

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

**FORM 20-F**

(Mark One)

**REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR 12(g) OF THE SECURITIES EXCHANGE ACT OF 1934**

OR

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the fiscal year ended December 31, 2008

OR

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

OR

**SHELL COMPANY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

Date of event requiring this shell company report \_\_\_\_\_

Commission file numbers

Barclays PLC  
Barclays Bank PLC

1-09246  
1-10257

**BARCLAYS PLC  
BARCLAYS BANK PLC**

(Exact Names of Registrants as Specified in their Charters)

**ENGLAND**

(Jurisdiction of Incorporation or Organization)

**1 CHURCHILL PLACE, LONDON E14 5HP, ENGLAND**  
(Address of Principal Executive Offices)

**PATRICK GONSALVES, +44 (0)20 7116 2901, PATRICK.GONSALVES@BARCLAYS.COM**  
**1 CHURCHILL PLACE, LONDON E14 5HP, ENGLAND**

\*(Name, Telephone, E-mail and/or Facsimile number and Address of Company Contact Person)

Securities registered or to be registered pursuant to Section 12(b) of the Act:

**Barclays PLC**

<u>Title of Each Class</u>	<u>Name of Each Exchange On Which Registered</u>
25p ordinary shares	New York Stock Exchange*
American Depository Shares, each representing four 25p ordinary shares	New York Stock Exchange

\* Not for trading, but in connection with the registration of American Depository Shares, pursuant to the requirements of the Securities and Exchange Commission.

**Barclays Bank PLC**

<u>Title of Each Class</u>	<u>Name of Each Exchange On Which Registered</u>
7.4% Subordinated Notes 2009	New York Stock Exchange
Callable Floating Rate Notes 2035	New York Stock Exchange
Non-Cumulative Callable Dollar Preference Shares, Series 2	New York Stock Exchange*

American Depository Shares, Series 2, each representing one Non-Cumulative Callable Dollar Preference Share, Series 2	New York Stock Exchange
Non-Cumulative Callable Dollar Preference Shares, Series 3	New York Stock Exchange*
American Depository Shares, Series 3, each representing one Non-Cumulative Callable Dollar Preference Share, Series 3	New York Stock Exchange
Non-Cumulative Callable Dollar Preference Shares, Series 4	New York Stock Exchange*
American Depository Shares, Series 4, each representing one Non-Cumulative Callable Dollar Preference Share, Series 4	New York Stock Exchange
Non-Cumulative Callable Dollar Preference Shares, Series 5	New York Stock Exchange*
American Depository Shares, Series 5, each representing one Non-Cumulative Callable Dollar Preference Share, Series 5	New York Stock Exchange
iPath® Dow Jones – AIG Grains total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones – AIG Livestock Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones – AIG Nickel Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones – AIG Copper Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones – AIG Energy Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones – AIG Agriculture Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones – AIG Natural Gas total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones – AIG Industrial Metals Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones-AIG Softs Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones-AIG Tin Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones-AIG Coffee Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones-AIG Cotton Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones-AIG Sugar Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones-AIG Precious Metals Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones-AIG Platinum Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones-AIG Cocoa Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones-AIG Lead Total Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath® Dow Jones-AIG Aluminum Total	

Return Sub-Index <sup>SM</sup> ETN	NYSE Arca
iPath <sup>®</sup> Global Carbon ETN	NYSE Arca
iPath <sup>®</sup> Dow Jones – AIG Commodity Index	
Total Return <sup>SM</sup> ETN	NYSE Arca
iPath <sup>®</sup> S&P GSCI <sup>TM</sup> Crude Oil Total Return Index ETN	NYSE Arca
iPath <sup>®</sup> S&P GSCI <sup>TM</sup> Total Return Index ETN	NYSE Arca
iPath <sup>®</sup> MSCI India Index <sup>SM</sup> ETN	NYSE Arca
iPath <sup>®</sup> EUR/USD Exchange Rate ETN	NYSE Arca
iPath <sup>®</sup> GBP/USD Exchange Rate ETN	NYSE Arca
iPath <sup>®</sup> JPY/USD Exchange Rate ETN	NYSE Arca
iPath <sup>®</sup> S&P 500 VIX Short-Term Futures <sup>TM</sup> ETN	NYSE Arca
iPath <sup>®</sup> S&P 500 VIX Mid-Term Futures <sup>TM</sup> ETN	NYSE Arca
iPath <sup>®</sup> CBOE S&P 500 BuyWrite Index <sup>SM</sup> ETN	NYSE Arca
iPath <sup>®</sup> Optimized Currency Carry ETN	NYSE Arca
Barclays GEMS Index <sup>TM</sup> ETN	NYSE Arca
Barclays GEMS Asia 8 ETN	NYSE Arca
Barclays Asian and Gulf Currency Revaluation ETN	NYSE Arca
Barclays GEMS Index <sup>TM</sup> ETN	American Stock Exchange

\* Not for trading, but in connection with the registration of American Depository Shares, pursuant to the requirements of the Securities and Exchange Commission.

Securities registered or to be registered pursuant to Section 12(g) of the Act: None

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 issuers' classes of capital or common stock as of the close of the period covered by the annual report.

Barclays PLC	25p ordinary shares	8,371,830,617
Barclays Bank PLC	£1 ordinary shares	2,338,170,515
	£1 preference shares	1,000
	£100 preference shares	75,000
	€100 preference shares	240,000
	\$0.25 preference shares	237,000,000
	\$100 preference shares	100,000

Indicate by check mark if each 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 registrants are not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act 1934.

Yes  No

Note—Checking the box above will not relieve any registrant required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 from their obligations under those Sections.

Indicate by check mark whether the registrants: (1) have 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) have been subject to such filing requirements for the past 90 days.

Yes  No

Indicate by check mark whether each registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. (Check one):

Barclays PLC

Large Accelerated Filer  Accelerated Filer  Non-Accelerated Filer

Barclays Bank PLC

Large Accelerated Filer  Accelerated Filer  Non-Accelerated Filer

\* Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing:

U.S. GAAP

International Financial Reporting Standards as issued by the International Accounting Standards Board

Other

\* If "Other" has been checked in response to the previous question, 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

(APPLICABLE ONLY TO ISSUERS INVOLVED IN BANKRUPTCY PROCEEDINGS DURING THE PAST FIVE YEARS.)

Indicate by check mark whether the registrant has filed all documents and reports required to be filed by Section 12, 13 or 15(d) of the Securities Exchange Act of 1934 subsequent to the distribution of securities under a plan confirmed by a court.

Yes  No

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### **Certain non-IFRS measures**

In this document certain non-IFRS (International Financial Reporting Standards) measures are reported. Barclays management believes that these non-IFRS measures provide valuable information to readers of its financial statements because they enable the reader to focus more directly on the underlying day-to-day performance of its businesses and provide more detail concerning the elements of performance which the managers of these businesses are most directly able to influence. They also reflect an important aspect of the way in which operating targets are defined and performance is monitored by Barclays management. However, any non-IFRS measures in this document are not a substitute for IFRS measures and readers should consider the IFRS measures as well.

### **Market and other data**

This document contains information, including statistical data, about certain of Barclays markets and its competitive position. Except as otherwise indicated, this information is taken or derived from Datastream, Dealogic, Euroweek, Thompson Reuters, AMEX/NYSE weekly reports, European ETF reports and other external sources. Barclays cannot guarantee the accuracy of information taken from external sources, or that, in respect of internal estimates, a third party using different methods would obtain the same estimates as Barclays.

### **Forward-looking statements**

This document contains certain forward-looking statements within the meaning of Section 21E of the US Securities Exchange Act of 1934, as amended, and Section 27A of the US Securities Act of 1933, as amended, with respect to certain of the Group's plans and its current goals and expectations relating to its future financial condition and performance. Barclays cautions readers that no forward-looking statement is a guarantee of future performance and that actual results could differ materially from those contained in the forward-looking statements. These forward-looking statements can be identified by the fact that they do not relate only to historical or current facts. Forward-looking statements sometimes use words such as 'may', 'will', 'seek', 'continue', 'aim', 'anticipate', 'target', 'expect', 'estimate', 'intend', 'plan', 'goal', 'believe' or other words of similar meaning. Examples of forward-looking statements include, among others, statements regarding the Group's future financial position, income growth, assets, impairment charges, business strategy, capital ratios, leverage, payment of dividends, projected levels of growth in the banking and financial markets, projected costs, estimates of capital expenditures, and plans and objectives for future operations and other statements that are not historical fact. By their nature, forward-looking statements involve risk and uncertainty because they relate to future events and circumstances, including, but not limited to, UK domestic and global economic and business conditions, the effects of continued volatility in credit markets, market related risks such as changes in interest rates and exchange rates, effects of changes in valuation of credit market exposures, changes in valuation of issued notes, the policies and actions of governmental and regulatory authorities, changes in legislation, the further development of standards and interpretations under IFRS applicable to past, current and future periods, evolving practices with regard to the interpretation and application of standards under IFRS, progress in the integration of the Lehman Brothers North American businesses into the Group's business and the quantification of the benefits resulting from such acquisition, the outcome of pending and future litigation, the success of future acquisitions and other strategic transactions and the impact of competition – a number of which factors are beyond the Group's control. As a result, the Group's actual future results may differ materially from the plans, goals, and expectations set forth in the Group's forward-looking statements.

Any forward-looking statements made herein speak only as of the date they are made. Except as required by the UK Financial Services Authority (FSA), the London Stock Exchange or applicable law, Barclays expressly disclaims any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements contained in this announcement to reflect any change in Barclays expectations with regard thereto or any change in events, conditions or circumstances on which any such statement is based. The reader should, however, consult any additional disclosures that Barclays has made or may make in documents it has filed or may file with the Securities and Exchange Commission (SEC).

# SEC FORM 20-F CROSS REFERENCE INFORMATION

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## Financial review

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# Consolidated income statement

## For the year ended 31st December

	2008 £m	2007 £m	2006 £m	2005 £m	2004 £m <sup>a</sup>
Net interest income	11,469	9,610	9,143	8,075	6,833
Net fee and commission income	8,407	7,708	7,177	5,705	4,847
Principal transactions	2,009	4,975	4,576	3,179	2,514
Net premiums from insurance contracts	1,090	1,011	1,060	872	1,042
Other income	377	188	214	147	131
Total income	23,352	23,492	22,170	17,978	15,367
Net claims and benefits incurred on insurance contracts	(237)	(492)	(575)	(645)	(1,259)
Total income net of insurance claims	23,115	23,000	21,595	17,333	14,108
Impairment charges and other credit provisions	(5,419)	(2,795)	(2,154)	(1,571)	(1,093)
Net income	17,696	20,205	19,441	15,762	13,015
Operating expenses	(14,366)	(13,199)	(12,674)	(10,527)	(8,536)
Share of post-tax results of associates and joint ventures	14	42	46	45	56
Profit before business acquisitions and disposals	3,344	7,048	6,813	5,280	4,535
Profit on disposal of subsidiaries, associates and joint ventures	327	28	323	–	45
Gains on acquisitions	2,406	–	–	–	–
<b>Profit before tax</b>	<b>6,077</b>	<b>7,076</b>	<b>7,136</b>	<b>5,280</b>	<b>4,580</b>
Tax	(790)	(1,981)	(1,941)	(1,439)	(1,279)
<b>Profit after tax</b>	<b>5,287</b>	<b>5,095</b>	<b>5,195</b>	<b>3,841</b>	<b>3,301</b>
Profit attributable to minority interests	905	678	624	394	47
Profit attributable to equity holders of the parent	4,382	4,417	4,571	3,447	3,254
	5,287	5,095	5,195	3,841	3,301

## Selected financial statistics

Basic earnings per share	59.3p	68.9p	71.9p	54.4p	51.0p
Diluted earnings per share	57.5p	66.7p	69.8p	52.6p	49.8p
Dividends per ordinary share	11.5p	34.0p	31.0p	26.6p	24.0p
Dividend payout ratio	19.4%	49.3%	43.1%	48.9%	47.1%
Profit attributable to the equity holders of the parent as a percentage of:					
average shareholders' equity	16.5%	20.3%	24.7%	21.1%	21.7%
average total assets	0.2%	0.3%	0.4%	0.4%	0.5%
Cost: income ratio	62%	57%	59%	61%	61%
Average United States Dollar exchange rate used in preparing the accounts	1.86	2.00	1.84	1.82	1.83
Average Euro exchange rate used in preparing the accounts	1.26	1.46	1.47	1.46	1.47
Average Rand exchange rate used in preparing the accounts	15.17	14.11	12.47	11.57	11.83

The financial information above is extracted from the published accounts for the last three years. This information should be read together with, and is qualified by reference to, the accounts and notes included in this report.

## Note

a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

## Financial review

# Income statement commentary

**Income statement**

Barclays delivered profit before tax of £6,077m in 2008, a decline of 14% on 2007. The results included the following significant items:

- gains on acquisitions of £2,406m, including £2,262m gain on acquisition of Lehman Brothers North American businesses
- profit on disposal of Barclays Closed UK Life assurance business of £326m
- gains on Visa IPO and sales of shares in MasterCard of £291m, distributed widely across the Group
- gross credit market losses and impairment of £8,053m, or £4,957m net of related income and hedges of £1,433m and gains on own credit of £1,663m

Profit after tax increased 4% to £5,287m. This reflected an effective tax rate of 13% (2007: 28%) primarily due to the gain on the acquisition of Lehman Brothers North American businesses of £2,262m in part being offset by carried forward US tax losses attributable to Barclays businesses. Earnings per share were 59.3p (2007: 68.9p), a decline of 14% from 2007, reflecting the impact of share issuance during 2008 on the weighted average number of shares in issue.

Income grew 1% to £23,115m. Income in Global Retail and Commercial Banking increased 17% and was particularly strong in businesses outside of the UK to which we have directed significant resource. Income in Investment Banking and Investment Management was down 19%. Barclays Capital was affected by very challenging market conditions in 2008, with income falling by £1,888m (27%) on 2007, reflecting gross losses of £6,290m relating to credit market assets, partially offset by gains of £1,663m on the fair valuation of notes issued by Barclays

Capital due to widening of credit spreads and £1,433m in related income and hedges. Excluding credit market related losses, gains on own credit and related income and hedges, income in Barclays Capital increased 6%.

Impairment charges and other credit provisions of £5,419m increased 94% on the prior year. Impairment charges included £1,763m arising from US sub-prime mortgages and other credit market exposures. Other wholesale impairment charges increased significantly as corporate credit conditions turned sharply worse. In Barclays Capital increased charges also arose in prime services, corporate lending and private equity. In Barclays Commercial Bank, increased impairment charges reflected the UK economy moving into recession. In the UK there was a moderate increase in impairment in UK Retail Banking as a result of book growth and a deteriorating economic environment. UK mortgage impairment charges remained low. There was a lower charge in UK cards as net flows into delinquency and arrears levels reduced. Significant impairment growth in our Global Retail and Commercial Banking businesses outside the UK reflected very strong book growth in recent years, and maturation of those portfolios, together with deteriorating credit conditions and rising delinquency rates in the US, South Africa and Spain.

Operating expenses increased 9% to £14,366m. We continued to invest in our distribution network in the Global Retail and Commercial Banking businesses. Expenses fell in Barclays Capital due to lower performance related costs. Expenses in Barclays Global Investors included selective support of liquidity products of £263m (2007: £80m). Group gains from property disposals were £148m (2007: £267m). Head office reflects £101m due to the cost of the contribution to the UK Financial Services Compensation Scheme. Underlying cost growth was well controlled. The Group cost:income ratio deteriorated by five percentage points to 62%.

## Income statement commentary

### Net interest income

#### 2008/07

Group net interest income increased 19% (£1,859m) to £11,469m (2007: £9,610m) reflecting balance sheet growth across the Global Retail and Commercial Banking businesses and in particular very strong growth internationally driven by expansion of the distribution network and entrance into new markets. An increase in net interest income was also seen in Barclays Capital due to strong results from global loans and money markets.

Group net interest income includes the impact of structural hedges which function to reduce the impact of the volatility of short-term interest rate movements on equity and customer balances that do not re-price with market rates. The contribution of structural hedges relative to average base rates increased income by £117m (2007: £351m expense), largely due to the effect of the structural hedge on changes in interest rates.

#### 2007/06

Group net interest income increased 5% (£467m) to £9,610m (2006: £9,143m) reflecting balance sheet growth across a number of businesses. The contribution of structural hedges relative to average base rates decreased to £351m expense (2006: £26m income), largely due to the effect of the structural hedge on changes in interest rates. Other interest expense principally includes interest on repurchase agreements and hedging activity.

### Net interest income

	2008	2007	2006
	£m	£m	£m
Cash and balances with central banks	174	145	91
Available for sale investments	2,355	2,580	2,811
Loans and advances to banks	1,267	1,416	903
Loans and advances to customers	23,754	19,559	16,290
Other	460	1,608	1,710
<b>Interest income</b>	<b>28,010</b>	<b>25,308</b>	<b>21,805</b>
Deposits from banks	(2,189)	(2,720)	(2,819)
Customer accounts	(6,697)	(4,110)	(3,076)
Debt securities in issue	(5,910)	(6,651)	(5,282)
Subordinated liabilities	(1,349)	(878)	(777)
Other	(396)	(1,339)	(708)
<b>Interest expense</b>	<b>(16,541)</b>	<b>(15,698)</b>	<b>(12,662)</b>
<b>Net interest income</b>	<b>11,469</b>	<b>9,610</b>	<b>9,143</b>

**Net fee and commission income****2008/07**

Net fee and commission income increased 9% (£699m) to £8,407m (2007: £7,708m). Banking and credit related fees and commissions increased 13% (£845m) to £7,208m (2007: £6,363m), reflecting growth in Barclaycard International, increased fees from advisory and origination activities in Barclays Capital and increased foreign exchange, derivative and debt fees in Barclays Commercial Bank.

**2007/06**

Net fee and commission income increased 7% (£531m) to £7,708m (2006: £7,177m). Fee and commission income rose 8% (£673m) to £8,678m (2006: £8,005m) reflecting increased management and securities lending fees in Barclays Global Investors, increased client assets and higher transactional income in Barclays Wealth and higher income generated from lending fees in Barclays Commercial Bank. Fee income in Barclays Capital increased primarily due to the acquisition of HomeEq.

**Net fee and commission income**

	2008 £m	2007 £m	2006 £m
Brokerage fees	87	109	70
Investment management fees	1,616	1,787	1,535
Securities lending	389	241	185
Banking and credit related fees and commissions	7,208	6,363	6,031
Foreign exchange commission	189	178	184
<b>Fee and commission income</b>	<b>9,489</b>	<b>8,678</b>	<b>8,005</b>
<b>Fee and commission expense</b>	<b>(1,082)</b>	<b>(970)</b>	<b>(828)</b>
<b>Net fee and commission income</b>	<b>8,407</b>	<b>7,708</b>	<b>7,177</b>

## Income statement commentary

### Principal transactions

2008/07

Principal transactions decreased 60% (£2,966m) to £2,009m (2007: £4,975m).

Net trading income decreased 65% (£2,430m) to £1,329m (2007: £3,759m). The majority of the Group's net trading income arises in Barclays Capital. Growth in the Rates related business reflected growth in fixed income, prime services, foreign exchange, commodities and emerging markets. The Credit related business included net losses from credit market dislocation partially offset by the benefits of widening credit spreads on structured notes issued by Barclays Capital.

Net investment income decreased 44% (£536m) to £680m (2007: £1,216m). The cumulative gain from disposal of available for sale assets decreased 62% (£348m) to £212m (2007: £560m) reflecting the lower profits realised on the sale of investments. The £212m gain in 2008 included the £47m gain from sale of shares in MasterCard.

The dividend income increased £170m to £196m (2007: £26m) reflecting the Visa IPO dividend received by GRCB – Western Europe, GRCB – Emerging Markets and Barclaycard in the current year. The GRCB – Absa gain on the Visa IPO of £47m has been recognised in other income.

Net gain from financial instruments designated at fair value decreased 89% (£260m) to £33m (2007: £293m), driven by the continued decrease in value of assets backing customer liabilities in Barclays Life Assurance; and fair value decreases of a number of investments reflecting the current market condition.

Other investment income decreased 29% (£98m) to £239m (2007: £337m) due to a number of non-recurring disposals in the prior year.

2007/06

Principal transactions increased 9% (£399m) to £4,975m (2006: £4,576m).

Net trading income increased 4% (£145m) to £3,759m (2006: £3,614m). The majority of the Group's net trading income arose from Barclays Capital. Growth in the Rates related business reflected very strong performances in fixed income, commodities, foreign exchange, equity and prime services. The Credit related business included net losses from credit market turbulence and the benefits of widening credit spreads on structured notes issued by Barclays Capital.

### Principal transactions

	2008 £m	2007 £m	2006 £m
Rates related business	4,751	4,162	2,848
Credit related business	(3,422)	(403)	766
<b>Net trading income</b>	<b>1,329</b>	<b>3,759</b>	<b>3,614</b>
Net gain from disposal of available for sale assets	212	560	307
Dividend income	196	26	15
Net gain from financial instruments designated at fair value	33	293	447
Other investment income	239	337	193
<b>Net investment income</b>	<b>680</b>	<b>1,216</b>	<b>962</b>
<b>Principal transactions</b>	<b>2,009</b>	<b>4,975</b>	<b>4,576</b>

### Net premiums from insurance contracts

	2008 £m	2007 £m	2006 £m
Gross premiums from insurance contracts	1,138	1,062	1,108
Premiums ceded to reinsurers	(48)	(51)	(48)
<b>Net premiums from insurance contracts</b>	<b>1,090</b>	<b>1,011</b>	<b>1,060</b>

Net investment income increased 26% (£254m) to £1,216m (2006: £962m). The cumulative gain from disposal of available for sale assets increased 82% (£253m) to £560m (2006: £307m) largely as a result of a number of private equity realisations and divestments. Net income from financial instruments designated at fair value decreased by 34% (£154m) largely due to lower growth in the value of linked insurance assets within Barclays Wealth.

Fair value movements on insurance assets included within net investment income contributed £113m (2006: £205m).

