above (IN RESPECT OF A HOLDING OF THE DIRECTOR IN 3 ABOVE), 6. Description of shares (ORDINARY SHARES OF 25P EACH), 7. Name of registered shareholders (CHRISTOPHER JOHN O'DONNELL), 8. State the nature of the transaction (PURCHASE OF SHARES UNDER THE DIVIDEND REINVESTMENT PLAN).

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9. Number of shares, debentures or financial instruments relating to shares acquired
- 54
10. Percentage of issued class acquired (treasury shares of that class should be taken into account when calculating percentage)
- LESS THAN 0.01%
- 
11. Number of shares, debentures or financial instruments relating to shares disposed
- N/A
12. Percentage of issued class disposed (treasury shares of that class should be taken into account when calculating percentage)
- N/A
- 
13. Price per share or value of transaction
- 1074p PER SHARE
14. Date and place of transaction
- 1 AUGUST 2005, LONDON
- 
15. Total holding following notification and total percentage holding following notification (any treasury shares should not be taken into account when calculating percentage)
- 2,364 LESS THAN 0.01%
16. Date issuer informed of transaction
- 2 AUGUST 2005
- 
- If a person discharging managerial responsibilities has been granted options by the issuer complete following boxes
- 
17. Date of grant
18. Period during which or date on which can be exercised
- 
19. Total amount paid (if any) for grant of the option
20. Description of shares or debenture involved (class and number)
- 
21. Exercise price (if fixed at time of grant) or indication that price is to be fixed at the time of exercise
22. Total number of shares or debentures over which options held following notification
- 
23. Any additional information
24. Name of contact and telephone number for queries

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Name and signature of duly authorised officer of issuer responsible for making notification  
SARAH LARKINS, ASSISTANT COMPANY SECRETARY  
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Date of notification 3 AUGUST 2005  
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THE BOC GROUP plc ANNOUNCEMENT RELEASED TO A REGULATORY  
INFORMATION SERVICE ON 3 AUGUST 2005  
AT 09.35 HRS UNDER REF: PRNUK-0308050933-B840

NOTIFICATION OF TRANSACTIONS OF DIRECTORS, PERSONS DISCHARGING MANAGERIAL  
RESPONSIBILITY OR CONNECTED PERSONS

This form is intended for use by an issuer to make a RIS notification required  
by DR 3.1.4R(1).

- (1) An issuer making a notification in respect of a transaction relating to the shares or debentures of the issuer should complete boxes 1 to 16, 23 and 24.
- (2) An issuer making a notification in respect of a derivative relating the shares of the issuer should complete boxes 1 to 4, 6, 8, 13, 14, 16, 23 and 24.
- (3) An issuer making a notification in respect of options granted to a director/person discharging managerial responsibilities should complete boxes 1 to 3 and 17 to 24.
- (4) An issuer making a notification in respect of a financial instrument relating to the shares of the issuer (other than a debenture) should complete boxes 1 to 4, 6, 8, 9, 11, 13, 14, 16, 23 and 24.

Please complete all relevant boxes should in block capital letters.

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1. Name of the issuer

2. State whether the notification rel  
transaction notified in accordance  
3.1.4R(1) (a); or



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(ii) DR 3.1.4(R) (1) (b) a disclosure in accordance with section 324 (as extended by section 328) of the Companies Act 2006 or

(iii) both (i) and (ii)

(iii) NOTIFICATION IN ACCORDANCE WITH BOTH DR3.1.4R(1) (a) AND DR 3.1.4R(1) (b)

THE BOC GROUP plc

<p>3. Name of person discharging managerial responsibilities/director</p> <p>REBECCA ANN MCDONALD</p>	<p>4. State whether notification relates to a person connected with a person discharging managerial responsibilities/director in 3 and identify the connected person</p> <p>N/A</p>
<p>5. Indicate whether the notification is in respect of a holding of the person referred to in 3 or 4 above or in respect of a non-beneficial interest(1)</p> <p>HOLDING IN RESPECT OF PERSON REFERRED TO IN 3 ABOVE</p>	<p>6. Description of shares (including debentures or derivatives or financial instruments relating to shares)</p> <p>ORDINARY SHARES OF 25p EACH</p>
<p>7. Name of registered shareholders(s) and, if more than one, the number of shares held by each of them</p> <p>REBECCA ANN MCDONALD</p>	<p>8. State the nature of the transaction</p> <p>PURCHASE</p>
<p>9. Number of shares, debentures or financial instruments relating to shares acquired</p> <p>500</p>	<p>10. Percentage of issued class acquired (treasury shares of that class should be taken into account when calculating percentage)</p> <p>LESS THAN 0.01%</p>
<p>11. Number of shares, debentures or financial instruments relating to shares disposed</p> <p>N/A</p>	<p>12. Percentage of issued class disposed (treasury shares of that class should be taken into account when calculating percentage)</p> <p>N/A</p>

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13. Price per share or value of transaction  
1080.7p  
14. Date and place of transaction  
3 AUGUST 2005, LONDON  
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15. Total holding following notification and total percentage holding following notification (any treasury shares should not be taken into account when calculating percentage)  
500 LESS THAN 0.01%  
16. Date issuer informed of transaction  
3 AUGUST 2005  
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If a person discharging managerial responsibilities has been granted options by the issuer complete following boxes  
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17. Date of grant  
18. Period during which or date on which can be exercised  
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19. Total amount paid (if any) for grant of the option  
20. Description of shares or debenture involved (class and number)  
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21. Exercise price (if fixed at time of grant) or indication that price is to be fixed at the time of exercise  
22. Total number of shares or debentures over which options held following notification  
-----

23. Any additional information  
24. Name of contact and telephone number for queries  
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Name and signature of duly authorised officer of issuer responsible for making notification

\_\_Carol Hunt, Deputy Company Secretary\_\_\_\_\_  
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Date of notification \_\_\_\_3 August 2005\_\_\_\_\_  
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SIGNATURE

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Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant, The BOC Group plc, has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: September 1, 2005

By: /s/ Sarah Larkins  
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Name: Sarah Larkins  
Title: Assistant Company Secretary

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