### Net premiums from insurance contracts

2008/07

Net premiums from insurance contracts increased 8% (£79m) to £1,090m (2007: £1,011m), primarily due to expansion in GRCB – Western Europe reflecting a full year's impact of a range of insurance products launched in late 2007, partially offset by lower net premiums following the sale of the closed life assurance book.

2007/06

Net premiums from insurance contracts decreased 5% (£49m) to £1,011m (2006: £1,060m), primarily due to lower customer take up of loan protection insurance.

### Other income

2008/07

Certain asset management products offered to institutional clients by Barclays Global Investors are recognised as investment contracts. Accordingly, the invested assets and the related liabilities to investors are held at fair value and changes in those fair values are reported within other income. Other income in 2008 includes a £47m gain from the Visa IPO.

2007/06

Certain asset management products offered to institutional clients by Barclays Global Investors are recognised as investment contracts. Accordingly, the invested assets and the related liabilities to investors are held at fair value and changes in those fair values are reported within other income. Other income in 2007 includes a loss on the part disposal of Monument credit card portfolio and gains on reinsurance transactions in 2007 and 2006.

### Other income

	2008 £m	2007 £m	2006 £m
(Decrease)/increase in fair value of assets held in respect of linked liabilities to customers under investment contracts	(10,422)	5,592	7,417
Decrease/(increase) in liabilities to customers under investment contracts	10,422	(5,592)	(7,417)
Property rentals	73	53	55
Loss on part disposal of Monument credit card portfolio	–	(27)	–
Other	304	162	159
<b>Other income</b>	<b>377</b>	<b>188</b>	<b>214</b>

### Net claims and benefits incurred on insurance contracts

	2008 £m	2007 £m	2006 £m
Gross claims and benefits incurred on insurance contracts	263	520	588
Reinsurers' share of claims incurred	(26)	(28)	(13)
<b>Net claims and benefits incurred on insurance contracts</b>	<b>237</b>	<b>492</b>	<b>575</b>

### Net claims and benefits incurred on insurance contracts

2008/07

Net claims and benefits incurred under insurance contracts decreased 52% (£255m) to £237m (2007: £492m), principally due to a decrease in the value of unit linked insurance contracts in Barclays Wealth; explained by falls in equity markets and disposal of closed life business in October 2008. Partially offsetting these trends is the increase in contract liabilities associated with increased net premiums driven by the growth in GRCB – Western Europe.

2007/06

Net claims and benefits incurred under insurance contracts decreased 14% (£83m) to £492m (2006: £575m), principally reflecting lower investment gains attributable to customers in Barclays Wealth.

### Impairment charges and other credit provisions

2008/07

Impairment charges in UK Retail Banking increased £43m to £602m (2007: £559m), reflecting growth in the book and deteriorating economic conditions. In UK Home Finance, whilst three month arrears increased from 0.63% to 0.91%, the quality of the book and conservative loan to value ratios meant that the impairment charges and amounts charged off remained low at £24m (2007: £3m release). Impairment charges in Consumer Lending increased 3%, reflecting the current economic environment and loan growth.

The impairment charge in Barclays Commercial Bank increased £122m to £414m (2007: £292m), primarily reflecting higher impairment losses in Larger Business, particularly in the final quarter as the UK corporate credit environment deteriorated.

The impairment charge in Barclaycard increased £270m to £1,097m (2007: £827m), reflecting higher charges in Barclaycard International portfolios, particularly Barclaycard US which was driven by loan growth, rising delinquency due to deteriorating economic conditions and exchange rate movements; and £68m from the inclusion of Goldfish. These factors were partially offset by lower charges in UK Cards and secured consumer lending.

Impairment charges in GRCB – Western Europe increased £220m to £296m (2007: £76m), principally due to deteriorating economic trends and asset growth in Spain, where there were higher charges in the commercial portfolios as a consequence of the slowdown in the property and construction sectors. In addition, higher household indebtedness and rising unemployment has driven up delinquency and charge-offs in the personal sector.

Impairment charges in GRCB – Emerging Markets increased £127m to £166m (2007: £39m), reflecting: weakening credit conditions which adversely impacted delinquency trends in the majority of the retail portfolios; asset growth, particularly in India; and increased wholesale impairment in Africa.

Impairment charges in GRCB – Absa increased £201m to £347m (2007: £146m) as a result of rising delinquency levels in the retail portfolios, which have been impacted by rising interest and inflation rates and increasing consumer indebtedness.

Barclays Capital impairment charges of £2,423m (2007: £846m) included a charge of £1,763m (2007: £782m) against ABS CDO Super Senior and other credit market positions. Further impairment charges of £241m were incurred in respect of available for sale assets and reverse repurchase agreements (2007: nil). Other impairment charges increased £355m to £419m (2007: £64m) and primarily related to charges in the private equity and other loans business.

The impairment charge in Barclays Wealth increased £37m to £44m (2007: £7m) from a very low base. This increase reflected both the substantial increase in the loan book over the last three years and the impact of the current economic environment on client liquidity and collateral values.

The impairment charge in Head office functions and other operations increased £8m to £11m (2007: £3m), mainly reflecting losses on Floating Rate Notes held for hedging purposes. An additional £19m (2007: nil) of impairment charges were incurred on available for sale assets.

### Impairment charges and other credit provisions

	2008 £m	2007 £m	2006 £m
<b>Impairment charges on loans and advances</b>			
– New and increased impairment allowances	5,116	2,871	2,722
– Releases	(358)	(338)	(389)
– Recoveries	(174)	(227)	(259)
Impairment charges on loans and advances	4,584	2,306	2,074
Charge/(release) in respect of provision for undrawn contractually committed facilities and guarantees provided	329	476	(6)
<b>Impairment charges on loans and advances and other credit provisions</b>	<b>4,913</b>	<b>2,782</b>	<b>2,068</b>
Impairment charges on reverse repurchase agreements	124	–	–
Impairment on available for sale assets	382	13	86
<b>Impairment charges and other credit provisions</b>	<b>5,419</b>	<b>2,795</b>	<b>2,154</b>
Impairment charges and other credit provisions on ABS CDO Super Senior and other credit market exposures included above:			
Impairment charges on loans and advances	1,218	300	–
Charges in respect of undrawn facilities and guarantees	299	469	–
<b>Impairment charges on loans and advances and other credit provisions on ABS CDO Super Senior and other credit market exposures</b>	<b>1,517</b>	<b>769</b>	<b>–</b>
Impairment charges on reverse repurchase agreements	54	–	–
Impairment charges on available for sale assets	192	13	–
<b>Impairment charges and other credit provisions on ABS CDO Super Senior and other credit market exposures</b>	<b>1,763</b>	<b>782</b>	<b>–</b>

## Income statement commentary

### 2007/06

Impairment charges in UK Retail Banking decreased by £76m to £559m (2006: £635m), reflecting lower charges in unsecured Consumer Lending and Local Business driven by improved collection processes, reduced flows into delinquency, lower arrears trends and stable charge-offs. In UK Home Finance, asset quality remained strong and mortgage charges remained negligible. Mortgage delinquencies as a percentage of outstandings remained stable and amounts charged off were low.

The impairment charge in Barclays Commercial Bank increased £39m to £292m (2006: £253m), primarily due to higher impairment charges in Larger Business, partially offset by a lower charge in Medium Business due to a tightening of the lending criteria.

Impairment charges in Barclaycard decreased £226m to £827m (2006: £1,053m), reflecting reduced flows into delinquency, lower levels of arrears and lower charge-offs in UK Cards. Changes were made to impairment methodologies to standardise the approach and in anticipation of Basel II. The net positive impact of these changes in methodology was offset by the increase in impairment charges in Barclaycard International and secured consumer lending.

Impairment charges in GRCB – Western Europe and GRCB – Emerging Markets rose by £47m to £115m (2006: £68m), reflecting very strong balance sheet growth in 2006 and 2007 and the impact of lower releases in 2007. Arrears in some of GRCB – Absa's retail portfolios deteriorated in 2007, driven by interest rate increases in 2006 and 2007 resulting in pressure on collections.

Barclays Capital impairment charges and other credit provisions of £846m included a charge of £782m against ABS CDO Super Senior and other credit market exposures and £58m net of fees relating to drawn leveraged finance positions.

### Operating expenses

#### 2008/07

Operating expenses increased 9% (£1,167m) to £14,366m (2007: £13,199m).

Administrative expenses grew 30% (£1,175m) to £5,153m (2007: £3,978m), reflecting the impact of acquisitions (in particular Lehman Brothers North American businesses and Goldfish), fees associated with Group capital raisings, the cost of the Financial Services Compensation Scheme as well as continued investment in the Global Retail and Commercial Banking distribution network. In addition, Barclays Global Investors' selective support of liquidity products increased to £263m in the year (2007: £80m).

Operating expenses were reduced by gains from the sale of property of £148m (2007: £267m) as the Group continued the sale and leaseback of some of its freehold portfolio, principally in UK Retail Banking, Barclays Commercial Bank and GRCB – Western Europe.

Amortisation of intangible assets increased 56% (£105m) to £291m (2007: £186m), primarily related to intangible assets arising from the acquisition of Lehman Brothers North American businesses.

Goodwill impairment of £111m reflects the full write-down of £74m relating to EquiFirst, a US non-prime mortgage originator and a partial write-down of £37m relating to FirstPlus following its closure to new business in August 2008.

### 2007/06

Operating expenses grew 4% (£525m) to £13,199m (2006: £12,674m).

The increase was driven by growth of 3% (£236m) in staff costs to £8,405m (2006: £8,169m) and lower gains on property disposals.

Administrative expenses remained flat at £3,978m (2006: £3,980m), reflecting good cost control across all businesses.

Operating lease rentals increased 20% (£69m) to £414m (2006: £345m), primarily due to increased property held under operating leases.

### Operating expenses

	2008 £m	2007 £m	2006 £m
Staff costs	7,779	8,405	8,169
Administrative expenses	5,153	3,978	3,980
Depreciation	630	467	455
Impairment charges/(releases)			
– property and equipment	33	2	14
– intangible assets	(3)	14	7
– goodwill	111	–	–
Operating lease rentals	520	414	345
Gain on property disposals	(148)	(267)	(432)
Amortisation of intangible assets	291	186	136
<b>Operating expenses</b>	<b>14,366</b>	<b>13,199</b>	<b>12,674</b>



Operating expenses were reduced by gains from the sale of property of £267m (2006: £432m) as the Group continued the sale and leaseback of some of its freehold portfolio, principally in UK Retail Banking.

Amortisation of intangible assets increased 37% (£50m) to £186m (2006: £136m), primarily reflecting the amortisation of mortgage servicing rights relating to the acquisition of HomEq in November 2006.

#### Staff costs

##### 2008/07

Staff costs decreased 7% (£626m) to £7,779m (2007: £8,405m). Salaries and accrued incentive payments fell overall by 10% (£720m) to £6,273m (2007: £6,993m), after absorbing increases of £718m relating to in year hiring and staff from acquisitions. Performance related costs were 48% lower, driven mainly by Barclays Capital.

Defined benefit plans pension costs decreased 41% (£61m) to £89m (2007: £150m). This was due to recognition of actuarial gains, higher expected return on assets and reduction in past service costs partially offset by higher interest costs and reduction in curtailment credit.

##### 2007/06

Staff costs increased 3% (£236m) to £8,405m (2006: £8,169m). Salaries and accrued incentive payments rose 5% (£358m) to £6,993m (2006: £6,635m), reflecting increased permanent and fixed term staff worldwide. Defined benefit plans pension costs decreased 47% (£132m) to £150m (2006: £282m). This was mainly due to lower service costs.

#### Staff numbers

##### 2008/07

Staff numbers are shown on a full-time equivalent basis. Total Group permanent and fixed-term contract staff comprised 60,700 (2007: 61,900) in the UK and 95,600 (2007: 73,000) internationally.

#### Staff costs

	2008	2007	2006
	£m	£m	£m
Salaries and accrued incentive payments	6,273	6,993	6,635
Social security costs	464	508	502
Pension costs			
– defined contribution plans	237	141	128
– defined benefit plans	89	150	282
Other post retirement benefits	1	10	30
Other	715	603	592
<b>Staff costs</b>	<b>7,779</b>	<b>8,405</b>	<b>8,169</b>

UK Retail Banking staff numbers decreased 300 to 30,400 (2007: 30,700). Barclays Commercial Bank staff numbers increased 600 to 9,800 (2007: 9,200), reflecting investment in product expertise, sales and risk capability and associated support areas. Barclaycard staff numbers increased 700 to 9,600 (2007: 8,900), primarily due to the transfer of staff into Absacard as a result of the acquisition of a majority stake in the South African Woolworth Financial Services business in October 2008. GRCB – Western Europe staff numbers increased 2,100 to 10,900 (2007: 8,800), reflecting expansion of the retail distribution network. GRCB – Emerging Markets staff numbers increased 8,800 to 22,700 (2007: 13,900), driven by expansion into new markets and continued investment in distribution in existing countries. GRCB – Absa staff numbers increased 1,000 to 36,800 (2007: 35,800), reflecting continued growth in the business and investment in collections capacity.

Barclays Capital staff numbers increased 6,900 to 23,100 (2007: 16,200), due principally to the acquisition of Lehman Brothers North American businesses. Barclays Global Investors staff numbers increased 300 to 3,700 (2007: 3,400). Staff numbers increased primarily in the iShares business due to continued expansion in the global ETF franchise. Barclays Wealth staff numbers increased 1,000 to 7,900 (2007: 6,900), principally due to the acquisition of the Lehman Brothers North American businesses.

##### 2007/06

Total Group permanent and fixed term contract staff comprised 61,900 (2006: 62,400) in the UK and 73,000 (2006: 60,200) internationally.

#### Staff numbers

	2008	2007	2006
UK Retail Banking	30,400	30,700	34,500
Barclays Commercial Bank	9,800	9,200	8,100
Barclaycard	9,600	8,900	9,100
GRCB – Western Europe	10,900	8,800	6,600
GRCB – Emerging Markets	22,700	13,900	7,600
GRCB – Absa	36,800	35,800	33,000
Barclays Capital	23,100	16,200	13,200
Barclays Global Investors	3,700	3,400	2,700
Barclays Wealth	7,900	6,900	6,600
Head office functions and other operations	1,400	1,100	1,200
<b>Total Group permanent and fixed-term contract staff worldwide</b>	<b>156,300</b>	<b>134,900</b>	<b>122,600</b>

## Income statement commentary

UK Retail Banking headcount decreased 3,800 to 30,700 (2006: 34,500), due to efficiency initiatives in back-office operations and the transfer of operations personnel to Barclays Commercial Bank. Barclays Commercial Bank headcount increased 1,100 to 9,200 (2006: 8,100) due to the transfer of operations personnel from UK Retail Banking and additional investment in front line staff to drive improved geographical coverage. Barclaycard staff numbers decreased 200 to 8,900 (2006: 9,100), due to efficiency initiatives implemented across the UK operation and the sale of part of the Monument card portfolio, partially offset by an increase in the International cards businesses. GRCB – Western Europe staff numbers increased 2,200 to 8,800 (2006: 6,600) and GRCB – Emerging Markets staff numbers increased 6,300 to 13,900 (2006: 7,600) due to growth in the distribution network. GRCB – Absa staff numbers increased 2,800 to 35,800 (2006: 33,000) reflecting growth in the business and distribution network.

Barclays Capital staff numbers increased 3,000 to 16,200 (2006: 13,200) including 800 from the acquisition of EquiFirst. This reflected further investment in the front office, systems development and control functions to support continued business expansion. The majority of organic growth was in Asia Pacific. Barclays Global Investors staff numbers increased 700 to 3,400 (2006: 2,700). Headcount increased in all geographical regions and across product groups and the support functions, reflecting continued investment to support further growth. Barclays Wealth staff numbers increased 300 to 6,900 (2006: 6,600) principally due to the acquisition of Walbrook and increased client-facing professionals.

### Share of post-tax results of associates and joint ventures 2008/07

The overall share of post-tax results of associates and joint ventures decreased £28m to £14m (2007: £42m). The share of results from associates decreased £11m mainly due to reduced contribution from private equity associates. The share of results from joint ventures decreased £17m mainly due to reduced contribution from Barclays Capital joint ventures.

#### 2007/06

The overall share of post-tax results of associates and joint ventures decreased £4m to £42m (2006: £46m). The share of results from associates decreased £20m mainly due to the sale of FirstCaribbean International Bank (2006: £41m) at the end of 2006, partially offset by an increased contribution from private equity associates. The share of results from joint ventures increased by £16m mainly due to the contribution from private equity entities.

### Profit on disposal of subsidiaries, associates and joint ventures 2008/07

On 31st October 2008 Barclays completed the sale of Barclays Life Assurance Company Ltd to Swiss Reinsurance Company for a net consideration of £729m leading to a net profit on disposal of £326m.

#### 2007/06

The profit on disposal in 2007 related mainly to the disposal of the Group's shareholdings in Gabetti Property Solutions (£8m) and Intelenet Global Services (£13m).

### Share of post-tax results of associates and joint ventures

	2008	2007	2006
	£m	£m	£m
Profit from associates	22	33	53
(Loss)/profit from joint ventures	(8)	9	(7)
<b>Share of post-tax results of associates and joint ventures</b>	<b>14</b>	<b>42</b>	<b>46</b>

### Profit on disposal of subsidiaries, associates and joint ventures

	2008	2007	2006
	£m	£m	£m
Profit on disposal of subsidiaries, associates and joint ventures	327	28	323

## Gains on acquisitions

### 2008/07

The gains on acquisitions in 2008 relate to the acquisition of Lehman Brothers North American businesses (£2,262m) on 22nd September 2008, Goldfish credit card UK business (£92m) on 31st March 2008 and Macquarie Bank Limited Italian residential mortgage business (£52m) on 6th November 2008.

## Tax

The overall tax charge is explained in the table below.

### 2008/07

The effective rate of tax for 2008, based on profit before tax, was 13% (2007: 28%). The effective tax rate differs from the 2007 effective rate and the UK corporation tax rate of 28.5% principally due to the Lehman Brothers North American businesses acquisition. Under IFRS the gain on acquisition of £2,262m is calculated net of deferred tax liabilities included in the acquisition balance sheet and is thus not subject to further tax in calculating the tax charge for the year. Furthermore, Barclays has tax losses previously unrecognised as a deferred tax asset but capable of sheltering part of this deferred tax liability. This gives rise to a tax benefit of £492m which, in accordance with IAS 12, is included as a credit within the tax charge for the year. The effective rate has been adversely impacted by the effect of the fall in the Barclays share price on the deferred tax asset recognised on share awards. In common with prior years there have been offsetting adjustments relating to different overseas tax rates, disallowable expenditure and non-taxable gains and income.

### 2007/06

The tax charge for the period was based on a UK corporation tax rate of 30% (2006: 30%). The effective rate of tax for 2007, based on profit before tax, was 28% (2006: 27%). The effective tax rate differed from 30% as it took account of the different tax rates applied to profits earned outside the UK, non-taxable gains and income and adjustments to prior year tax provisions. The forthcoming change in the UK rate of corporation tax from 30% to 28% on 1st April 2008 led to an additional tax charge in 2007 as a result of its effect on the Group's net deferred tax asset. The effective tax rate for 2007 was higher than the 2006 rate, principally because there was a higher level of profit on disposals of subsidiaries, associates and joint ventures offset by losses or exemptions in 2006.

## Gains on acquisitions

	2008 £m	2007 £m	2006 £m
Gains on acquisitions	2,406	–	–

## Tax

	2008 £m	2007 £m	2006 £m
Profit before tax	6,077	7,076	7,136
Tax charge at average UK corporation tax rate of 28.5% (2007: 30%, 2006: 30%)	1,732	2,123	2,141
Prior year adjustments	(176)	(37)	24
Differing overseas tax rates	215	(77)	(17)
Non-taxable gains and income (including amounts offset by unrecognised tax losses)	(833)	(136)	(393)
Share-based payments	229	72	27
Deferred tax assets not previously recognised	(514)	(158)	(4)
Change in tax rates	(1)	24	4
Other non-allowable expenses	138	170	159
Overall tax charge	790	1,981	1,941
Effective tax rate	13%	28%	27%

## 2009 Strategic Framework

Our framework for moving the strategy forward in 2009 has the following features:

- **Responsible corporate citizenship.** Governments in the UK and elsewhere have taken significant steps to address the impacts of the financial crisis and recession, and we must work with the authorities and, of course, with our customers, to deal with the crisis in a way which is consistent with our obligations to shareholders.
- We have committed to recommencing **dividend** payments during the second half of 2009. Thereafter, and as previously announced, dividend payments will be made on a quarterly basis. We will set out our dividend policy at the Annual General Meeting in April.
- We must ensure that our **capital position** is robust and our **balance sheet** well-managed. We set out within the Financial Review our approach to managing leverage in the balance sheet, and our expectations for capital ratios. For 2009, returns will rank ahead of growth.
- To create good returns at this time, we must preserve **strategic and operational choice**. As conditions remain very difficult in 2009, we expect that there will be considerable value at stake for our shareholders in decisions that we take relating to resource utilisation, capital allocation and risk management. Our objective over time is to ensure that the cost of the capital we raised last November is covered many times over by the benefits of pursuing our strategy.
- We must deliver **solid profitability** notwithstanding the global downturn. Our diversified income streams have served us well in recent years and have enabled us to absorb substantial costs from the financial crisis. We expect them to continue to do so.
- We will seek to manage **the composition of our profits, and capital allocation**, to ensure that we optimise returns from our universal banking business model. What does this mean? It is clear to us that in the future there will be more capital in the banking system, and less leverage, particularly in capital markets businesses. This will be true at Barclays too, and will govern our approach to capital allocation and expected returns. We expect to see balance sheet utilisation by Barclays Capital fall over time, which will help us to deliver strengthening returns. We believe that the businesses that we have built from the integration of Lehman Brothers North American businesses and Barclays Capital will help in this regard, since the capital intensity of the advisory businesses in M&A and of the flow businesses in fixed income, currencies, equities and credit will be lower, once we have managed down our credit market exposures.

## Outlook

We expect 2009 to be another challenging year with continuing downturns or recessions in many of the economies in which we are represented. In 2008 our profits were reduced by the impacts of substantial gross credit market losses. In 2009, we expect the impact of such credit market losses to be lower. Whilst we are confident in the relative quality of our major books of assets, we also expect the recessionary environments in the UK, Spain, South Africa and the US to increase the loan loss rates on our loans and advances.

Governments in the UK and elsewhere have taken significant measures to assist borrowers and lenders in response to the emerging recession, including reducing official interest rates. The low interest rate environment will have the impact of substantially reducing the spread generated on our retail and commercial banking deposits, particularly in the UK, but we expect the combined impact of these government measures to be positive for the economy in time.

## 2009 Trading

Customer and client activity levels were high in the first month of 2009, and we have had a good start to the year. In particular, the operating performance of Barclays Capital, benefiting from the now complete integration of the Lehman Brothers North American businesses, was extremely strong. The trends that lie behind the strong operating performance in Global Retail and Commercial Banking in 2008 were again observable in its performance in January.

## Recent Developments

As reported in note 35 of the financial statements, in March 2007 the United States Court of Appeals for the Fifth Circuit issued a decision that the Newby litigation relating to Enron could not proceed against Barclays as a class action because the plaintiffs had not alleged a proper claim against Barclays. On 5th March 2009, the District Court granted summary judgment in Barclays favour on plaintiffs' claims against Barclays. The District Court also denied plaintiffs' request to amend the complaint to assert revised claims against Barclays on behalf of the putative class. Plaintiffs' time in which to file an appeal regarding the District Court's 5th March 2009 decision has not yet expired. For further information on the Newby litigation, see note 35 of the financial statements.

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# Consolidated balance sheet

## As at 31st December

	2008	2007	2006	2005	2004
	£m	£m	£m	£m	£m <sup>a</sup>
<b>Assets</b>					
Cash and other short-term funds	31,714	7,637	9,753	5,807	3,525
Treasury bills and other eligible bills	n/a	n/a	n/a	n/a	6,658
Trading portfolio and financial assets designated at fair value	306,836	341,171	292,464	251,820	n/a
Derivative financial instruments	984,802	248,088	138,353	136,823	n/a
Debt securities and equity securities	n/a	n/a	n/a	n/a	141,710
Loans and advances to banks	47,707	40,120	30,926	31,105	80,632
Loans and advances to customers	461,815	345,398	282,300	268,896	262,409
Available for sale financial investments	64,976	43,072	51,703	53,497	n/a
Reverse repurchase agreements and cash collateral on securities borrowed	130,354	183,075	174,090	160,398	n/a
Other assets	24,776	18,800	17,198	16,011	43,247
<b>Total assets</b>	<b>2,052,980</b>	<b>1,227,361</b>	<b>996,787</b>	<b>924,357</b>	<b>538,181</b>
<b>Liabilities</b>					
Deposits and items in the course of collection due to banks	116,545	92,338	81,783	77,468	112,229
Customer accounts	335,505	294,987	256,754	238,684	217,492
Trading portfolio and financial liabilities designated at fair value	136,366	139,891	125,861	104,949	n/a
Liabilities to customers under investment contracts	69,183	92,639	84,637	85,201	n/a
Derivative financial instruments	968,072	248,288	140,697	137,971	n/a
Debt securities in issue	149,567	120,228	111,137	103,328	83,842
Repurchase agreements and cash collateral on securities lent	182,285	169,429	136,956	121,178	n/a
Insurance contract liabilities, including unit-linked liabilities	2,152	3,903	3,878	3,767	8,377
Subordinated liabilities	29,842	18,150	13,786	12,463	12,277
Other liabilities	16,052	15,032	13,908	14,918	87,200
<b>Total liabilities</b>	<b>2,005,569</b>	<b>1,194,885</b>	<b>969,397</b>	<b>899,927</b>	<b>521,417</b>
<b>Shareholders' equity</b>					
Shareholders' equity excluding minority interests	36,618	23,291	19,799	17,426	15,870
Minority interests	10,793	9,185	7,591	7,004	894
<b>Total shareholders' equity</b>	<b>47,411</b>	<b>32,476</b>	<b>27,390</b>	<b>24,430</b>	<b>16,764</b>
<b>Total liabilities and shareholders' equity</b>	<b>2,052,980</b>	<b>1,227,361</b>	<b>996,787</b>	<b>924,357</b>	<b>538,181</b>

## Risk weighted assets and capital ratios <sup>b</sup>

Risk weighted assets	433,302	353,878	297,833	269,148	218,601
Tier 1 ratio	8.6%	7.6%	7.7%	7.0%	7.6%
Risk asset ratio	13.6%	11.2%	11.7%	11.3%	11.5%

## Selected financial and other statistics

Net asset value per ordinary share	437p	353p	303p	269p	246p
Number of ordinary shares of Barclays PLC (in millions)	8,372	6,601	6,535	6,490	6,454
Year-end United States Dollar exchange rate used in preparing the accounts	1.46	2.00	1.96	1.72	1.92
Year-end Euro exchange rate used in preparing the accounts	1.04	1.36	1.49	1.46	1.41
Year-end Rand exchange rate used in preparing the accounts	13.74	13.64	13.71	10.87	10.86

The financial information above is extracted from the published accounts for the last three years. This information should be read together with, and is qualified by reference to, the accounts and Notes included in this report.

## Notes

- a** Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.
- b** Risk weighted assets and capital ratios for 2006, 2005 and 2004 are calculated on a Basel I basis. Risk weighted assets and capital ratios for 2008 and 2007 are calculated on a Basel II basis. Capital ratios for 2004 are based on UK GAAP and have not been restated as these remain as reported to the Financial Services Authority (FSA). As at 1st January 2005 the Tier 1 ratio was 7.1% and the risk asset ratio was 11.8% reflecting the impact of IFRS including the adoption of IAS 32, IAS 39 and IFRS 4.

## Financial review

## Balance sheet commentary

### Balance sheet

Total assets increased £826bn to £2,053bn in 2008. Of this increase, £737bn was attributable to an increase in derivative assets and £124bn was attributable to increased loans and advances. All other assets declined by £35bn.

### Shareholders' equity

Shareholders' equity, excluding minority interests increased, nearly 57% from £23bn at the end of 2007 to £37bn at the end of 2008. The main drivers for this were: equity issuances in July and September of £5.0bn; equity impact of issuing Mandatorily Convertible Notes and Warrants of £4.4bn; and after-tax profits of £5.3bn. Other reserves increased £1.6bn and we paid dividends of £2.3bn.

### Capital management

At 31st December 2008, on a Basel II basis the equity Tier 1 ratio was 6.7% and the Tier 1 ratio was 9.7%, both stated on a basis to reflect conversion into ordinary shares of the Mandatorily Convertible Notes and inclusion of all innovative Tier 1 capital. Capital ratios reflect a 22% increase in risk weighted assets to £433bn during the year. This was driven by the combined impacts on risk weighted assets of the weakening of Sterling and the pro-cyclical effects of the International Basel Accord as well as lending growth in 2008. The capital ratios reflect this risk weighted asset growth and benefited from the significant increases in our capital over the course of 2008. The pro forma ratios significantly exceed the minimum levels established by the UK Financial Services Authority.

On 19th January 2009 the UK government announced, amongst other measures, an asset protection scheme under which banks may insure certain assets on their balance sheet. We are working with the Tripartite Authorities (Her Majesty's Treasury, Bank of England and the

UK Financial Services Authority) to determine the terms on which, and the extent to which, we would wish to participate in the scheme. The procuring of such insurance could have the effect of reducing risk weighted assets. The UK Financial Services Authority also announced on 19th January 2009 a programme of work to reduce significantly the requirement for additional capital raising from the pro-cyclical effects of the International Basel Accord.

We expect a single digit percentage rate of risk weighted asset growth in 2009.

We expect to maintain the equity Tier 1 ratio and Tier 1 ratio at levels which significantly exceed the minimum requirements of the UK Financial Services Authority for the duration of the current period of financial and economic stress.

### Foreign Currency Translation

Assets and risk weighted assets were affected by the decline in value of Sterling relative to other currencies during 2008, particularly in the last two months of the year. Over the course of the year, Sterling depreciated by 37% relative to the US Dollar and 31% relative to the Euro. We estimate that currency movements contributed £60bn to risk weighted assets.

Our hedging strategy in respect of net investments in foreign currencies is designed to mitigate against the impact of such movements on our capital ratios. In this regard, equity and Tier 1 capital ratios are hedged to approximately 75%, 30% and 100% of the movements in US Dollar, Euro and South African Rand respectively against Sterling.

The currency translation reserve increased by £3.1bn year on year. This reflected foreign exchange movements in foreign currency net investments which are largely economically hedged through preference share capital (denominated in US Dollars and Euros) that is not revalued for accounting purposes.



## Balance sheet commentary

### Total assets and risk weighted assets<sup>a</sup> 2008/07

Total assets increased 67% to £2,053.0bn (2007: £1,227.4bn). Risk weighted assets increased 22% to £433.3bn (2007: £178.8bn).

UK Retail Banking total assets increased 15% to £101.4bn (31st December 2007: £88.5bn) driven by growth in mortgage balances. Risk weighted assets decreased 3% to £30.5bn (31st December 2007: £31.5bn) as lending growth mainly in high quality, low risk mortgages was more than offset in capital terms by active risk management.

Barclays Commercial Bank total assets grew 13% to £84.0bn (31st December 2007: £74.6bn) driven by higher loans and advances. Risk weighted assets increased 11% to £63.1bn (31st December 2007: £57.0bn). This was slightly lower than asset growth, reflecting a relative increase in lower risk portfolios.

Barclaycard total assets increased 40% to £30.9bn (31st December 2007: £22.1bn) reflecting increases in International assets, the acquisition of Goldfish and the appreciation of the Euro and US Dollar against Sterling. Risk weighted assets increased 35% to £27.3bn (31st December 2007: £20.2bn), driven by acquisitions, the redemption of securitisation deals and exposure growth predominantly in the US.

GRCB – Western Europe total assets grew 48% to £64.7bn (31st December 2007: £43.7bn) reflecting growth in retail mortgages, unsecured lending, commercial lending and a 31% appreciation over the year in the value of the Euro against Sterling. Risk weighted assets increased 46% to £36.5bn (31st December 2007: £25.0bn), primarily reflecting underlying lending growth and the appreciation of the Euro.

GRCB – Emerging Markets total assets grew 60% to £14.7bn (31st December 2007: £9.2bn) reflecting increases in retail and commercial lending combined with the impact of Sterling depreciation. Risk weighted assets increased 44% to £15.1bn (31st December 2007: £10.5bn), reflecting portfolio growth.

GRCB – Absa total assets increased 11% to £40.4bn (31st December 2007: £36.4bn) reflecting broad based asset growth. Risk weighted assets increased 6% to £18.8bn (31st December 2007: £17.8bn), reflecting balance sheet growth.

Barclays Capital total assets increased 94% (£789.2bn) to £1,629.1bn (31st December 2007: £839.9bn) due to an increase in derivative assets of £736.7bn, predominantly driven by significant volatility and movements in yield curves during the year, together with a substantial depreciation in Sterling against most major currencies. Risk weighted assets increased 28% to £227.4bn (31st December 2007: £178.2bn). This was driven by the depreciation in Sterling against the US Dollar and Euro, and an increase in market volatility.

Barclays Global Investors total assets decreased 20% to £71.3bn (31st December 2007: £89.2bn), mainly attributable to adverse market movements in certain asset management products recognised as investment contracts. Risk weighted assets decreased 11% to £3.9bn (31st December 2007: £4.4bn) mainly attributed to changes in the asset class mix, partially offset by the weakening of Sterling against other currencies.

Barclays Wealth total assets decreased 27% to £13.3bn (31st December 2007: £18.2bn) reflecting the sale of the closed life assurance business partially offset by strong growth in lending to high net worth and intermediary clients. Risk weighted assets increased 26% to £10.3bn (31st December 2007: £8.2bn) reflecting strong growth in lending.

Head office functions and other operations total assets decreased 46% to £3.1bn (31st December 2007: £5.7bn). Risk weighted assets decreased 64% to £0.4bn (31st December 2007: £1.1bn). The decrease in the year was mainly attributable to the increased netting of Group deferred tax assets and liabilities.

### Total assets by business

	2008	2007	2006
	£m	£m	£m
UK Retail Banking	101,384	88,477	81,693
Barclays Commercial Bank	84,029	74,566	66,224
Barclaycard	30,925	22,121	20,033
GRCB – Western Europe	64,732	43,702	33,487
GRCB – Emerging Markets	14,653	9,188	5,219
GRCB – Absa	40,391	36,368	29,575
Barclays Capital	1,629,117	839,850	657,922
Barclays Global Investors	71,340	89,218	80,515
Barclays Wealth	13,263	18,188	15,023
Head office functions and other operations	3,146	5,683	7,096
<b>Total assets</b>	<b>2,052,980</b>	<b>1,227,361</b>	<b>996,787</b>

### Risk weighted assets by business

	2008 <sup>b</sup>	2007 <sup>b</sup>	2007	2006
	Basel II	Basel II	Basel I	Basel I
	£m	£m	£m	£m
UK Retail Banking	30,491	31,463	46,059	43,020
Barclays Commercial Bank	63,081	57,040	54,325	50,302
Barclaycard	27,316	20,199	19,690	16,873
GRCB				
– Western Europe	36,480	24,971	24,462	17,567
GRCB				
– Emerging Markets	15,080	10,484	6,050	3,255
GRCB – Absa	18,846	17,829	22,448	19,809
Barclays Capital	227,448	178,206	169,124	137,635
Barclays Global Investors	3,910	4,369	1,994	1,375
Barclays Wealth	10,300	8,216	7,692	6,077
Head office functions and other operations	350	1,101	1,632	1,920
<b>Total risk weighted assets</b>	<b>433,302</b>	<b>353,878</b>	<b>353,476</b>	<b>297,833</b>

### Notes

- a** The 2008/07 commentary on risk weighted assets is on a Basel II basis. The 2007/06 commentary is on a Basel I basis.
- b** Under the Group's securitisation programme, certain portfolios subject to securitisation or similar risk transfer transaction are adjusted in calculating the Group's risk weighted assets. Previously, for pre-2008 transactions, regulatory capital adjustments were allocated to the business in proportion to their RWAs. From 1st January 2008, the regulatory capital adjustments for all transactions are allocated to the business undertaking the securitisation unless the transaction has been undertaken for the benefit of a cluster of businesses, in which case the regulatory capital adjustments are shared.

**2007/06**

Total assets increased 23% to £1,227.4bn (2006: £996.8bn). Risk weighted assets increased 19% to £353.5bn (2006: £297.8bn). Loans and advances to customers that have been securitised increased £4.3bn to £28.7bn (2006: £24.4bn).

UK Retail Banking total assets increased 8% to £88.5bn (2006: £81.7bn). This was mainly attributable to growth in mortgage balances. Risk weighted assets increased by 7% to £46.1bn (2006: £43.0bn) with growth in mortgages partially offset by an increase in securitised balances and other reductions.

Barclays Commercial Bank total assets grew 13% to £74.6bn (2006: £66.2bn) driven by good growth across lending products. Risk weighted assets increased 8% to £54.3bn (2006: £50.3bn), reflecting asset growth partially offset by increased regulatory netting and an increase in securitised balances.

Barclaycard total assets increased 11% to £22.1bn (2006: £20.0bn). Risk weighted assets increased 17% to £19.7bn (2006: £16.9bn), primarily reflecting the increase in total assets, redemption of securitisation transactions, partially offset by changes to the treatment of regulatory associates and the sale of part of the Monument card portfolio.

GRCB – Western Europe total assets grew 31% to £43.7bn (2006: £33.5bn). This growth was mainly driven by increases in retail mortgages and unsecured lending. Risk weighted assets increased 39% to £24.5bn (2006: £17.6bn), reflecting asset growth.

GRCB – Emerging Markets total assets grew by 76% to £9.2bn (2006: £5.2bn). This growth was driven by increases in unsecured lending. Risk weighted assets increased 86% to £6.1bn (2006: £3.3bn), reflecting asset growth.

GRCB – Absa total assets increased 23% to £36.4bn (2006: £29.6bn), primarily driven by increases in mortgages, credit cards and commercial property finance. Risk weighted assets increased 13% to £22.4bn (2006: £19.8bn), reflecting balance sheet growth.

Barclays Capital total assets rose 28% to £839.9bn (2006: £657.9bn). Derivative assets increased £109.7bn primarily due to movements across a range of market indices. This was accompanied by a corresponding increase in derivative liabilities. The increase in non-derivative assets reflects an expansion of the business across a number of asset classes, combined with an increase in drawn leveraged loan positions and mortgage-related assets. Risk weighted assets increased 23% to £169.1bn (2006: £137.6bn) reflecting growth in fixed income, equities and credit derivatives.

Barclays Global Investors total assets increased 11% to £89.2bn (2006: £80.5bn), mainly attributable to growth in certain asset management products recognised as investment contracts. The majority of total assets relates to asset management products with equal and offsetting balances reflected within liabilities to customers. Risk weighted assets increased 45% to £2.0bn (2006: £1.4bn) mainly attributable to overall growth in the balance sheet and the mix of securities lending activity.

Barclays Wealth total assets increased 21% to £18.2bn (2006: £15.0bn) reflecting strong growth in lending to high net worth, affluent and intermediary clients. Risk weighted assets increased 27% to £7.7bn (2006: £6.1bn) reflecting the increase in lending.

Head office functions and other operations total assets decreased 20% to £5.7bn (2006: £7.1bn). Risk weighted assets decreased 15% to £1.6bn (2006: £1.9bn).

**Adjusted gross leverage**

The adjusted gross leverage ratio is defined as the multiple of adjusted total tangible assets over total qualifying Tier 1 capital. Adjusted total tangible assets are total assets less derivative counterparty netting, assets under management on the balance sheet, settlement balances, goodwill and tangible assets. Tier 1 capital is defined by the UK FSA. Adjusted gross leverage is a non-IFRS measure. However, Barclays management believes that this measure provides valuable information to readers of Barclays financial statements because there will be more capital and less leverage in the banking system, as a key measure of stability, which is consistent with the views of regulators and investors. However, this measure is not a substitute for IFRS measures and readers should consider IFRS measures as well.

Volatility in reference rates and yield curves used for pricing have led to significantly higher values for derivative assets and liabilities. Limited netting is permitted under IFRS, even for receivables and payables with the same counterparty where there are contractually agreed netting arrangements. Derivative assets and liabilities would be £917bn (2007: £215bn) lower than reported under IFRS if netting were permitted for assets and liabilities with the same counterparty or for which we hold cash collateral.

Assets and liabilities also include amounts held under investment contracts with third parties of a further £69bn as at 31st December 2008 (2007: £93bn). These constitute asset management products offered to institutional pension funds which are required to be recognised as financial instruments. Changes in value in these assets are entirely to the account of the beneficial owner of the asset.

Excluding these items, settlement balances, goodwill and intangible assets, our adjusted total tangible assets were £1,026bn at 31st December 2008 (2007: £888bn). On this basis we define adjusted gross leverage, being the multiple of adjusted total tangible assets over total qualifying Tier 1 capital. At 31st December 2008 adjusted gross leverage was 28x (2007: 33x).

We expect adjusted gross leverage to improve further over time.

**Adjusted gross leverage**

	2008 £m	2007 £m
Total assets	2,052,980	1,227,361
Counterparty net/ collateralised derivatives	(917,074)	(215,485)
Financial assets designated at fair value and associated cash balances – held in respect of linked liabilities to customers under investment contracts	(69,183)	(92,639)
Net settlement balances	(29,786)	(22,459)
Goodwill and intangible assets	(10,402)	(8,296)
<b>Adjusted total tangible assets</b>	<b>1,026,535</b>	<b>888,482</b>
<b>Total qualifying Tier 1 capital</b>	<b>37,250</b>	<b>26,743</b>
<b>Adjusted gross leverage</b>	<b>28</b>	<b>33</b>



## Balance sheet commentary

### Total shareholders' equity

#### 2008/07

Total shareholders' equity increased £14,935m to £47,411m (2007: £32,476m).

Called up share capital comprises 8,372 million ordinary shares of 25p each (2007: 6,600 million ordinary shares of 25p each and 1 million staff shares of £1 each).

Retained earnings increased £3,238m to £24,208m (2007: £20,970m). Profit attributable to the equity holders of the parent of £4,382m and the proceeds of capital raising of £1,410m were partially offset by dividends paid to shareholders of £2,344m. Other equity of £3,652m represents the issue of Mandatorily Convertible Notes, which will convert into ordinary shares by June 2009.

Movements in other reserves, except the capital redemption reserve, reflect the relevant amounts recorded in the consolidated statement of recognised income and expense on page 206.

Minority interests increased £1,608m to £10,793m (2007: £9,185m). The increase primarily reflects a preference share issuance by Barclays Bank PLC of £1,345m.

The Group's authority to buy-back equity shares was renewed at the 2008 AGM.

#### 2007/06

Total shareholders' equity increased £5,086m to £32,476m (2006: £27,390m).

Called up share capital comprises 6,600 million (2006: 6,535 million) ordinary shares of 25p each and 1 million (2006: 1 million) staff shares of £1 each. Called up share capital increased by £17m representing the nominal value of shares issued to Temasek Holdings, China Development Bank (CDB) and employees under share option plans largely offset by a reduction in nominal value arising from share buy-backs. Share premium

reduced by £5,762m; the reclassification of £7,223m to retained earnings resulting from the High Court approved cancellation of share premium was partly offset by additional premium arising on the issuance to CDB and on employee options. The capital redemption reserve increased by £75m representing the nominal value of the share buy-backs.

Retained earnings increased by £8,801m. Increases primarily arose from profit attributable to equity holders of the parent of £4,417m, the reclassification of share premium of £7,223m and the proceeds of the Temasek issuance in excess of nominal value of £941m. Reductions primarily arose from external dividends paid of £2,079m and the total cost of share repurchases of £1,802m.

Movements in other reserves, except the capital redemption reserve, reflect the relevant amounts recorded in the consolidated statement of recognised income and expense on page 206.

Minority interests increased £1,594m to £9,185m (2006: £7,591m). The increase was primarily driven by preference share issuances of £1,322m and an increase in the minority interest in Absa of £225m.

The Group's authority to buy-back equity shares was renewed at the 2007 AGM.

### Barclays Bank PLC

Preference shares issued by Barclays Bank PLC are included within share capital and share premium in the Barclays Bank PLC Group but represent minority interests in the Barclays PLC Group. Certain issuances of reserve capital instruments and capital notes by Barclays Bank PLC are included within other shareholders' equity in the Barclays Bank PLC Group but represent minority interests in Barclays PLC Group. The Mandatorily Convertible Notes issued pursuant to the equity issuances by Barclays PLC represent financial liabilities in the financial statements of Barclays Bank PLC and have not been included in shareholders' equity.

### Total shareholders' equity

	2008 £m	2007 £m	2006 £m
<b>Barclays PLC Group</b>			
Called up share capital	2,093	1,651	1,634
Share premium account	4,045	56	5,818
Other equity	3,652	–	–
Available for sale reserve	(1,190)	–	132
Cash flow hedging reserve	132	26	(230)
Capital redemption reserve	394	384	309
Other capital reserve	617	617	617
Currency translation reserve	2,840	(307)	(438)
Other reserves	2,793	874	390
Retained earnings	24,208	20,970	12,169
Less: Treasury shares	(173)	(260)	(212)
Shareholders' equity excluding minority interests	36,618	23,291	19,799
Minority interests	10,793	9,185	7,591
<b>Total shareholders' equity</b>	<b>47,411</b>	<b>32,476</b>	<b>27,390</b>

### Total shareholders' equity

	2008 £m	2007 £m	2006 £m
<b>Barclays Bank PLC Group</b>			
Called up share capital	2,398	2,382	2,363
Share premium account	12,060	10,751	9,452
Available for sale reserve	(1,249)	111	184
Cash flow hedging reserve	132	26	(230)
Currency translation reserve	2,840	(307)	(438)
Other reserves	1,723	(170)	(484)
Other shareholders' equity	2,564	2,687	2,534
Retained earnings	22,457	14,222	11,556
Shareholders' equity excluding minority interests	41,202	29,872	25,421
Minority interests	2,372	1,949	1,685
<b>Total shareholders' equity</b>	<b>43,574</b>	<b>31,821</b>	<b>27,106</b>

## Financial review

## Capital management

## Capital resources

Tier 1 capital increased by £10.5bn during the year, driven by issues of ordinary shares (£5.2bn), other capital issuances (£4.3bn), retained profits (£2.0bn) and exchange rate movements (£3.2bn). These movements were partially offset by an increase in intangible assets (£1.3bn), innovative Tier 1 capital in excess of regulatory limits being reclassified as Tier 2 capital (£1.3bn) and the reversal of gains on own credit, net of tax (£1.2bn).

Tier 2 capital increased by £8.5bn due to issuance of loan capital (£3.6bn) net of redemptions (£1.1bn), inclusion of innovative capital in excess of the Tier 1 limits (£1.3bn), increases in collective impairment (£1.2bn) and exchange rate movements (£3.9bn).

The Mandatorily Convertible Notes (MCNs) issued during the year (£4.1bn) will qualify as equity capital from the date of their conversion, on or before 30th June 2009.

All capital issuance referred to above is stated gross of issue costs.

## Capital ratios

	Basel II 2008		Basel II 2007		Basel I 2007		Basel I 2006	
	Barclays PLC Group	Barclays Bank PLC Group	Barclays PLC Group	Barclays Bank PLC Group	Barclays PLC Group	Barclays Bank PLC Group	Barclays PLC Group	Barclays Bank PLC Group
Capital ratios	%	%	%	%	%	%	%	%
Tier 1 ratio	8.6	8.6	7.6	7.3	7.8	7.5	7.7	7.5
Risk asset ratio	13.6	13.5	11.2	11.0	12.1	11.8	11.7	11.5
<b>Risk weighted assets</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>
Credit risk	266,912	266,912	244,474	244,469	265,264	265,259	233,630	233,630
Counterparty risk	70,902	70,902	41,203	41,203	51,947	51,947	33,912	33,912
Market risk	65,372	65,372	39,812	39,812	36,265	36,265	30,291	30,291
Operational risk	30,116	30,116	28,389	28,389	n/a	n/a	n/a	n/a
<b>Total risk weighted assets</b>	<b>433,302</b>	<b>433,302</b>	<b>353,878</b>	<b>353,873</b>	<b>353,476</b>	<b>353,471</b>	<b>297,833</b>	<b>297,833</b>

## Total net capital resources

Capital resources (as defined for regulatory purposes)	£m	£m	£m	£m	£m	£m	£m	£m
Tier 1								
Called up share capital	2,093	2,338	1,651	2,382	1,651	2,382	1,634	2,363
Eligible reserves	31,156	36,639	22,939	26,028	22,526	25,615	19,608	21,700
Minority interests	13,915	8,038	10,551	5,857	10,551	5,857	7,899	4,528
Tier One Notes	1,086	1,086	899	899	899	899	909	909
Less: Intangible assets	(9,964)	(9,964)	(8,191)	(8,191)	(8,191)	(8,191)	(7,045)	(7,045)
Less: Deductions from Tier 1 capital	(1,036)	(1,036)	(1,106)	(1,106)	(28)	(28)	–	–
<b>Total qualifying Tier 1 capital</b>	<b>37,250</b>	<b>37,101</b>	<b>26,743</b>	<b>25,869</b>	<b>27,408</b>	<b>26,534</b>	<b>23,005</b>	<b>22,455</b>
Tier 2								
Revaluation reserves	26	26	26	26	26	26	25	25
Available for sale equity	122	122	295	295	295	295	221	221
Collectively assessed impairment allowances	1,654	1,654	440	440	2,619	2,619	2,556	2,556
Minority interests	607	607	442	442	442	442	451	451
Qualifying subordinated liabilities								
Undated loan capital	6,745	6,768	3,191	3,191	3,191	3,191	3,180	3,180
Dated loan capital	14,215	14,215	10,578	10,578	10,578	10,578	7,603	7,603
Less: Deductions from Tier 2 capital	(1,036)	(1,036)	(1,106)	(1,106)	(28)	(28)	–	–
<b>Total qualifying Tier 2 capital</b>	<b>22,333</b>	<b>22,356</b>	<b>13,866</b>	<b>13,866</b>	<b>17,123</b>	<b>17,123</b>	<b>14,036</b>	<b>14,036</b>
Less: Regulatory deductions								
Investments not consolidated for supervisory purposes	(403)	(403)	(633)	(633)	(633)	(633)	(982)	(982)
Other deductions	(453)	(561)	(193)	(193)	(1,256)	(1,256)	(1,348)	(1,348)
Total deductions	(856)	(964)	(826)	(826)	(1,889)	(1,889)	(2,330)	(2,330)
<b>Total net capital resources</b>	<b>58,727</b>	<b>58,493</b>	<b>39,783</b>	<b>38,909</b>	<b>42,642</b>	<b>41,768</b>	<b>34,711</b>	<b>34,161</b>



## Additional financial disclosure

### Deposits and short-term borrowings

#### Deposits

Deposits include deposits from banks and customers accounts.

	Average: year ended 31st December		
	2008 £m	2007 £m	2006 £m
<b>Deposits from banks</b>			
Customers in the United Kingdom	14,003	15,321	12,832
Customers outside the United Kingdom:			
Other European Union	38,210	33,162	30,116
United States	15,925	6,656	7,352
Africa	3,110	4,452	4,140
Rest of the World	36,599	36,626	35,013
<b>Total deposits from banks</b>	<b>107,847</b>	<b>96,217</b>	<b>89,453</b>
<b>Customer accounts</b>			
Customers in the United Kingdom	206,020	187,249	173,767
Customers outside the United Kingdom:			
Other European Union	30,909	23,696	22,448
United States	31,719	21,908	17,661
Africa	35,692	29,855	23,560
Rest of the World	27,653	23,032	19,992
<b>Customer accounts</b>	<b>331,993</b>	<b>285,740</b>	<b>257,428</b>

Deposits from banks in offices in the United Kingdom received from non-residents amounted to £63,284m (2007: £45,162m).

	Year ended 31st December		
	2008 £m	2007 £m	2006 £m
<b>Customer accounts</b>	<b>335,505</b>	<b>294,987</b>	<b>256,754</b>
<b>In offices in the United Kingdom:</b>			
Current and Demand accounts – interest free	41,351	33,400	25,650
Current and Demand accounts – interest bearing	20,898	32,047	31,769
Savings accounts	68,335	70,682	62,745
Other time deposits – retail	33,785	36,123	36,110
Other time deposits – wholesale	74,417	65,726	53,733
<b>Total repayable in offices in the United Kingdom</b>	<b>238,786</b>	<b>237,978</b>	<b>210,007</b>
<b>In offices outside the United Kingdom:</b>			
Current and Demand accounts – interest free	4,803	2,990	2,169
Current and Demand accounts – interest bearing	15,463	11,570	17,626
Savings accounts	7,673	3,917	3,041
Other time deposits	68,780	38,532	23,911
<b>Total repayable in offices outside the United Kingdom</b>	<b>96,719</b>	<b>57,009</b>	<b>46,747</b>

Customer accounts deposits in offices in the United Kingdom received from non-residents amounted to £61,714m (2007: £49,179m).

#### Short-term borrowings

Short-term borrowings include deposits from banks, commercial paper and negotiable certificates of deposit.

##### Deposits from banks

Deposits from banks are taken from a wide range of counterparties and generally have maturities of less than one year.

	2008 £m	2007 £m	2006 £m
Year-end balance	114,910	90,546	79,562
Average balance	107,847	96,217	89,453
Maximum balance	139,836	109,586	97,165
Average interest rate during year	3.6%	4.1%	4.2%
Year-end interest rate	2.3%	4.0%	4.3%

##### Commercial paper

Commercial paper is issued by the Group, mainly in the United States, generally in denominations of not less than US\$100,000, with maturities of up to 270 days.

	2008 £m	2007 £m	2006 £m
Year-end balance	27,692	23,451	26,546
Average balance	24,668	26,229	29,740
Maximum balance	27,792	30,736	31,859
Average interest rate during year	4.4%	5.4%	4.4%
Year-end interest rate	4.2%	5.2%	5.0%

##### Negotiable certificates of deposit

Negotiable certificates of deposits are issued mainly in the United Kingdom and United States, generally in denominations of not less than US\$100,000.

	2008 £m	2007 £m	2006 £m
Year-end balance	61,332	58,401	52,800
Average balance	55,122	55,394	49,327
Maximum balance	67,715	62,436	60,914
Average interest rate during year	4.4%	5.1%	5.3%
Year-end interest rate	4.1%	5.0%	5.1%

## Financial review

**Additional financial disclosure**

## Commitments and contractual obligations

Commercial commitments include guarantees, contingent liabilities and standby facilities.

**Commercial commitments**

	2008				
	Amount of commitment expiration per period				
	Less than one year £m	Between one to three years £m	Between three to five years £m	After five years £m	Total amounts committed £m
Acceptances and endorsements	576	6	3	–	585
Guarantees and letters of credit pledged as collateral security	7,272	2,529	1,781	4,070	15,652
Securities lending arrangements	38,290	–	–	–	38,290
Other contingent liabilities	7,989	1,604	372	1,818	11,783
Documentary credits and other short-term trade related transactions	770	88	1	–	859
Forward asset purchases and forward deposits placed	50	241	–	–	291
Standby facilities, credit lines and other	195,035	29,666	26,150	8,815	259,666

	2007				
	Amount of commitment expiration per period				
	Less than one year £m	Between one to three years £m	Between three to five years £m	After five years £m	Total amounts committed £m
Acceptances and endorsements	365	–	–	–	365
Guarantees and letters of credit pledged as collateral security	6,417	2,711	1,971	1,874	12,973
Securities lending arrangements	22,719	–	–	–	22,719
Other contingent liabilities	6,594	1,556	416	1,151	9,717
Documentary credits and other short-term trade related transactions	401	121	–	–	522
Forward asset purchases and forward deposits placed	283	–	–	–	283
Standby facilities, credit lines and other	136,457	17,039	28,127	10,211	191,834

Contractual obligations include debt securities, operating lease and purchase obligations.

**Contractual obligations**

	2008				
	Payments due by period				
	Less than one year £m	Between one to three years £m	Between three to five years £m	After five years £m	Total £m
Long-term debt	108,172	24,701	10,855	22,008	165,736
Operating lease obligations	280	690	785	2,745	4,500
Purchase obligations	214	225	61	20	520
<b>Total</b>	<b>108,666</b>	<b>25,616</b>	<b>11,701</b>	<b>24,773</b>	<b>170,756</b>

	2007				
	Payments due by period				
	Less than one year £m	Between one to three years £m	Between three to five years £m	After five years £m	Total £m
Long-term debt	90,201	13,558	8,630	19,358	131,747
Operating lease obligations	197	755	610	2,225	3,787
Purchase obligations	141	186	27	6	360
<b>Total</b>	<b>90,539</b>	<b>14,499</b>	<b>9,267</b>	<b>21,589</b>	<b>135,894</b>

The long-term debt does not include undated loan capital of £13,673m (2007: £6,631m).

Further information on the contractual maturity of the Group's assets and liabilities is given in Note 49.

## Additional financial disclosure

### Securities

The following table analyses the book value of securities which are carried at fair value.

	2008		2007		2006	
	Book value £m	Amortised cost £m	Book value £m	Amortised cost £m	Book value £m	Amortised cost £m
<b>Investment securities – available for sale</b>						
<b>Debt securities:</b>						
United Kingdom government	1,238	1,240	78	81	758	761
Other government	11,456	11,338	7,383	7,434	12,587	12,735
Other public bodies	2,373	2,379	634	632	280	277
Mortgage and asset backed securities	3,510	4,126	1,367	1,429	1,706	1,706
Bank and building society certificates of deposit	10,478	10,535	3,028	3,029	6,686	6,693
Corporate and other issuers	29,776	30,363	26,183	26,219	25,895	25,857
<b>Equity securities</b>	<b>2,142</b>	<b>1,814</b>	<b>1,676</b>	<b>1,418</b>	<b>1,371</b>	<b>1,047</b>
<b>Investment securities – available for sale</b>	<b>60,973</b>	<b>61,795</b>	<b>40,349</b>	<b>40,242</b>	<b>49,283</b>	<b>49,076</b>
<b>Other securities – held for trading</b>						
<b>Debt securities:</b>						
United Kingdom government	6,955	n/a	3,832	n/a	4,986	n/a
Other government	50,727	n/a	51,104	n/a	46,845	n/a
Mortgage and asset backed securities	30,748	n/a	37,038	n/a	29,606	n/a
Bank and building society certificates of deposit	7,518	n/a	17,751	n/a	14,159	n/a
Corporate and other issuers	52,738	n/a	43,053	n/a	44,980	n/a
<b>Equity securities</b>	<b>30,535</b>	<b>n/a</b>	<b>36,307</b>	<b>n/a</b>	<b>31,548</b>	<b>n/a</b>
<b>Other securities – held for trading</b>	<b>179,221</b>	<b>n/a</b>	<b>189,085</b>	<b>n/a</b>	<b>172,124</b>	<b>n/a</b>

Investment debt securities include government securities held as part of the Group's treasury management portfolio for asset and liability, liquidity and regulatory purposes and are for use on a continuing basis in the activities of the Group. In addition, the Group holds as investments listed and unlisted corporate securities.

Bank and building society certificates of deposit are freely negotiable and have original maturities of up to five years, but are typically held for shorter periods.

In addition to UK government securities shown above, at 31st December 2008, 2007 and 2006, the Group held the following government securities which exceeded 10% of shareholders' equity.

Government securities	2008	2007	2006
	Book value £m	Book value £m	Book value £m
United States	17,165	15,156	18,343
Japan	9,092	9,124	15,505
Germany	5,832	5,136	4,741
France	4,091	3,538	4,336
Italy	6,091	5,090	3,419
Spain	3,647	3,674	2,859

### Maturities and yield of available for sale debt securities

	Maturing within one year		Maturing after one but within five years		Maturing after five but within ten years		Maturing after ten years		Total	
	Amount	Yield	Amount	Yield	Amount	Yield	Amount	Yield	Amount	Yield
	£m	%	£m	%	£m	%	£m	%	£m	%
Government	3,096	6.0	5,410	5.1	1,694	1.1	2,493	0.9	12,693	4.0
Other public bodies	832	1.9	1,526	0.9	1	–	14	4.7	2,373	1.3
Other issuers	21,749	4.3	9,692	3.8	7,702	4.4	4,622	5.7	43,765	4.3
<b>Total book value</b>	<b>25,677</b>	<b>4.4</b>	<b>16,628</b>	<b>3.9</b>	<b>9,397</b>	<b>3.8</b>	<b>7,129</b>	<b>4.0</b>	<b>58,831</b>	<b>4.1</b>

The yield for each range of maturities is calculated by dividing the annualised interest income prevailing at 31st December 2008 by the fair value of securities held at that date.

## Financial review

## Additional financial disclosure

## Average balance sheet

## Average balance sheet and net interest income (year ended 31st December)

	2008			2007			2006		
	Average balance <sup>a</sup> £m	Average Interest £m	Average rate %	Average balance <sup>a</sup> £m	Average Interest £m	Average rate %	Average balance <sup>a</sup> £m	Average Interest £m	Average rate %
<b>Assets</b>									
Loans and advances to banks <sup>b</sup> :									
– in offices in the United Kingdom	38,913	1,453	3.7	29,431	1,074	3.6	18,401	647	3.5
– in offices outside the United Kingdom	14,379	419	2.9	12,262	779	6.4	12,278	488	4.0
Loans and advances to customers <sup>b</sup> :									
– in offices in the United Kingdom	249,081	13,714	5.5	205,707	13,027	6.3	184,392	11,247	6.1
– in offices outside the United Kingdom	116,284	9,208	7.9	88,212	6,733	7.6	77,615	4,931	6.4
Lease receivables:									
– in offices in the United Kingdom	4,827	281	5.8	4,822	283	5.9	5,266	300	5.7
– in offices outside the United Kingdom	6,543	752	11.5	5,861	691	11.8	6,162	595	9.7
Financial investments:									
– in offices in the United Kingdom	35,844	1,654	4.6	37,803	2,039	5.4	41,125	1,936	4.7
– in offices outside the United Kingdom	10,450	697	6.7	14,750	452	3.1	14,191	830	5.8
Reverse repurchase agreements and cash collateral on securities borrowed:									
– in offices in the United Kingdom	207,521	8,768	4.2	211,709	9,644	4.6	166,713	6,136	3.7
– in offices outside the United Kingdom	128,250	4,450	3.5	109,012	5,454	5.0	100,416	5,040	5.0
Trading portfolio assets:									
– in offices in the United Kingdom	107,626	4,948	4.6	120,691	5,926	4.9	106,148	4,166	3.9
– in offices outside the United Kingdom	128,287	5,577	4.3	57,535	3,489	6.1	61,370	2,608	4.2
Total average interest earning assets	1,048,005	51,921	5.0	897,795	49,591	5.5	794,077	38,924	4.9
Impairment allowances/provisions	(5,749)			(4,435)			(3,565)		
Non-interest earning assets	711,856			422,834			310,949		
Total average assets and interest income	1,754,112	51,921	3.0	1,316,194	49,591	3.8	1,101,461	38,924	3.5
Percentage of total average interest earning assets in offices outside the United Kingdom	38.6%			32.0%			34.3%		
Total average interest earning assets related to:									
Interest income		51,921	5.0		49,591	5.5		38,924	4.9
Interest expense		(38,181)	3.6		(37,892)	4.2		(30,385)	3.8
		13,740	1.4		11,699	1.3		8,539	1.1

## Notes

- a Average balances are based upon daily averages for most UK banking operations and monthly averages elsewhere.
- b Loans and advances to customers and banks include all doubtful lendings, including non-accrual lendings. Interest receivable on such lendings has been included to the extent to which either cash payments have been received or interest has been accrued in accordance with the income recognition policy of the Group.

# Additional financial disclosure

Average balance sheet

## Average balance sheet and net interest income (year ended 31st December)

	2008			2007			2006		
	Average balance <sup>a</sup> £m	Average Interest £m	Average rate %	Average balance <sup>a</sup> £m	Average Interest £m	Average rate %	Average balance <sup>a</sup> £m	Average Interest £m	Average rate %
<b>Liabilities and shareholders' equity</b>									
Deposits by banks:									
– in offices in the United Kingdom	70,272	2,780	4.0	63,902	2,511	3.9	62,236	2,464	4.0
– in offices outside the United Kingdom	32,172	956	3.0	27,596	1,225	4.4	23,438	1,137	4.9
Customer accounts:									
demand deposits:									
– in offices in the United Kingdom	24,333	910	3.7	29,110	858	2.9	25,397	680	2.7
– in offices outside the United Kingdom	14,902	572	3.8	13,799	404	2.9	10,351	254	2.5
Customer accounts:									
savings deposits:									
– in offices in the United Kingdom	71,062	2,143	3.0	55,064	2,048	3.7	57,734	1,691	2.9
– in offices outside the United Kingdom	7,033	413	5.9	4,848	128	2.6	3,124	74	2.4
Customer accounts:									
other time deposits – retail:									
– in offices in the United Kingdom	32,283	1,523	4.7	30,578	1,601	5.2	34,865	1,548	4.4
– in offices outside the United Kingdom	20,055	1,350	6.7	12,425	724	5.8	8,946	482	5.4
Customer accounts:									
other time deposits – wholesale:									
– in offices in the United Kingdom	60,574	2,362	3.9	52,147	2,482	4.8	45,930	1,794	3.9
– in offices outside the United Kingdom	31,300	2,094	6.7	24,298	1,661	6.8	23,442	1,191	5.1
Debt securities in issue:									
– in offices in the United Kingdom	41,014	1,920	4.7	41,552	2,053	4.9	47,216	1,850	3.9
– in offices outside the United Kingdom	80,768	3,734	4.6	94,271	5,055	5.4	74,125	3,686	5.0
Dated and undated loan capital and other subordinated liabilities principally:									
– in offices in the United Kingdom	22,912	1,435	6.3	12,972	763	5.9	13,686	777	5.7
Repurchase agreements and cash collateral on securities lent:									
– in offices in the United Kingdom	203,967	8,445	4.1	169,272	7,616	4.5	141,862	5,080	3.6
– in offices outside the United Kingdom	177,883	2,800	1.6	118,050	5,051	4.3	86,693	4,311	5.0
Trading portfolio liabilities:									
– in offices in the United Kingdom	56,675	2,657	4.7	47,971	2,277	4.7	49,892	2,014	4.0
– in offices outside the United Kingdom	62,239	2,087	3.4	29,838	1,435	4.8	39,064	1,352	3.5
<b>Total average interest bearing liabilities</b>	<b>1,009,444</b>	<b>38,181</b>	<b>3.8</b>	<b>827,693</b>	<b>37,892</b>	<b>4.6</b>	<b>748,001</b>	<b>30,385</b>	<b>4.1</b>
Interest free customer deposits:									
– in offices in the United Kingdom	40,439			34,109			27,549		
– in offices outside the United Kingdom	3,089			3,092			2,228		
Other non-interest bearing liabilities	664,458			421,473			297,816		
Minority and other interests and shareholders' equity	36,682			29,827			25,867		
<b>Total average liabilities, shareholders' equity and interest expense</b>	<b>1,754,112</b>	<b>38,181</b>	<b>2.2</b>	<b>1,316,194</b>	<b>37,892</b>	<b>2.9</b>	<b>1,101,461</b>	<b>30,385</b>	<b>2.8</b>
Percentage of total average interest bearing non-capital liabilities in offices outside the United Kingdom	42.2%			39.4%			36.1%		

### Note

a Average balances are based upon daily averages for most UK banking operations and monthly averages elsewhere.



**Changes in net interest income – volume and rate analysis**

The following tables allocate changes in net interest income between changes in volume and changes in interest rates for the last two years. Volume and rate variances have been calculated on the movement in the

average balances and the change in the interest rates on average interest earning assets and average interest bearing liabilities. Where variances have arisen from changes in both volumes and interest rates, these have been allocated proportionately between the two.

	2008/2007 Change due to increase/ (decrease) in:			2007/2006 Change due to increase/ (decrease) in:			2006/2005 Change due to increase/ (decrease) in:		
	Total change £m	Volume £m	Rate £m	Total change £m	Volume £m	Rate £m	Total change £m	Volume £m	Rate £m
<b>Interest receivable</b>									
Loans and advances to banks:									
– in offices in the UK	379	354	25	427	402	25	193	121	72
– in offices outside the UK	(360)	117	(477)	291	(1)	292	85	46	39
	<b>19</b>	<b>471</b>	<b>(452)</b>	<b>718</b>	<b>401</b>	<b>317</b>	<b>278</b>	<b>167</b>	<b>111</b>
Loans and advances to customers:									
– in offices in the UK	687	2,525	(1,838)	1,780	1,337	443	1,018	726	292
– in offices outside the UK	2,475	2,214	261	1,802	728	1,074	1,956	1,695	261
	<b>3,162</b>	<b>4,739</b>	<b>(1,577)</b>	<b>3,582</b>	<b>2,065</b>	<b>1,517</b>	<b>2,974</b>	<b>2,421</b>	<b>553</b>
Lease receivables:									
– in offices in the UK	(2)	–	(2)	(17)	(26)	9	(48)	(70)	22
– in offices outside the UK	61	79	(18)	96	(30)	126	478	413	65
	<b>59</b>	<b>79</b>	<b>(20)</b>	<b>79</b>	<b>(56)</b>	<b>135</b>	<b>430</b>	<b>343</b>	<b>87</b>
Financial investments:									
– in offices in the UK	(385)	(102)	(283)	103	(165)	268	181	(85)	266
– in offices outside the UK	245	(163)	408	(378)	32	(410)	363	202	161
	<b>(140)</b>	<b>(265)</b>	<b>125</b>	<b>(275)</b>	<b>(133)</b>	<b>(142)</b>	<b>544</b>	<b>117</b>	<b>427</b>
Reverse repurchase agreements and cash collateral on securities borrowed:									
– in offices in the UK	(876)	(188)	(688)	3,508	1,865	1,643	1,519	324	1,195
– in offices outside the UK	(1,004)	855	(1,859)	414	430	(16)	2,316	254	2,062
	<b>(1,880)</b>	<b>667</b>	<b>(2,547)</b>	<b>3,922</b>	<b>2,295</b>	<b>1,627</b>	<b>3,835</b>	<b>578</b>	<b>3,257</b>
Trading portfolio assets:									
– in offices in the UK	(978)	(616)	(362)	1,760	621	1,139	1,456	907	549
– in offices outside the UK	2,088	3,303	(1,215)	881	(172)	1,053	492	151	341
	<b>1,110</b>	<b>2,687</b>	<b>(1,577)</b>	<b>2,641</b>	<b>449</b>	<b>2,192</b>	<b>1,948</b>	<b>1,058</b>	<b>890</b>
Total interest receivable:									
– in offices in the UK	(1,175)	1,973	(3,148)	7,561	4,034	3,527	4,319	1,923	2,396
– in offices outside the UK	3,505	6,405	(2,900)	3,106	987	2,119	5,690	2,761	2,929
	<b>2,330</b>	<b>8,378</b>	<b>(6,048)</b>	<b>10,667</b>	<b>5,021</b>	<b>5,646</b>	<b>10,009</b>	<b>4,684</b>	<b>5,325</b>

# Additional financial disclosure

Average balance sheet

## Changes in net interest income – volume and rate analysis

	2008/2007 Change due to increase/ (decrease) in:			2007/2006 Change due to increase/ (decrease) in:			2006/2005 Change due to increase/ (decrease) in:		
	Total change £m	Volume £m	Rate £m	Total change £m	Volume £m	Rate £m	Total change £m	Volume £m	Rate £m
<b>Interest payable</b>									
Deposits by banks:									
– in offices in the UK	269	252	17	47	66	(19)	799	247	552
– in offices outside the UK	(269)	181	(450)	88	190	(102)	432	52	380
	–	433	(433)	135	256	(121)	1,231	299	932
Customer accounts – demand deposits:									
– in offices in the UK	52	(155)	207	178	105	73	170	68	102
– in offices outside the UK	168	34	134	150	95	55	166	80	86
	220	(121)	341	328	200	128	336	148	188
Customer accounts – savings deposits:									
– in offices in the UK	95	527	(432)	357	(81)	438	121	152	(31)
– in offices outside the UK	285	77	208	54	45	9	35	28	7
	380	604	(224)	411	(36)	447	156	180	(24)
Customer accounts – other time deposits – retail:									
– in offices in the UK	(78)	86	(164)	53	(204)	257	78	41	37
– in offices outside the UK	626	500	126	242	200	42	222	125	97
	548	586	(38)	295	(4)	299	300	166	134
Customer accounts – other time deposits – wholesale:									
– in offices in the UK	(120)	367	(487)	688	263	425	603	129	474
– in offices outside the UK	433	469	(36)	470	45	425	601	550	51
	313	836	(523)	1,158	308	850	1,204	679	525
Debt securities in issue:									
– in offices in the UK	(133)	(26)	(107)	203	(240)	443	219	22	197
– in offices outside the UK	(1,321)	(673)	(648)	1,369	1,063	306	1,991	850	1,141
	(1,454)	(699)	(755)	1,572	823	749	2,210	872	1,338
Dated and undated loan capital and other subordinated liabilities principally in offices in the UK	672	620	52	(14)	(41)	27	172	135	37
Repurchase agreements and cash collateral on securities lent:									
– in offices in the UK	829	1,471	(642)	2,536	1,090	1,446	1,446	329	1,117
– in offices outside the UK	(2,251)	1,840	(4,091)	740	1,402	(662)	1,932	200	1,732
	(1,422)	3,311	(4,733)	3,276	2,492	784	3,378	529	2,849
Trading portfolio liabilities:									
– in offices in the UK	380	408	(28)	263	(80)	343	277	222	55
– in offices outside the UK	652	1,189	(537)	83	(366)	449	156	85	71
	1,032	1,597	(565)	346	(446)	792	433	307	126
Total interest payable:									
– in offices in the UK	1,966	3,550	(1,584)	4,311	878	3,433	3,885	1,345	2,540
– in offices outside the UK	(1,677)	3,617	(5,294)	3,196	2,674	522	5,535	1,970	3,565
	289	7,167	(6,878)	7,507	3,552	3,955	9,420	3,315	6,105
<b>Movement in net interest income</b>									
Increase/(decrease) in interest receivable	2,330	8,378	(6,048)	10,667	5,021	5,646	10,009	4,684	5,325
(Increase)/decrease in interest payable	(289)	(7,167)	6,878	(7,507)	(3,552)	(3,955)	(9,420)	(3,315)	(6,105)
	2,041	1,211	830	3,160	1,469	1,691	589	1,369	(780)

## Financial review

## Additional financial disclosure

### Off-balance sheet arrangements

In the ordinary course of business and primarily to facilitate client transactions, the Group enters into transactions which may involve the use of off-balance sheet arrangements and special purpose entities (SPEs). These arrangements include the provision of guarantees, loan commitments, retained interests in assets which have been transferred to an unconsolidated SPE or obligations arising from the Group's involvements with such SPEs.

#### Guarantees

The Group issues guarantees on behalf of its customers. In the majority of cases, the Group will hold collateral against the exposure, have a right of recourse to the customer or both. In addition, the Group issues guarantees on its own behalf. The main types of guarantees provided are: financial guarantees given to banks and financial institutions on behalf of customers to secure loans; overdrafts; and other banking facilities, including stock borrowing indemnities and standby letters of credit. Other guarantees provided include performance guarantees, advance payment guarantees, tender guarantees, guarantees to Her Majesty's Revenue and Customs and retention guarantees. The nominal principal amount of contingent liabilities with off-balance sheet risk is set out in Note 34 and in the table on page 33.

#### Loan commitments

The Group enters into commitments to lend to its customers subject to certain conditions. Such loan commitments are made either for a fixed period or are cancellable by the Group subject to notice conditions. Information on loan commitments and similar facilities is set out in Note 34 and in the table on page 33.

#### Special purpose entities

Transactions entered into by the Group may involve the use of SPEs. SPEs are entities that are created to accomplish a narrow and well defined objective. There are often specific restrictions or limits around their ongoing activities.

Transactions with SPEs take a number of forms, including:

- The provision of financing to fund asset purchases, or commitments to provide finance for future purchases.
- Derivative transactions to provide investors in the SPE with a specified exposure.
- The provision of liquidity or backstop facilities which may be drawn upon if the SPE experiences future funding difficulties.
- Direct investment in the notes issued by SPEs.

Depending on the nature of the Group's resulting exposure, it may consolidate the SPE on to the Group's balance sheet. The consolidation of SPEs is considered at inception, based on the arrangements in place and the assessed risk exposures at that time. In accordance with IFRS, SPEs are consolidated when the substance of the relationship between the Group and the entity indicates control. Potential indicators of control include, amongst others, an assessment of the Group's exposure to the risks and benefits of the SPE. The initial consolidation analysis is revisited at a later date if:

- (i) the Group acquires additional interests in the entity;
- (ii) the contractual arrangements of the entity are amended such that the relative exposures to risks and rewards change; or if

- (iii) the Group acquires control over the main operating and financial decisions of the entity.

A number of the Group's transactions have recourse only to the assets of unconsolidated SPEs. Typically, the majority of the exposure to these assets is borne by third parties and the Group's risk is mitigated through over-collateralisation, unwind features and other protective measures. The Group's involvement with unconsolidated third party conduits, collateralised debt obligations and structured investment vehicles is described further below.

#### Collateralised debt obligations (CDOs)

The Group has structured and underwritten CDOs. At inception, the Group's exposure principally takes the form of a liquidity facility provided to support future funding difficulties or cash shortfalls in the vehicles. If required by the vehicle, the facility is drawn with the amount advanced included within loans and advances in the balance sheet. Upon an event of default or other triggering event, the Group may acquire control of a CDO and, therefore, be required to fully consolidate the vehicle for accounting purposes. The potential for transactions to hit default triggers before the end of 2009 has been assessed and is included in the determination of £1,763m impairment charges and other credit provisions in relation to ABS CDO Super Senior and other credit market exposures for the year ended 31st December 2008.

The Group's exposure to ABS CDO Super Senior positions before hedging was £3,104m as at 31st December 2008. This represents the Group's exposure to High Grade CDOs, stated net of write-downs and charges. These facilities are fully drawn and included within loans and advances on the balance sheet. The undrawn mezzanine facilities that were in place as at 31st December 2007 relate to CDOs that have been consolidated during the period.

#### Collateral

The collateral underlying unconsolidated CDOs comprised 78% residential mortgage backed securities, 3% non-residential asset backed securities and 19% in other categories (a proportion of which will be backed by residential mortgage collateral).

The remaining Weighted Average Life (WAL) of all collateral is 5.1 years. The combined Net Asset Value (NAV) for all of the CDOs was £2.2bn below the nominal amount, equivalent to an aggregate 41.3% decline in value on average for all investors.

#### Funding

The CDOs were funded with senior unrated notes and rated notes up to AAA. The capital structure senior to the AAA notes on cash CDOs was supported by a liquidity facility provided by the Group. The senior portion covered by liquidity facilities is on average 85% of the capital structure.

The initial WAL of the notes in issue averaged 6.7 years. The full contractual maturity is 38 years.

#### Interests in third party CDOs

The Group has purchased securities in and entered into derivative instruments with third party CDOs. These interests are held as trading assets or liabilities on the Group's balance sheet and measured at fair value. The Group has not provided liquidity facilities or similar agreements to third party CDOs.

## Additional financial disclosure

### Off-balance sheet arrangements

#### Structured investment vehicles (SIVs)

The Group has not structured or managed SIVs. Group exposure to third party SIVs comprised:

- £41m of senior liquidity facilities.
- Derivative exposures included on the balance sheet at their net fair value of £273m.
- Bonds issued by the SIVs included within trading portfolio assets at their fair value of £11m.

#### SIV-Lites

The Group has exposure to two SIV-Lite transactions. The Group is not involved in their ongoing management. Exposures have increased by £531m relating to a SIV-Lite which had previously been hedged with Lehman Brothers. Following the Lehman Brothers bankruptcy this facility was reflected as a new exposure to the underlying assets. The other SIV-Lite of £107m represents drawn liquidity facilities supporting a CP programme.

During 2008 exposure to a third SIV-Lite through bond holdings was written down to zero.

#### Commercial paper and medium-term note conduits

The Group provided £22bn in undrawn backstop liquidity facilities to its own sponsored CP conduits. The Group fully consolidates these entities such that the underlying assets are reflected on the Group balance sheet.

These consolidated entities in turn provide facilities of £899m to third party conduits containing prime UK buy-to-let RMBS. As at 31st December 2008, the entire facility had been drawn and is included in available for sale financial investments.

The Group provided backstop facilities to support the paper issued by four third party conduits. These facilities totalled £866m, with underlying collateral comprising 100% auto loans. Drawings on these facilities were £25m as at 31st December 2008 and are included within loans and advances to customers.

The Group provided backstop facilities to six third party SPEs that fund themselves with medium-term notes. These notes are sold to investors as a series of 12 month securities and remarketed to investors annually. If investors decline to renew their holdings at a price below a pre-agreed spread, the backstop facility requires the Group to purchase the outstanding notes at scheduled maturity. The Group has provided facilities of £2.6bn to SPEs holding prime UK and Australian owner-occupied Residential Mortgage Back Securities (RMBS) assets. As at the balance sheet date these facilities had been drawn and were included in loans and advances.

#### Asset securitisations

The Group has assisted companies with the formation of asset securitisations, some of which are effected through the use of SPEs. These entities have minimal equity and rely on funding in the form of notes to purchase the assets for securitisation. As these SPEs are created for other companies, the Group does not usually control these entities and therefore does not consolidate them. The Group may provide financing in the form of senior notes or junior notes and may also provide derivatives to the SPE. These transactions are included on the balance sheet.

The Group has used SPEs to securitise part of its originated and purchased retail and commercial lending portfolios and credit card receivables. These SPEs are usually consolidated and de-recognition only occurs when the Group transfers its contractual right to receive cash flows from the financial assets, or retains the contractual rights to receive the cash flows, but assumes a contractual obligation to pay the cash flows to another party without material delay or reinvestment, and also transfers substantially all the risks and rewards of ownership, including credit risk, prepayment risk and interest rate risk. The carrying amount of securitised assets together with the associated liabilities are set out in Note 29.

#### Client intermediation

The Group has structured transactions as a financial intermediary to meet investor and client needs. These transactions involve entities structured by either the Group or the client and they are used to modify cash flows of third party assets to create investments with specific risk or return profiles or to assist clients in the efficient management of other risks. Such transactions will typically result in a derivative being shown on the balance sheet, representing the Group's exposure to the relevant asset.

The Group also invests in lessor entities specifically to acquire assets for leasing. Client intermediation also includes arrangements to fund the purchase or construction of specific assets (most common in the property industry).

#### Fund management

The Group provides asset management services to a large number of investment entities on an arm's length basis and at market terms and prices. The majority of these entities are investment funds that are owned by a large and diversified number of investors. These funds are not consolidated because the Group does not own either a significant portion of the equity or the risks and rewards inherent in the assets.

During 2008, Group operating expenses included charges of £263m related to selective support of liquidity products managed by Barclays Global Investors and not consolidated by the Group. The Group have not provided any additional selective support subsequent to 31st December 2008.

## Financial review

**Additional financial disclosure**

## Critical accounting estimates

The Group's accounting policies are set out on pages 193 to 203. Certain of these policies, as well as estimates made by management, are considered to be important to an understanding of the Group's financial condition since they require management to make difficult, complex or subjective judgements and estimates, some of which may relate to matters that are inherently uncertain. The following accounting policies include estimates which are particularly sensitive in terms of judgements and the extent to which estimates are used. Other accounting policies involve significant amounts of judgements and estimates, but the total amounts involved are not significant to the financial statements. Management has discussed the accounting policies and critical accounting estimates with the Board Audit Committee.

**Fair value of financial instruments**

Some of the Group's financial instruments are carried at fair value through profit or loss such as those held for trading, designated by management under the fair value option and non-cash flow hedging derivatives.

Other non-derivative financial assets may be designated as available for sale. Available for sale financial investments are initially recognised at fair value and are subsequently held at fair value. Gains and losses arising from changes in fair value of such assets are included as a separate component of equity. Financial instruments entered into as trading transactions, together with any associated hedging, are measured at fair value and the resultant profits and losses are included in net trading income, along with interest and dividends arising from long and short positions and funding costs relating to trading activities. Assets and liabilities resulting from gains and losses on financial instruments held for trading are reported gross in trading portfolio assets and liabilities or derivative financial instruments, reduced by the effects of netting agreements where there is an intention to settle net with counterparties.

The fair value of a financial instrument is the amount at which the instrument could be exchanged in a current transaction between willing parties, other than in a forced or liquidation sale. Where a valuation model is used to determine fair value, it makes maximum use of market inputs. Financial instruments with a fair value based on observable inputs include valuations determined by unadjusted quoted prices in an active market and market standard pricing models that use observable inputs.

Financial instruments whose fair value is determined, at least in part, using unobservable inputs are further categorised into Vanilla and Exotic products as follows:

- Vanilla products are valued using simple models such as discounted cash flow or Black Scholes models however, some of the inputs are not observable.

- Exotic products are over-the-counter products that are relatively bespoke, not commonly traded in the markets, and their valuation comes from sophisticated mathematical models where some of the inputs are not observable.

An analysis of financial instruments carried at fair value by valuation technique, including the extent of valuations based on unobservable inputs, together with a sensitivity analysis of valuations using unobservable inputs is included in Note 50.

**Allowances for loan impairment and other credit risk provisions**

Allowances for loan impairment represent management's estimate of the losses incurred in the loan portfolios as at the balance sheet date. Changes to the allowances for loan impairment and changes to the provisions for undrawn contractually committed facilities and guarantees provided are reported in the consolidated income statement as part of the impairment charge. Provision is made for undrawn loan commitments and similar facilities if it is probable that the facility will be drawn and result in recognition of an asset at an amount less than the amount advanced.

Within the retail and small businesses portfolios, which comprise large numbers of small homogeneous assets with similar risk characteristics where credit scoring techniques are generally used, statistical techniques are used to calculate impairment allowances on a portfolio basis, based on historical recovery rates and assumed emergence periods. These statistical analyses use as primary inputs the extent to which accounts in the portfolio are in arrears and historical information on the eventual losses encountered from such delinquent portfolios. There are many such models in use, each tailored to a product, line of business or customer category. Judgement and knowledge is needed in selecting the statistical methods to use when the models are developed or revised. The impairment allowance reflected in the financial statements for these portfolios is therefore considered to be reasonable and supportable. The impairment charge reflected in the income statement for these portfolios is £2,333m (2007: £1,605m) and amounts to 51% (2007: 70%) of the total impairment charge on loans and advances in 2008.

For larger accounts, impairment allowances are calculated on an individual basis and all relevant considerations that have a bearing on the expected future cash flows are taken into account, for example, the business prospects for the customer, the realisable value of collateral, the Group's position relative to other claimants, the reliability of customer information and the likely cost and duration of the work-out process. The level of the impairment allowance is the difference between the value of the discounted expected future cash flows (discounted at the loan's original effective interest rate), and its carrying amount. Subjective

## Additional financial disclosure

### Critical accounting estimates

judgements are made in the calculation of future cash flows. Furthermore, judgements change with time as new information becomes available or as work-out strategies evolve, resulting in frequent revisions to the impairment allowance as individual decisions are taken. Changes in these estimates would result in a change in the allowances and have a direct impact on the impairment charge. The impairment charge reflected in the financial statements in relation to larger accounts is £2,251m (2007: £701m) or 49% (2007: 30%) of the total impairment charge on loans and advances in 2007. Further information on impairment allowances is set out in Note 47 on pages 257 and 260.

### Goodwill

Management have to consider at least annually whether the current carrying value of goodwill is impaired. The first step of the impairment review process requires the identification of independent cash generating units, by dividing the Group business into as many largely independent income streams as is reasonably practicable. The goodwill is then allocated to these independent units. The first element of this allocation is based on the areas of the business expected to benefit from the synergies derived from the acquisition. The second element reflects the allocation of the net assets acquired and the difference between the consideration paid for those net assets and their fair value. This allocation is reviewed following business reorganisation. The carrying value of the unit, including the allocated goodwill, is compared to its fair value to determine whether any impairment exists. If the fair value of a unit is less than its carrying value, goodwill will be impaired. Detailed calculations may need to be carried out taking into consideration changes in the market in which a business operates (e.g. competitive activity, regulatory change). In the absence of readily available market price data this calculation is based

upon discounting expected pre-tax cash flows at a risk adjusted interest rate appropriate to the operating unit, the determination of both of which requires the exercise of judgement. The estimation of pre-tax cash flows is sensitive to the periods for which detailed forecasts are available and to assumptions regarding the long-term sustainable cash flows. While forecasts are compared with actual performance and external economic data, expected cash flows naturally reflect management's view of future performance. The most significant amounts of goodwill relate to UK Retail Banking, GRCB – Absa and Barclays Global Investors, where goodwill impairment testing performed in 2008 indicated that this goodwill was not impaired. Goodwill impairment of £111m relating to FirstPlus and EquiFirst was recognised in 2008 (2007: nil). An analysis of goodwill by cluster, together with key assumptions underlying the impairment testing, is included in Note 21 on page 208.

### Intangible assets

Intangible assets that derive their value from contractual customer relationships or that can be separated and sold and have a finite useful life are amortised over their estimated useful life. Determining the estimated useful life of these finite life intangible assets requires an analysis of circumstances, and judgement by the Bank's management. At each balance sheet date, or more frequently when events or changes in circumstances dictate, intangible assets are assessed for indications of impairment. If indications are present, these assets are subject to an impairment review. The impairment review comprises a comparison of the carrying amount of the asset with its recoverable amount: the higher of the asset's or the cash-generating unit's net selling price and its value in use. Net selling price is calculated by reference to the amount at which the asset could be disposed of in a binding sale agreement in an arm's length



transaction evidenced by an active market or recent transactions for similar assets. Value in use is calculated by discounting the expected future cash flows obtainable as a result of the asset's continued use, including those resulting from its ultimate disposal, at a market-based discount rate on a pre-tax basis. The most significant amounts of intangible assets relate to the GRCB – Absa and Lehman Brothers North American businesses.

#### Retirement benefit obligations

The Group provides pension plans for employees in most parts of the world. Arrangements for staff retirement benefits vary from country to country and are made in accordance with local regulations and customs. For defined contribution schemes, the pension cost recognised in the profit and loss account represents the contributions payable to the scheme. For defined benefit schemes, actuarial valuation of each of the scheme's obligations using the projected unit credit method and the fair valuation of each of the scheme's assets are performed annually in accordance with the requirements of IAS 19.

The actuarial valuation is dependent upon a series of assumptions, the key ones being interest rates, mortality, investment returns and inflation. Mortality estimates are based on standard industry and national mortality tables, adjusted where appropriate to reflect the Group's own experience. The returns on fixed interest investments are set to market yields at the valuation date (less an allowance for risk) to ensure consistency with the asset valuation. The returns on UK and overseas equities are based on the long-term outlook for global equities at the calculation date having regard to current market yields and dividend growth expectations. The inflation assumption reflects long-term expectations of both earnings and retail price inflation.

The difference between the fair value of the plan assets and the present value of the defined benefit obligation at the balance sheet date, adjusted for any historic unrecognised actuarial gains or losses and past service cost, is recognised as a liability in the balance sheet. An asset arising, for example, as a result of past over-funding or the performance of the plan investments, is recognised to the extent that it does not exceed the present value of future contribution holidays or refunds of contributions. To the extent that any unrecognised gains or losses at the start of the measurement year in relation to any individual defined benefit scheme exceed 10% of the greater of the fair value of the scheme assets and the defined benefit obligation for that scheme, a proportion of the excess is recognised in the income statement.

The Group's IAS 19 pension deficit across all schemes as at 31st December 2008 was £1,287m (2007: surplus of £393m). There are net recognised liabilities of £1,292m (2007: £1,501m) and unrecognised actuarial gains of £5m (2007: £1,894m). The net recognised liabilities comprised retirement benefit liabilities of £1,357m (2007: £1,537m) and assets of £65m (2007: £36m).

The Group's IAS 19 pension deficit in respect of the main UK scheme as at 31st December 2008 was £858m (2007: surplus of £668m). Among the reasons for this change were the large loss in value of the assets over the year, and to a lesser extent the strengthening of the allowance made for future improvement in mortality. Offsetting these were the increase in the AA long-term corporate bond yields which resulted in a higher discount rate of 6.75% (2007: 5.82%), a decrease in the inflation assumption to 3.16% (2007: 3.45%) and contributions paid. Further information on retirement benefit obligations, including assumptions, is set out in Note 30 to the accounts on page 220.

# Business Description

## Barclays Overview

Listed in London and New York, Barclays is a major global financial services provider engaged in retail and commercial banking, credit cards, investment banking, wealth management and investment management services with an extensive international presence in Europe, United States, Africa and Asia. With a strong long-term credit rating and over 300 years of history and expertise in banking, Barclays operates in over 50 countries and employs 156,000 people. Barclays moves, lends and invests money for 48 million customers and clients worldwide.

The following section analyses the Group's performance by business. For management and reporting purposes, Barclays is organised into the following business groupings:

### Global Retail and Commercial Banking

- UK Retail Banking
- Barclays Commercial Bank
- Barclaycard
- GRCB – Western Europe
- GRCB – Emerging Markets
- GRCB – Absa

### Investment Banking and Investment Management

- Barclays Capital
- Barclays Global Investors
- Barclays Wealth

### Head Office Functions and Other Operations

#### UK Retail Banking

UK Retail Banking, one of the largest retail banks in the UK with over 1,700 branches, comprises Personal Customers, Home Finance, Local Business, Consumer Lending and Barclays Financial Planning. This cluster of businesses aims to build broader and deeper relationships with its Personal and Local Business customers through providing a wide range of products and financial services. Personal Customers and Home Finance provide access to current account and savings products, Woolwich branded mortgages and general insurance. Consumer Lending provides unsecured loan and protection products and Barclays Financial Planning provides investment advice and products. Local Business provides banking services, including money transmission, to small businesses.

#### Barclays Commercial Bank

Barclays Commercial Bank provides banking services to over 81,000 business clients with an annual turnover of more than £1m. Customers are served via a network of relationship and industry sector specialists, which provides solutions constructed from a comprehensive suite of banking products, support, expertise and services, including specialist asset financing and leasing facilities. Customers are also offered access to the products and expertise of other businesses in the Group, particularly Barclays Capital, Barclaycard and Barclays Wealth.

#### Barclaycard

Barclaycard is a multi-brand credit card and consumer lending business which also processes card payments for retailers and merchants and issues credit and charge cards to corporate customers and the UK Government. With 23 million customers in the UK, Europe and the United States, it is one of Europe's leading credit card businesses and has an increasing presence in the United States and South Africa. In the UK, Barclaycard comprises Barclaycard UK Cards, Barclaycard Partnerships, Barclays Partner Finance and FirstPlus. Outside the UK, Barclaycard provides credit cards in the United States, Germany, South Africa (through management of the Absa credit card portfolio) and in the Scandinavian region, where Barclaycard operates through Entercard, a joint venture with Swedbank. Barclaycard works closely with other parts of the Group, including UK Retail Banking, Barclays Commercial Bank and GRCB – Western Europe and GRCB – Emerging Markets, to leverage their distribution capabilities.

### Global Retail and Commercial Banking – Emerging Markets

GRCB – Emerging Markets encompasses Barclays Global Retail and Commercial Banking, as well as Barclaycard operations, in 14 countries organised in six geographic areas: India and Indian Ocean (India, Mauritius and Seychelles); Middle East and North Africa (UAE and Egypt); East and West Africa (Ghana, Tanzania, Uganda and Kenya); Southern Africa (Botswana, Zambia and Zimbabwe); Russia; and Pakistan (from 23rd July 2008). GRCB – Emerging Markets serves over four million customers through a variety of distribution channels, opening over 280 distribution points in 2008. GRCB – Emerging Markets provides a variety of traditional retail and commercial products including retail mortgages, current and deposit accounts, commercial lending, unsecured lending, credit cards, treasury and investments. In addition to this, it provides specialist services such as Sharia-compliant products and mobile banking.

### Global Retail and Commercial Banking – Absa

GRCB – Absa represents Barclays consolidation of Absa, excluding Absa Capital and Absa Card which is included as part of Barclays Capital and Barclaycard respectively. Absa Group Limited is a South African financial services organisation serving over 10 million personal, commercial and corporate customers predominantly in South Africa, from over 1,100 distribution points. GRCB – Absa serves retail customers through a variety of distribution channels and offers a full range of banking services, including current and deposit accounts, mortgages, instalment finance, credit cards, bancassurance products and wealth management services. It also offers customised business solutions for commercial and large corporate customers.

### Barclays Capital

Barclays Capital is the investment banking division of Barclays that provides large corporate, institutional and government clients with solutions to their financing and risk management needs. Barclays Capital services a wide variety of client needs, covering strategic advisory and Mergers and Acquisitions; equity and fixed income capital raising and corporate lending; and risk management across foreign exchange, interest rates, equities and commodities. Activities are organised into three principal areas: Global Markets, which includes commodities, credit products, equities, foreign exchange, interest rate products; Investment Banking, which includes corporate advisory, Mergers and Acquisitions, equity and fixed-income capital raising and corporate lending; and Private Equity and Principal Investments. Barclays Capital includes Absa Capital, the investment banking business of Absa. Barclays Capital works closely with all other parts of the Group to leverage synergies from client relationships and product capabilities.

### Barclays Global Investors

BGI is an asset manager and a provider of investment management products and services, with US\$1.5 trillion assets under management. BGI offers structured investment strategies such as indexing, global asset allocation and risk controlled active products including hedge funds and provides related investment services such as securities lending, cash management and portfolio transition services. BGI collaborates with the other Barclays businesses, particularly Barclays Capital and Barclays Wealth, to develop and market products and leverage capabilities to better serve the client base.

### Barclays Wealth

Barclays Wealth serves high net worth, affluent and intermediary clients worldwide, providing private banking, asset management, stockbroking, offshore banking, wealth structuring and financial planning services and managed the closed life assurance activities of Barclays and Woolwich in the UK. Barclays Wealth works closely with all other parts of the Group to leverage synergies from client relationships and product capabilities.

### Head Office Functions and Other Operations

Head Office Functions and Other Operations comprises head office and central support functions, businesses in transition and inter-segment adjustments. Head office and central support functions comprises the following areas: Executive Management, Finance, Treasury, Corporate Affairs, Human Resources, Strategy and Planning, Internal Audit, Legal, Corporate Secretariat, Property, Tax, Compliance and Risk. Costs incurred wholly on behalf of the businesses are recharged to them. Businesses in transition principally relate to certain lending portfolios that are centrally managed with the objective of maximising recovery from the assets.



### **Global Retail and Commercial Banking –Western Europe**

GRCB –Western Europe encompasses Barclays Global Retail and Commercial Banking as well as Barclaycard operations in Spain, Italy, Portugal and France. GRCB –Western Europe serves two million retail, premier, card, SME and corporate customers through a variety of distribution channels from nearly 1,200 distribution points. GRCB –Western Europe provides a variety of products including Retail mortgages, current and deposit accounts, commercial lending, unsecured lending, credit cards, investments and insurance, serving the needs of Barclays retail, mass affluent, and corporate customers.

## Analysis of results by business

### Global Retail and Commercial Banking

UK Retail Banking profit before tax grew 7% to £1,369m. Income grew 4% to £4,482m, reflecting strong growth in Home Finance and minimal settlements on overdraft fees. Loans and advances grew 15% driven by a market share of net new mortgage lending of 36%. Operating expenses showed a modest increase of 2% reflecting active management of the cost base and reduced gains from the sale of property. The cost:income ratio improved one percentage point. Impairment charges increased 8% reflecting strong growth in assets and a deteriorating economic environment.

Barclays Commercial Bank profit before tax decreased 7% to £1,266m. Income growth of 7% principally reflected increased sales of treasury products. Loans and advances to customers increased 14% to £80.5bn. Costs increased 14% driven by lower gains on the sale of property, further investment in new payments capability, and growth in the operating lease business. Impairment charges increased 42% as the deteriorating economic environment caused higher delinquency and lower recovery rates on corporate credit.

Barclaycard profit before tax increased 31% to £789m, including £260m from Barclaycard International. Income growth of 27% reflected strong growth in Barclaycard International, the income related to Goldfish since acquisition, and gains relating to the Visa IPO and the sale of MasterCard shares. Costs increased 30% reflecting continued international growth, increased marketing expenditure and the impact of Goldfish. Impairment charges increased 33% reflecting growth in charges in the international businesses and the acquisition of Goldfish, partly offset by lower impairment in the other UK businesses.

GRCB – Western Europe profit before tax grew 31% to £257m. Income grew 53%, driven by very strong growth in deposits, mortgages

and commercial lending across the expanded franchise, as well as gains of £82m relating to the Visa IPO and the sale of MasterCard shares. Costs increased 38% reflecting the expansion of the network by 347 distribution points to 1,145 and continued strategic investment in the Premier and core retail businesses. Impairment charges increased £220m to £296m, largely driven by deteriorating trends in Spain which led to losses in property-related commercial banking exposures and credit cards.

GRCB – Emerging Markets profit before tax increased 34% to £134m. Income increased 91%, driven by retail expansion in India, entry into new markets in Russia and Pakistan and strong performances in Africa, as well as gains of £82m relating to the Visa IPO and sale of MasterCard shares. Operating expense growth of 82% reflected continued investment in business infrastructure, distribution and new markets. Distribution points increased 286 to 836. Impairment charges increased £127m to £166m reflecting asset growth, and increased wholesale impairment in Africa.

GRCB – Absa profit before tax decreased 8% to £552m. Income growth of 10% was driven by higher fees and commissions, balance sheet growth as well as a gain relating to the Visa IPO. Operating expenses increased 3%, well below the rate of inflation, reflecting investment in new distribution points, which increased 176 to 1,177, offset by good cost control. This led to a four percentage point improvement in the cost:income ratio to 59%. Impairment charges rose £201m to £347m, mainly due to prolonged high interest rates and inflation rates and increased customer indebtedness resulting in higher delinquency levels in the retail portfolios.

### Analysis of results by business For the year ended 31st December 2008

	UK Retail Banking £m	Barclays Commercial Bank £m	Barclaycard £m	GRCB – Western Europe £m	GRCB – Emerging Markets £m	GRCB – Absa £m
Net interest income	2,996	1,757	1,786	856	616	1,104
Net fee and commission income	1,299	861	1,299	383	223	762
Principal transactions	–	22	82	165	169	111
Net premiums from insurance contracts	205	–	44	352	–	234
Other income	17	105	19	39	11	113
<b>Total income</b>	<b>4,517</b>	<b>2,745</b>	<b>3,230</b>	<b>1,795</b>	<b>1,019</b>	<b>2,324</b>
Net claims and benefits incurred on insurance contracts	(35)	–	(11)	(365)	–	(126)
<b>Total income, net of insurance claims</b>	<b>4,482</b>	<b>2,745</b>	<b>3,219</b>	<b>1,430</b>	<b>1,019</b>	<b>2,198</b>
Impairment charges and other credit provisions	(602)	(414)	(1,097)	(296)	(166)	(347)
<b>Net income</b>	<b>3,880</b>	<b>2,331</b>	<b>2,122</b>	<b>1,134</b>	<b>853</b>	<b>1,851</b>
Operating expenses	(2,519)	(1,063)	(1,422)	(929)	(719)	(1,305)
Share of post-tax results of associates and joint ventures	8	(2)	(3)	–	–	5
Profit on disposal of subsidiaries	–	–	–	–	–	1
Gains on acquisitions	–	–	92	52	–	–
<b>Profit before tax</b>	<b>1,369</b>	<b>1,266</b>	<b>789</b>	<b>257</b>	<b>134</b>	<b>552</b>
<b>As at 31st December 2008</b>						
<b>Total assets</b>	<b>101,384</b>	<b>84,029</b>	<b>30,925</b>	<b>64,732</b>	<b>14,653</b>	<b>40,391</b>
<b>Total liabilities</b>	<b>104,640</b>	<b>64,997</b>	<b>3,004</b>	<b>37,250</b>	<b>10,517</b>	<b>20,720</b>

### Investment Banking and Investment Management

Barclays Capital profit before tax was £1,302m in a very challenging market, down 44%, and included a gain on the acquisition of Lehman Brothers North American businesses of £2,262m. Net income of £2,808m was down 55% as the impact of market dislocation continued and included gross losses of £8,053m, partially offset by related income and hedges of £1,433m and gains of £1,663m from the general widening of credit spreads on structured notes issued by Barclays Capital. There were record performances in interest rate products, currency products, emerging markets, prime services and commodities. Equities, credit products, mortgages and asset backed securities and private equity were significantly impacted by market dislocation and recorded lower income than in 2007. Operating expenses, after absorbing Lehman Brothers North American businesses, were 5% lower than in 2007 due to lower performance related pay.

Barclays Global Investors profit before tax decreased 19% to £595m. Income fell 4% to £1,844m due to lower incentive fees. Operating expenses increased 5% and included charges of £263m (2007: £80m) related to selective support of liquidity products. Total assets under management were US\$1,495bn, reflecting net new assets of US\$99bn, negative market moves of US\$553bn and adverse exchange rate movements of US\$130bn.

Barclays Wealth profit before tax grew 119% to £671m, including a £326m profit on disposal of the closed life business, which contributed profit before tax of £104m before disposal. Income growth of 3% to £1,324m reflected strong growth in customer deposits and lending, partially offset by the impact of lower equity markets on fee income. Operating expenses decreased 4% reflecting strong cost control. Total client assets increased 10% (£12.6bn) to £145.1bn, with net new asset inflows and the acquisition of Lehman Brothers North American businesses offsetting the impact of negative market movements and the sale of the closed life business.

### Analysis of results by business For the year ended 31st December 2008

	Barclays Capital £m	Barclays Global Investors £m	Barclays Wealth £m
Net interest income	1,724	(38)	486
Net fee and commission income	1,429	1,917	720
Principal transactions	2,065	(43)	(344)
Net premiums from insurance contracts	–	–	136
Other income	13	8	26
<b>Total income</b>	<b>5,231</b>	<b>1,844</b>	<b>1,024</b>
Net claims and benefits incurred on insurance contracts	–	–	300
<b>Total income, net of insurance claims</b>	<b>5,231</b>	<b>1,844</b>	<b>1,324</b>
Impairment charges and other credit provisions	(2,423)	–	(44)
<b>Net income</b>	<b>2,808</b>	<b>1,844</b>	<b>1,280</b>
Operating expenses	(3,774)	(1,249)	(935)
Share of post-tax results of associates and joint ventures	6	–	–
Profit on disposal of subsidiaries	–	–	326
Gain on acquisition	2,262	–	–
<b>Profit before tax</b>	<b>1,302</b>	<b>595</b>	<b>671</b>

### As at 31st December 2008

<b>Total assets</b>	<b>1,629,117</b>	<b>71,340</b>	<b>13,263</b>
<b>Total liabilities</b>	<b>1,603,093</b>	<b>68,372</b>	<b>45,846</b>

## Analysis of results by business

# Global Retail and Commercial Banking

## UK Retail Banking

UK Retail Banking comprises Personal Customers, Home Finance, Local Business, Consumer Lending and Barclays Financial Planning. We have one of the largest branch networks in the UK with around 1,700 branches and an extensive network of cash machines.

### What we do

Our cluster of businesses aims to build broader and deeper relationships with customers. Personal Customers and Home Finance provide a wide range of products and services to retail customers, including current accounts, savings and investment products, mortgages branded Woolwich and general insurance. Barclays Financial Planning provides banking, investment products and advice to affluent customers.

Local Business provides banking services to small businesses. UK Retail Banking is also a gateway to more specialised services from other parts of Barclays such as Barclays Stockbrokers.

Our business serves 15.2 million UK customers.

### Performance

#### 2008/07

UK Retail Banking profit before tax increased 7% (£94m) to £1,369m (2007: £1,275m) through solid income growth and continued good control of impairment and costs. The launch of new products and propositions supported a significant increase in customer accounts, with Current Accounts increasing 4% (0.4m) to 11.7m (2007: 11.3m), Savings

Accounts increasing 8% (0.9m) to 12.0m (2007: 11.1m) and Mortgage Accounts increasing 8% (62,000) to 816,000 (2007: 754,000).

Income grew 4% (£185m) to £4,482m (2007: £4,297m) reflecting strong growth in Home Finance and solid growth in Consumer Lending and Local Business, partially offset by reduced income from Personal Customer Savings Accounts due to the impact of the reductions in the UK base rates in the second half of 2008.

Net interest income increased 5% (£138m) to £2,996m (2007: £2,858m) driven by strong growth in loans and advances. Total average customer deposit balances increased 5% to £85.9bn (2007: £81.8bn), reflecting solid growth in Personal Customer and Local Business balances.

Mortgage balances grew 18%, driven by increased share of new lending and higher levels of balance retention. Mortgage balances were £82.3bn at the end of the period (31st December 2007: £69.8bn), a market share of 7% (2007: 6%). Gross advances were stable at £22.9bn, with redemptions of £10.4bn (2007: £15.0bn). Net new lending was £12.5bn (2007: £8.0bn), a market share<sup>b</sup> of 36% (2007: 8%). The average loan to value ratio of the mortgage book (including buy-to-let) on a current valuation basis was 40% (2007: 34%). The average loan to value ratio of new mortgage lending was 47% (2007: 49%).

Net fee and commission income increased 10% (£116m) to £1,299m (2007: £1,183m) reflecting £116m settlements on overdraft fees in 2007. Excluding this, net fees and commissions were stable.

Impairment charges increased 8% (£43m) to £602m (2007: £559m), reflecting growth in customer assets of 15% and the impact of the current economic environment. Mortgage impairment charges were £24m (2007: release of £3m). Impairment charges within Consumer Lending increased 3%.

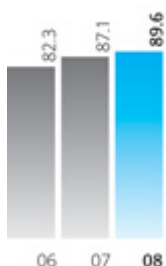
### Highlights

**£4,482m** **£1,369m**

Income Profit before tax

### Performance indicators

Customer deposits £bn



### Notes

- a Decrease in 2007 reflects the consolidation of Woolwich and Barclays current accounts.  
b Excludes Housing Associations.

### Key facts

	2008	2007	2006
<b>Personal Customers</b>			
Number of UK current accounts <sup>a</sup>	11.7m	11.3m	11.5m
Number of UK savings accounts	12.0m	11.1m	11.0m
Total UK mortgage balances	£ 82.3bn	£ 69.8bn	£ 61.7bn
<b>Local Business</b>			
Number of Local Business customers	660,000	643,000	630,000

Operating expenses increased 2% (£49m) to £2,519m (2007: £2,470m) reflecting reduced gains from the sale of property of £75m (2007: £193m). Continued strong and active management of expense lines, including back-office consolidation and process efficiencies, funded increased investment in product development and distribution channels.

The cost:income ratio improved one percentage point to 56% (2007: 57%).

#### 2007/06

UK Retail Banking profit before tax increased 8% (£94m) to £1,275m (2006: £1,181m) due to reduced costs and a strong improvement in impairment.

Income grew 2% (£67m) before the impact of settlements on overdraft fees in relation to prior years (£116m). This was driven by very strong growth in Personal Customer retail savings and good growth in Personal Customer current accounts, Home Finance and Local Business. Including the impact of settlements on overdraft fees, income decreased £49m to £4,297m (2006: £4,346m).

Net interest income increased 3% (£93m) to £2,858m (2006: £2,765m). Growth was driven by a higher contribution from deposits, through a combination of good balance sheet growth and an increased liability margin. Total average customer deposit balances increased 7% to £81.9bn (2006: £76.5bn), supported by the launch of new products.

Mortgage volumes increased significantly, driven by an improved mix of longer term value products for customers, higher levels of retention and continuing improvements in processing capability. Mortgage balances were £69.8bn at the end of the period (2006: £61.7bn), an approximate market share of 6% (2006: 6%). Gross advances were 25% higher at £23.0bn (2006: £18.4bn). Net lending was £8.0bn (2006: £2.4bn), representing market share of 8% (2006: 2%). The average loan to value

ratio of the residential mortgage book on a current valuation basis was 33%. The average loan to value ratio of new residential mortgage lending in 2007 was 54%. Consumer Lending balances decreased 4% to £7.9bn (2006: £8.2bn), reflecting the impact of tighter lending criteria.

Overall asset margins decreased as a result of the increased proportion of mortgages and contraction in unsecured loans.

Net fee and commission income reduced 4% (£49m) to £1,183m (2006: £1,232m). There was strong Current Account income growth in Personal Customers and good growth within Local Business. This was more than offset by settlements on overdraft fees.

Net premiums from insurance underwriting activities reduced 26% (£90m) to £252m (2006: £342m), as there continued to be lower customer take-up of loan protection insurance. Net claims and benefits on insurance contracts increased to £43m (2006: £35m).

Impairment charges decreased 12% (£76m) to £559m (2006: £635m) reflecting lower charges in unsecured Consumer Lending and Local Business. This was driven by improvements in the collection process which led to reduced flows into delinquency, lower levels of arrears and stable charge-offs. Mortgage impairment charges remained negligible.

Operating expenses reduced 2% (£62m) to £2,470m (2006: £2,532m), reflecting strong and active management of all expense lines, targeted processing improvements and back-office consolidation. Gains from the sale of property were £193m (2006: £253m). Increased investment was focused on improving the overall customer experience through converting and improving the branch network; revitalising the product offering; increasing operational and process efficiency; and meeting regulatory requirements.

The cost:income ratio improved one percentage point to 57%. Excluding the impact of settlements on overdraft fees, the cost:income ratio improved two percentage points to 56%.

#### UK Retail Banking

	2008 £m	2007 £m	2006 £m
<b>Income statement information</b>			
Net interest income	2,996	2,858	2,765
Net fee and commission income	1,299	1,183	1,232
Net premiums from insurance contracts	205	252	342
Other income	17	47	42
Total income	4,517	4,340	4,381
Net claims and benefits on insurance contracts	(35)	(43)	(35)
Total income net of insurance claims	4,482	4,297	4,346
Impairment charges	(602)	(559)	(635)
Net income	3,880	3,738	3,711
Operating expenses excluding amortisation of intangible assets	(2,499)	(2,461)	(2,531)
Amortisation of intangible assets	(20)	(9)	(1)
Operating expenses	(2,519)	(2,470)	(2,532)
Share of post-tax results of associates and joint ventures	8	7	2
Profit before tax	1,369	1,275	1,181
<b>Balance sheet information</b>			
Loans and advances to customers	£ 94.4bn	£82.0bn	£74.7bn
Customer accounts	£ 89.6bn	£87.1bn	£82.3bn
Total assets	£101.4bn	£88.5bn	£81.7bn
<b>Performance ratios</b>			
Cost:income ratio	56%	57%	58%
<b>Other financial measures</b>			
Risk tendency	£ 520m	£ 470m	£ 500m
Risk weighted assets <sup>a</sup>	£ 30.5bn	£31.5bn	£43.0bn

#### Note

a Risk weighted assets for 2008 and 2007 are calculated under Basel II. 2006 is calculated under Basel I.

## Analysis of results by business

# Global Retail and Commercial Banking

## Barclays Commercial Bank

Barclays Commercial Bank is one of the UK's leading providers of banking solutions to business customers and clients with an annual turnover of more than £1m.

### What we do

Barclays Commercial Bank provides banking services to more than 81,000 customers in the UK via a network of relationship, regional, industry-sector and product specialists.

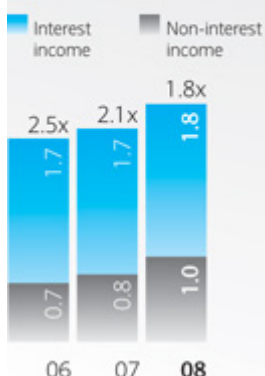
Working closely with our clients to understand their needs, we deliver financing, risk management, trade and cash management solutions constructed from a comprehensive suite of products, expertise and services. This includes specialist asset financing and leasing facilities.

### Highlights

**£2,745m** **£1,266m**  
Income Profit before tax

### Performance indicators

Interest income:  
non-interest income £bn



### Performance

#### 2008/07

Barclays Commercial Bank profit before tax decreased 7% (£91m) to £1,266m (2007: £1,357m) reflecting a resilient performance in challenging market conditions. The impact of growth in net fee and commission income and continued strong growth in customer lending was offset by increased impairment charges and higher operating expenses.

Income increased 7% (£181m) to £2,745m (2007: £2,564m).

Net interest income improved 1% (£10m) to £1,757m (2007: £1,747m). There was strong growth in average customer assets, particularly term loans, which increased 14% to £61.7bn (2007: £53.9bn) reflecting the continued commitment to lend to viable businesses. Average customer accounts grew 3% to £47.6bn (2007: £46.4bn).

Non-interest income increased to 36% of total income (2007: 32%) partly reflecting continued focus on cross sales and efficient balance sheet utilisation. Net fee and commission income increased 15% (£111m) to £861m (2007: £750m) due to increased income from foreign exchange, derivative sales and debt fee income.

Income from principal transactions fell to £22m (2007: £56m) due to lower equity realisations.

Other income of £105m (2007: £11m) included a £39m gain arising from the restructuring of Barclays interest in a third party finance operation. This gain was offset by a broadly similar tax charge. Other income also included £29m (2007: £7m) rental income from operating leases.

### Key facts

	2008	2007	2006
Number of customers	81,200	83,800	77,100
Number of colleagues	9,800	9,200	8,100

Impairment charges increased 42% (£122m) to £414m (2007: £292m) primarily reflecting higher impairment losses in Larger Business, particularly in the final quarter as the UK corporate credit environment deteriorated. Impairment as a percentage of period-end loans and advances to customers and banks increased to 0.60% (2007: 0.45%).

Operating expenses increased 14% (£134m) to £1,063m (2007: £929m) reflecting lower gains on the sale of property of £10m (2007: £40m), investment in a new payments capability (2008: £69m, 2007: £42m), growth in the operating lease business (2008: £31m, 2007: £7m) and investment in risk and operations infrastructure, sales force capability and product specialists.

#### 2007/06

Barclays Commercial Bank profit before tax decreased £5m to £1,357m (2006: £1,362m) due to continued good income growth partially offset by lower gains from business disposals. Profit before business disposals increased 4% to £1,343m (2006: £1,286m).

Income increased 7% (£160m) to £2,564m (2006: £2,404m). Non-interest income increased to 32% of total income (2006: 29%), reflecting continuing focus on cross sales and efficient balance sheet utilisation. There was very strong growth in net fee and commission income, which increased 17% (£107m) to £750m (2006: £643m) due to very strong performance in lending fees. There was also good growth in transaction

related income, foreign exchange and derivatives transactions undertaken on behalf of clients.

Net interest income improved 2% (£37m) to £1,747m (2006: £1,710m). Average customer lendings increased 3% to £53.9bn (2006: £52.3bn). Average customer accounts grew 4% to £46.4bn (2006: £44.8bn).

Income from principal transactions primarily reflecting venture capital and other equity realisations increased 87% (£26m) to £56m (2006: £30m).

Impairment charges increased 15% (£39m) to £292m (2006: £253m), mainly due to a higher level of impairment losses in Larger Business as impairment trended towards risk tendency. There was a reduction in impairment levels in Medium Business due to a tightening of the lending criteria.

Operating expenses increased 7% (£61m) to £929m (2006: £868m). Operating expenses are net of gains of £39m (2006: £60m) on the sale of property. Growth in operating expenses was focused on continuing investment in operations, infrastructure, and new initiatives in product development and sales capability.

### Barclays Commercial Bank

	2008 £m	2007 £m	2006 £m
<b>Income statement information</b>			
Net interest income	1,757	1,747	1,710
Net fee and commission income	861	750	643
Net trading income	3	9	2
Net investment income	19	47	28
Principal transactions	22	56	30
Other income	105	11	21
Total income	2,745	2,564	2,404
Impairment charges and other credit provisions	(414)	(292)	(253)
Net income	2,331	2,272	2,151
Operating expenses excluding amortisation of intangible assets	(1,048)	(924)	(867)
Amortisation of intangible assets	(15)	(5)	(1)
Operating expenses	(1,063)	(929)	(868)
Share of post-tax results of associates and joint ventures	(2)	–	3
Profit on disposal of subsidiaries, associates and joint ventures	–	14	76
Profit before tax	1,266	1,357	1,362
<b>Balance sheet information</b>			
Loans and advances to customers	£67.5bn	£63.7bn	£56.6bn
Loans and advances to customers including those designated at fair value	£80.5bn	£70.7bn	£62.1bn
Customer accounts	£60.6bn	£60.8bn	£57.4bn
Total assets	£84.0bn	£74.6bn	£66.2bn
<b>Performance ratios</b>			
Cost:income ratio	39%	36%	36%
<b>Other financial measures</b>			
Risk Tendency	£ 400m	£ 305m	£ 300m
Risk weighted assets <sup>a</sup>	£63.1bn	£57.0bn	£50.3bn

#### Note

a Risk weighted assets for 2008 and 2007 are calculated under Basel II. 2006 is calculated under Basel I.



## Analysis of results by business

# Global Retail and Commercial Banking Barclaycard

Barclaycard is a multi-brand international credit card, consumer lending and payment processing business. Our credit card was the first to be launched in the UK in 1966 and is now one of the leading credit card businesses in Europe, with a fast growing business in the United States and South Africa.

### What we do

In the UK our activities include all Barclaycard branded credit cards, secured lending business and Barclays Partner Finance, our retail finance business. In addition to these activities, Barclaycard also operates partnership cards with leading brands such as SkyCard. We continue to lead the UK market and we strengthened our position in 2008 with the purchase of the Goldfish portfolio, adding more than 1m customers to our growing customer base.

Barclaycard's international presence continues to grow very strongly, with international customers now almost equalling the number in the UK. We currently operate in Germany, South Africa and the United States, where we are one of the fastest-growing credit card businesses. In Scandinavia, we operate through Entercard, a joint venture with Swedbank.

Our payment processing business, Barclaycard Business, processes card payments for 89,000 retailers and merchants, and issues credit and charge cards to corporate customers and the UK Government. It is Europe's number one issuer of Visa Commercial Cards with over 132,000 corporate customers.

### Performance

#### 2008/07

Barclaycard profit before tax increased 31% (£186m) to £789m (2007: £603m), driven by strong international income growth and lower UK impairment charges. 2008 profit included £40m from the acquisition of, and contribution from, Goldfish, Discover's UK credit card business, acquired on 31st March 2008. The scale of the UK and international businesses increased substantially with total customer numbers up 31% to 23.3m.

Income increased 27% (£689m) to £3,219m (2007: £2,530m), reflecting strong growth in Barclaycard International and £156m from the inclusion of Goldfish, partially offset by a decline in FirstPlus following its closure to new business.

Net interest income increased 30% (£412m) to £1,786m (2007: £1,374m), driven by 58% growth in international average extended credit card balances to £5.2bn.

Net fee and commission income increased 14% (£156m) to £1,299m (2007: £1,143m), driven by growth in Barclaycard International.

Investment income increased £69m to £80m (2007: £11m), reflecting a £64m gain from the Visa IPO and a £16m gain from the sale of shares in MasterCard.

Other income increased £44m to £19m (2007: £25m loss), reflecting a gain from a portfolio sale in the United States. 2007 results reflected a £27m loss on disposal of part of the Monument card portfolio.

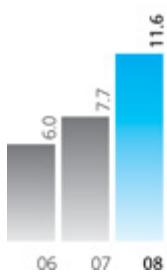
Impairment charges increased 33% (£270m) to £1,097m (2007: £827m), reflecting £252m growth in charges in the international businesses and £68m from the inclusion of Goldfish. These factors were partially offset by £50m lower impairment in the other UK businesses with reduced flows into delinquency and lower levels of arrears.

### Highlights

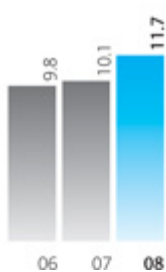
**£3,219m** **£789m**  
Income Profit before tax

### Performance indicators

Number of Barclaycard International customers m



Number of UK customers m



### Key facts

	2008	2007	2006
Number of Barclaycard UK customers	11.7m	10.1m	9.8m
UK credit cards – average outstanding balances	£ 9.9bn	£ 8.4bn	£ 9.4bn
UK credit cards – average extended credit balances	£ 8.0bn	£ 6.9bn	£ 8.0bn
Number of Barclaycard International customers	11.6m	7.7m	6.0m
International – average outstanding balance	£ 6.5bn	£ 4.1bn	£ 3.1bn
International – average extended credit balances	£ 5.2bn	£ 3.3bn	£ 2.5bn
Secured lending – average outstanding balance	£ 4.7bn	£ 4.3bn	£ 3.4bn
Number of retailer relationships	89,000	93,000	93,000



Operating expenses increased 30% (£329m) to £1,422m (2007: £1,093m), reflecting continued international growth and increased marketing investment. Operating expenses reflected Goldfish expenses of £140m, including restructuring costs of £64m.

The acquisition of Goldfish resulted in a gain on acquisition of £92m.

Barclaycard International maintained its strong growth momentum, delivering a 71% (£108m) increase in profit before tax to £260m (2007: £152m). Barclaycard US profit before tax was US\$249m which exceeded delivery of the financial plan of US\$150m set out at the time of acquisition. Strong balance sheet growth in Barclaycard US included US\$1.9bn of credit card receivables acquired from FIA Card Services in August 2008, furthering the existing partnership agreement with US Airways. The acquisition of a majority stake in Woolworths Financial Services in October 2008, added 1.6 million customers to the existing Absa credit card business in South Africa. The Entercard joint venture with Swedbank continued to build presence in Norway, Sweden and Denmark.

#### 2007/06

Barclaycard profit before tax increased 16% (£81m) to £603m (2006: £522m), driven by strong international growth coupled with a significant improvement in UK impairment charges. Other income included a £27m loss on disposal of part of the Monument card portfolio. 2006 results reflected a property gain of £38m.

Income decreased 2% (£46m) to £2,530m (2006: £2,576m), reflecting strong growth in Barclaycard International, offset by a decline in UK Cards revenue resulting from a more cautious approach to lending in the UK and a £27m loss on disposal of part of the Monument card portfolio.

Net interest income increased 1% (£11m) to £1,374m (2006: £1,363m), due to strong organic growth in international average

extended credit card balances, up 32% to £3.3bn and average secured consumer lending balances up 26% to £4.3bn, partially offset by lower UK average extended credit card balances which fell 14% to £6.9bn.

Net fee and commission income fell 3% (£40m) to £1,143m (2006: £1,183m), with growth in Barclaycard International offset by our actions in response to the Office of Fair Trading's findings on late and overlimit fees in the UK which were implemented in August 2006.

Impairment charges improved 21% (£226m) to £827m (2006: £1,053m), reflecting reduced flows into delinquency, lower levels of arrears and lower charge-offs in UK Cards. We made changes to our impairment methodologies to standardise our approach and in anticipation of Basel II. The net positive impact of these changes in methodology was offset by an increase in impairment charges in Barclaycard International and secured consumer lending.

Operating expenses increased 10% (£100m) to £1,093m (2006: £993m). Excluding a property gain of £38m in 2006, operating expenses increased 6% (£62m), reflecting continued investment in expanding our businesses in Europe and the United States. Costs in the UK businesses were broadly flat, with investment in new UK product innovations such as Barclaycard OnePulse being funded out of operating efficiencies.

Barclaycard International continued to gain momentum, delivering a profit before tax of £152m against a profit before tax of £8m in 2006. The Entercard joint venture continued to perform ahead of plan and entered the Danish market, extending its reach across the Scandinavian region. Barclaycard US was profitable, with very strong average balance growth and a number of new card partnerships, including Lufthansa Airlines and Princess Cruise Lines.

## Barclaycard

	2008 £m	2007 £m	2006 £m
<b>Income statement information</b>			
Net interest income	1,786	1,374	1,363
Net fee and commission income	1,299	1,143	1,183
Net tracking income	2	–	–
Net investment income	80	11	20
Principal transactions	82	11	20
Net premiums from insurance contracts	44	40	18
Other income	19	(25)	–
Total income	3,230	2,543	2,584
Net claims and benefits incurred on insurance contracts	(11)	(13)	(8)
Total income net of insurance claims	3,219	2,530	2,576
Impairment charges and other credit provisions	(1,097)	(827)	(1,053)
Net income	2,122	1,703	1,523
Operating expenses excluding amortisation of intangible assets	(1,361)	(1,057)	(969)
Amortisation of intangible assets	(61)	(36)	(24)
Operating expenses	(1,422)	(1,093)	(993)
Share of post-tax results of associates and joint ventures	(3)	(7)	(8)
Gain on acquisition	92	–	–
Profit before tax	789	603	522
<b>Balance sheet information</b>			
Loans and advances to customers	£ 27.4bn	£19.7bn	£ 18.1bn
Total assets	£ 30.9bn	£22.1bn	£ 20.0bn
<b>Performance ratios</b>			
Cost: income ratio	44%	43%	39%
<b>Other financial measures</b>			
Risk Tendency	£1,475m	£ 955m	£1,090m
Risk weighted assets <sup>a</sup>	£ 27.3bn	£20.2bn	£ 16.9bn

#### Note

a Risk weighted assets for 2008 and 2007 are calculated under Basel II. 2006 is calculated under Basel I.

## Analysis of results by business

# Global Retail and Commercial Banking Western Europe

**GRCB – Western Europe comprises our retail and commercial banking operations as well as our Barclaycard businesses in Spain, Portugal, France and Italy.**

### What we do

GRCB – Western Europe serves more than 2m retail and commercial banking customers in France, Italy, Portugal and Spain through a variety of distribution channels including 961 branches, 184 sales centres and 988 ATMs.

GRCB – Western Europe provides a variety of products and services including retail mortgages, current and deposit accounts, commercial lending, unsecured lending, credit cards, investments and insurance products, serving the needs of Barclays retail, mass affluent and corporate customers.

### Performance 2008/07

GRCB – Western Europe profit before tax grew 31% (£61m) to £257m (2007: £196m), despite challenging market conditions in Spain and accelerated investment in the expansion of the franchise. Distribution points increased 347 to 1,145 (2007: 798), including 149 in Italy. Strong income growth including gains of £82m from the Visa IPO and the sale of shares in MasterCard was partially offset by increased impairment and higher operating costs. Profit before tax was favourably impacted by the 16% appreciation in the average value of the Euro against Sterling.

Income increased 53% (£493m) to £1,430m (2007: £937m), reflecting growth in both net interest income and net fee and commission income.

Net interest income increased 62% (£329m) to £856m (2007: £527m), driven by a 63% increase in customer liabilities to £15.3bn (2007: £9.4bn) and a 53% increase in customer assets to £53.5bn (2007: £35.0bn).

Net fee and commission income increased 19% (£61m) to £383m (2007: £322m). Increased fees in retail and in the life insurance businesses were offset by lower market-related investment revenue.

Principal transactions grew £59m to £165m (2007: £106m) including

gains from the Visa IPO (£65m) and the sale of shares in MasterCard (£17m) which enabled GRCB – Western Europe to invest in the expansion of the business.

Impairment charges increased £220m to £296m (2007: £76m). This increase was principally due to higher charges in Spanish commercial property (£82m) and deterioration of the Spanish credit card portfolio (£66m) as a consequence of the rapid slowdown in the Spanish economy.

Operating expenses increased 38% (£256m) to £929m (2007: £673m), reflecting the rapid expansion of the retail distribution network and the strengthening of the Premier segment. Operating expenses also included £55m (2007: £22m) gains from the sale of property.

Gain on acquisition of £52m (2007: £nil) arose from the purchase of the Italian residential mortgage business of Macquarie Bank Limited in November 2008.

### 2007/06

GRCB – Western Europe profit before tax increased 21% (£34m) to £196m (2006: £162m). The performance reflected strong income growth driven by an increase in distribution points of 145 to 798 (2006: 653).

Income increased 25% (£186m) to £937m (2006: £751m), reflecting strong growth in net fee and commission income and principal transactions.

Net interest income increased 21% (£91m) to £527m (2006: £436m), driven by a 38% increase in customer liabilities to £9.4bn (2006: £6.8bn) and a 30% increase in customer assets to £35.0bn (2006: £26.9bn).

Net fee and commission income increased 30% (£74m) to £322m (2006: £248m), driven by the expansion of the customer base.

Principal transactions grew 34% (£27m) to £106m (2006: £79m), reflecting gains on equity investments.

Impairment charges grew 100% (£38m) to £76m (2006: £38m), reflecting very strong balance sheet growth.

Operating expenses grew 22% (£123m) to £673m (2006: £550m), driven by the expansion of the distribution network. Operating expenses included property sales in Spain of £22m (2006: £55m).

### Highlights

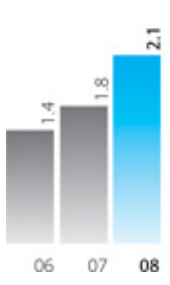
£1,430m **Income**      £257m **Profit before tax**

### Key facts

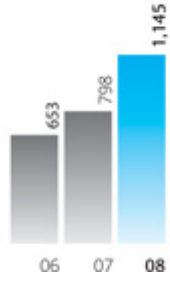
	2008	2007	2006
Number of distribution points	1,145	798	653

### Performance indicators

Number of customers m



Number of distribution points  
(branches and sales centres)



## GRCB – Western Europe

	2008 £m	2007 £m	2006 £m
<b>Income statement information</b>			
Net interest income	856	527	436
Net fee and commission income	383	322	248
Net trading income	4	13	14
Net investment income	161	93	65
Principal transactions	165	106	79
Net premiums from insurance contracts	352	145	110
Other income	39	7	16
Total income	1,795	1,107	889
Net claims and benefits incurred under insurance contracts	(365)	(170)	(138)
Total income net of insurance claims	1,430	937	751
Impairment charges	(296)	(76)	(38)
Net income	1,134	861	713
Operating expenses excluding amortisation of intangible assets	(915)	(665)	(542)
Amortisation of intangible assets	(14)	(8)	(8)
Operating expenses	(929)	(673)	(550)
Share of post-tax results of associates and joint ventures	–	–	(1)
Profit on disposal of subsidiaries, associates and joint ventures	–	8	–
Gain on acquisition	52	–	–
Profit before tax	257	196	162
<b>Balance sheet information</b>			
Loans and advances to customers	£53.5bn	£35.0bn	£26.9bn
Customer accounts	£15.3bn	£ 9.4bn	£ 6.8bn
Total assets	£64.7bn	£43.7bn	£33.5bn
<b>Performance ratios</b>			
Cost: income ratio	65%	72%	73%
<b>Other financial measures</b>			
Risk Tendency	£ 270m	£ 135m	£ 90m
Risk weighted assets <sup>a</sup>	£36.5bn	£25.0bn	£17.6bn

**Note**

a Risk weighted assets for 2008 and 2007 are calculated under Basel II. 2006 is calculated under Basel I.

## Analysis of results by business

# Global Retail and Commercial Banking Emerging Markets

**GRCB – Emerging Markets comprises our retail and commercial banking operations, as well as our Barclaycard businesses, in 14 countries across Africa, the Middle East and South East Asia.**

### What we do

GRCB – Emerging Markets serves retail and commercial banking customers in Botswana, Egypt, Ghana, India, Kenya, Mauritius, Pakistan, Russia, Seychelles, Tanzania, Uganda, the UAE, Zambia and Zimbabwe.

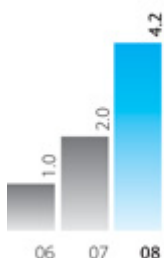
Through a network of more than 830 distribution points and 1,440 ATMs, we provide 4.2m customers and clients with a full range of products and services. This includes current accounts, savings, investments, mortgages and secured and unsecured lending.

### Highlights

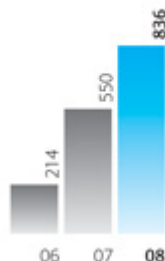
**£1,019m** **£134m**  
Income Profit before tax

### Performance indicators

Number of customers m



Number of distribution points (branches and sales centres)



### Performance 2008/07

GRCB – Emerging Markets profit before tax increased 34% (£34m) to £134m (2007: £100m). Very strong income growth, including £82m from the Visa IPO and the sale of shares in MasterCard, absorbed the increased investment across existing and new markets and higher impairment charges. The number of distribution points increased 286 to 836 (2007: 550). New market entries in 2008 comprised the acquisition of Expobank in Russia, the launch of a new business in Pakistan and the announced acquisition of Bank Akita in Indonesia.

Income increased 91% (£486m) to £1,019m (2007: £533m), reflecting growth in lending, deposit taking and fee-driven transactional revenues.

Net interest income increased 93% (£297m) to £616m (2007: £319m), loans and advances to customers increased 98% to £10.1bn (2007: £5.1bn). Customer accounts increased 55% to £9.6bn (2007: £6.2bn).

### Key facts

	2008	2007	2006
Number of distribution points	836	550	214

Net fee and commission income increased 59% (£83m) to £223m (2007: £140m), primarily driven by very strong growth in commercial banking and treasury fee income.

Principal transactions increased £97m to £169m (2007: £72m), reflecting higher foreign exchange income, a gain of £68m relating to the Visa IPO and a gain of £14m from the sale of shares in MasterCard.

Impairment charges increased £127m to £166m (2007: £39m), reflecting higher assets and delinquencies, particularly in India and increased wholesale impairment in Africa.

Operating expenses increased 82% (£324m) to £719m (2007: £395m), reflecting continued investment in new markets and expansion of the business in existing markets, with investment in infrastructure and the roll-out of global platforms.

#### 2007/06

GRCB – Emerging Markets profit before tax decreased 74% to £100m (2006: £384m). The performance in 2006 reflected the sale of First Carribean International Bank which resulted in a profit of £247m in December 2006. In addition, profits of £41m were generated by the First Carribean business up to date of sale. Excluding First Carribean, the performance reflected very strong income growth driven by a rapid growth

in distribution points to 550 (2006: 214), as well as the launch of new businesses in India and UAE.

Income increased 35% (£137m) to £533m (2006: £396m) driven by new business in India and UAE and excellent performances in Egypt, Kenya and Ghana.

Net interest income increased 30% (£73m) to £319m (2006: £246m). Total customer loans increased 89% (£2.4bn) to £5.1bn (2006: £2.7bn) with lending margins improving with changing product mix. Customer deposits increased 47% (£2.0bn) to £6.2bn (2006: £4.2bn), driven by growth across the markets.

Net fee and commission income declined marginally (£1m) to £140m (2006: £141m).

Principal transactions increased £68m to £72m (2006: £4m), reflecting gains on equity investments and higher foreign exchange income across markets.

Impairment charges rose 30% (£9m) to £39m (2006: £30m). The increase reflected very strong balance sheet growth in 2006 and 2007.

Operating expenses grew 46% (£125m) to £395m (2006: £270m), driven by the rapid expansion of the distribution network across all markets and investment in people and infrastructure to support future growth across the franchise.

#### GRCB – Emerging Markets

	2008 £m	2007 £m	2006 £m
<b>Income statement information</b>			
Net interest income	616	319	246
Net fee and commission income	223	140	141
Net trading income	78	56	3
Net investment income	91	16	1
Principal transactions	169	72	4
Net premiums from insurance contracts	–	–	1
Other income	11	2	4
<b>Total income</b>	<b>1,019</b>	<b>533</b>	<b>396</b>
Impairment charges	(166)	(39)	(30)
<b>Net income</b>	<b>853</b>	<b>494</b>	<b>366</b>
Operating expenses excluding amortisation of intangible assets	(711)	(391)	(269)
Amortisation of intangible assets	(8)	(4)	(1)
Operating expenses	(719)	(395)	(270)
Share of post-tax results of associates and joint ventures	–	1	41
Profit on disposal of subsidiaries, associates and joint ventures	–	–	247
<b>Profit before tax</b>	<b>134</b>	<b>100</b>	<b>384</b>
<b>Balance sheet information</b>			
Loans and advances to customers	£10.1bn	£ 5.1bn	£2.7bn
Customer accounts	£ 9.6bn	£ 6.2bn	£4.2bn
Total assets	£14.7bn	£ 9.2bn	£5.2bn
<b>Performance ratios</b>			
Cost: income ratio	71%	74%	68%
<b>Other financial measures</b>			
Risk Tendency	£ 350m	£ 140m	£ 35m
Risk weighted assets <sup>a</sup>	£15.1bn	£10.5bn	£3.3bn

#### Note

a Risk weighted assets for 2008 and 2007 are calculated under Basel II. 2006 is calculated under Basel I.

## Analysis of results by business

# Global Retail and Commercial Banking Absa

**GRCB – Absa comprises three operating divisions: Retail Banking, Commercial Banking and a Bancassurance division. The Absa Group’s other businesses are Absa Capital and Absa Card, which are included in Barclays Capital and Barclaycard respectively.**

### What we do

GRCB – Absa forms part of Absa Group Limited, one of South Africa’s largest financial services groups, listed on the Johannesburg Stock Exchange Limited. GRCB – Absa offers a complete range of banking products and services, including current accounts, savings products, bancassurance, mortgages, instalment finance and wealth management. It also offers customised business solutions for commercial and large corporate customers.

Absa’s business is conducted primarily in South Africa. In addition to this, the Group has equity holdings in banks in Mozambique, Angola and Tanzania.

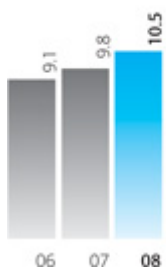
Absa serves more than 10m customers through a range of physical channels that include 1,177 distribution points and 8,719 ATMs, as well as electronic channels such as telephone and online banking.

### Highlights

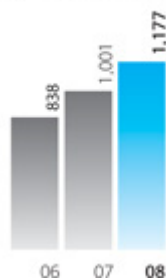
**£2,198m** **£552m**  
Income Profit before tax

### Performance indicators

Number of customers m



Number of distribution points (branches and sales centres)



### Performance 2008/07

#### Global Retail and Commercial Banking – Absa

GRCB – Absa profit before tax decreased 8% (£45m) to £552m (2007: £597m), owing to challenging market conditions and the 7% depreciation in the average value of the Rand against Sterling. Profit before tax included a gain of £47m relating to the Visa IPO. Very strong Rand income growth was partially offset by increased impairment and investment in the expansion of the franchise by 176 distribution points to 1,177 (2007: 1,001).

Total income increased 10% (£211m) to £2,324m (2007: £2,113m).

Net interest income improved 5% (£49m) to £1,104m (2007: £1,055m) reflecting strong balance sheet growth. Average customer assets increased 9% to £27.7bn (2007: £25.3bn), primarily driven by retail and commercial mortgages and commercial cheque accounts. Average customer liabilities increased 17% to £13.5bn (2007: £11.5bn), primarily driven by retail savings.

Net fee and commission income increased 11% (£78m) to £762m (2007: £684m), underpinned by retail transaction volume growth.

### Key facts

	2008	2007	2006
Number of ATMs	8,719	8,162	7,411
Number of corporate customers	107,000	100,000	84,000

Principal transactions increased £41m to £111m (2007: £70m) reflecting gains on economic hedges relating to the commercial property finance and liquid asset portfolios.

Other income increased £36m to £113m (2007: £77m), reflecting a gain of £47m from the Visa IPO.

Impairment charges increased £201m to £347m (2007: £146m) as a result of rising delinquency levels in the retail portfolios, which have been impacted by rising interest and inflation rates and increasing consumer indebtedness.

Operating expenses increased 3% (£38m) to £1,305m (2007: £1,267m). The cost:income ratio improved from 63% to 59%.

## 2007/06

### Global Retail and Commercial Banking – Absa

GRCB – Absa profit before tax decreased 2% (£12m) to £597m (2006: £609m) mainly owing to the weaker currency. The impact of the weaker currency was offset by very good performances from Retail Banking and Absa Corporate and Business Bank. Key factors impacting the results included: very strong asset and income growth; the diversification of earnings in favour of investment banking and commercial banking; an increased retail credit impairment charge, and the achievement of the Absa – Barclays synergy target 18 months ahead of schedule.

Income decreased 2% (£32m) to £1,999m (2006: £2,031m).

Net interest income increased by 7% (£72m) to £1,055m (2006: £983m), driven by growth in loans and advances and deposits at improved margins. Loans and advances to customers increased 27% from 31st December 2006 mainly driven by growth of 23% in mortgages.

Net fee and commission income decreased by 9% (£70m) to £684m (2006: £754m) mainly owing to the weaker currency. The increase in local currency reflects a growth of 3% underpinned by increased transaction volumes in Retail Banking and Absa Corporate and Business Bank.

Principal transactions decreased £36m to £70m (2006: £106m) reflecting losses on economic hedges relating to the commercial property finance and liquid asset portfolios.

Other income increased £23m to £77m (2006: £54m).

Impairment charges increased £34m to £146m (2006: £112m) from the cyclically low levels of recent years. Arrears in retail portfolios increased driven by interest rate increases in 2006 and 2007. Impairment charges as a percentage of loans and advances to customers was 0.49%, ahead of the 0.48% charge in 2006 but within long-term industry averages.

Operating expenses decreased 4% (£52m) to £1,267m (2006: £1,319m), resulting from the realisation of synergy benefits of R1,428m (£100m) thus achieving the synergy target of R1.4bn 18 months ahead of schedule. This was partially offset by the increased investment in new distribution outlets and staff in order to support continued growth in volumes and customers.

### GRCB – Absa

	2008 £m	2007 £m	2006 £m
<b>Income statement information</b>			
Net interest income	1,104	1,055	983
Net fee and commission income	762	684	754
Net trading income/(expense)	6	–	(11)
Net investment income	105	70	117
Principal transactions	111	70	106
Net premiums from insurance contracts	234	227	240
Other income	113	77	54
<b>Total income</b>	<b>2,324</b>	<b>2,113</b>	<b>2,137</b>
Net claims and benefits incurred under insurance contracts	(126)	(114)	(106)
<b>Total income net of insurance claims</b>	<b>2,198</b>	<b>1,999</b>	<b>2,031</b>
Impairment charges	(347)	(146)	(112)
<b>Net income</b>	<b>1,851</b>	<b>1,853</b>	<b>1,919</b>
Operating expenses excluding amortisation of intangible assets	(1,255)	(1,212)	(1,250)
Amortisation of intangible assets	(50)	(55)	(69)
<b>Operating expenses</b>	<b>(1,305)</b>	<b>(1,267)</b>	<b>(1,319)</b>
Share of post-tax results of associates and joint ventures	5	6	9
Profit on disposal of subsidiaries, associates and joint ventures	1	5	–
<b>Profit before tax</b>	<b>552</b>	<b>597</b>	<b>609</b>
<b>Balance sheet information</b>			
Loans and advances to customers	£32.7bn	£29.9bn	£23.5bn
Customer accounts	£17.0bn	£13.0bn	£10.9bn
<b>Total assets</b>	<b>£40.4bn</b>	<b>£36.4bn</b>	<b>£29.6bn</b>
<b>Performance ratios</b>			
Cost:income ratio	59%	63%	65%
<b>Other financial measures</b>			
Risk Tendency	£ 255m	£ 190m	£ 130m
Risk weighted assets <sup>a</sup>	£18.8bn	£17.8bn	£19.8bn

### Note

a Risk weighted assets for 2008 and 2007 are calculated under Basel II. 2006 is calculated under Basel I.



## Analysis of results by business

# Investment Banking and Investment Management Barclays Capital

**Barclays Capital is a leading global investment bank providing large corporate, government and institutional clients with a full spectrum of solutions to their strategic advisory, financing and risk management needs.**

### What we do

Barclays Capital is a global investment bank, which offers clients the full range of services covering strategic advisory and M&A; equity and fixed income capital raising and corporate lending; and risk management across foreign exchange, interest rates, equities and commodities.

Activities are organised into three principal areas: Global Markets, which includes commodities, credit products, equities, foreign exchange, interest rate products; Investment Banking, which includes corporate advisory, Mergers and Acquisitions, equity and fixed-income capital raising and corporate lending; and Private Equity and Principal Investments. Barclays Capital includes Absa Capital, the investment banking business of Absa.

Barclays Capital works closely with all other parts of the Group to leverage synergies from client relationships and product capabilities.

### Performance 2008/07

In an exceptionally challenging market environment Barclays Capital profit before tax decreased 44% (£1,033m) to £1,302m (2007: £2,335m). Profit before tax included a gain on the acquisition of Lehman Brothers North American businesses of £2,262m. Absa Capital profit before tax grew 13% to £175m (2007: £155m).

Net income included gross losses of £8,053m (2007: £2,999m) due to continuing dislocation in the credit markets. These losses were partially offset by income and hedges of £1,433m (2007: £706m), and gains of £1,663m (2007: £658m) from the general widening of credit spreads on structured notes issued by Barclays Capital. The gross losses, comprised £6,290m (2007: £2,217m) against income and £1,763m (2007: £782m) in impairment charges. Further detail is provided on page 94.

The integration of the Lehman Brothers North American businesses is complete and the acquired businesses made a positive contribution, with

good results in equities, fixed income and advisory. There was a gain on acquisition of £2,262m. Not included in this gain is expenditure relating to integration of the acquired business.

Income was down 27% at £5,231m (2007: £7,119m) driven by the impact of the market dislocation. There was very strong underlying growth in the US driven by fixed income, prime services and the acquired businesses. In other regions income fell driven by the challenging environment.

Net trading income decreased 60% (£2,233m) to £1,506m (2007: £3,739m) reflecting losses from the credit market dislocation and weaker performance in credit products and equities. This was partially offset by significant growth in interest rates, foreign exchange, emerging markets and prime services. Average DVaR at 95% increased by 64% to £53.4m driven by higher credit spread and interest rate risk.

Net investment income decreased 41% (£394m) to £559m reflecting the market conditions. Net interest income increased 46% (£545m) to £1,724m (2007: £1,179m), driven by strong results in global loans and money markets. Net fee and commission income from advisory and origination activities increased 16% (£194m) to £1,429m. The corporate lending portfolio, including leveraged finance, increased 46% to £76.6bn (31st December 2007: £52.3bn) driven by the decline in the value of Sterling relative to other currencies as well as draw downs on existing loan facilities and the extension of new loans at current terms to financial and manufacturing institutions.

Impairment charges and other credit provisions of £2,423m (2007: £846m) included £1,763m (2007: £782m) due to the credit market dislocation. Other impairment charges of £660m (2007: £64m) principally related to private equity, prime services and the loan book.

Operating expenses fell 5% (£199m) to £3,774m (2007: £3,973m) due to lower performance related pay, partially offset by operating costs of the acquired businesses.

Total headcount increased 6,900 to 23,100 (31st December 2007: 16,200). Prior to the acquisition of Lehman Brothers North American businesses, headcount during 2008 was materially unchanged except for hiring associated with the annual global graduate programme. The acquisition initially added 10,000 to the headcount but there were reductions in the fourth quarter as the US businesses were integrated.

### Highlights

**£5,231m** **£1,302m**  
Income Profit before tax

### Key facts

League table rankings	2008	2007	2006
<b>Rankings:</b>			
Global All Bonds	1	2	1
US Investment Grade	3	10	7
US Government Securities Survey	1	1	8
Foreign Exchange Survey	3	5	4
US M&A	4	–	–

**2007/06**

Barclays Capital delivered profits ahead of the record results achieved in 2006 despite challenging trading conditions in the second half of the year. Profit before tax increased 5% (£119m) to £2,335m (2006: £2,216m). There was strong income growth across the Rates businesses and excellent results in Continental Europe, Asia and Africa demonstrating the breadth of the client franchise. Net income was slightly ahead at £6,273m (2006: £6,225m) and costs were tightly managed, declining slightly year on year. Absa Capital delivered very strong growth in profit before tax to £155m (2006: £71m).

The US sub-prime driven market dislocation affected performance in the second half of 2007. Exposures relating to US sub-prime were actively managed and declined over the period. Barclays Capital's 2007 results reflected gross losses of £2,999m (2006: £nil) due to the dislocation of credit markets. These losses were partially offset by income and hedges of £706m (2006: £nil) and gains of £658m (2006: £nil) from the general widening of credit spreads on structured notes issued by Barclays Capital. The gross losses comprised £2,217m (2006: £nil) against income and £782m (2006: £nil) in impairment charges.

Income increased 14% (£852m) to £7,119m (2006: £6,267m) as a result of very strong growth in interest rate, currency, equity, commodity and emerging market asset classes. There was excellent income growth in continental Europe, Asia, and Africa. Average DVaR increased 13% to £42m (2006: £37.1m) in line with income.

Secondary income, comprising principal transactions (net trading income and net investment income), is mainly generated from providing client financing and risk management solutions. Secondary income increased 11% (£578m) to £5,871m (2006: £5,293m).

Net trading income increased 5% (£177m) to £3,739m (2006: £3,562m) with strong contributions from fixed income, commodities, equities, foreign exchange and prime services businesses. These were largely offset by net losses in the business affected by sub-prime

mortgage related write-downs. The general widening of credit spreads that occurred over the course of the second half of 2007 also reduced the carrying value of the £40.7bn of structured notes issued by Barclays Capital held at fair value on the balance sheet, resulting in gains of £658m (2006: £nil). Net investment income increased 66% (£380m) to £953m (2006: £573m) as a result of a number of private equity realisations, investment disposals in Asia and structured capital markets transactions. Net interest income increased 2% (£21m) to £1,179m (2006: £1,158m), driven by higher contributions from money markets. The corporate lending portfolio increased 29% to £52.3bn (2006: £40.6bn), largely due to an increase in drawn leveraged finance positions and a rise in drawn corporate loan balances.

Primary income, which comprises net fee and commission income from advisory and origination activities, grew 30% (£283m) to £1,235m (2006: £952m), with good contributions from bonds and loans.

Impairment charges and other credit provisions of £846m included £722m against ABS CDO Super Senior exposures, £60m from other credit market exposures and £58m relating to drawn leveraged finance underwriting positions. Other impairment charges on loans and advances amounted to a release of £7m (2006: £44m release) before impairment charges on available for sale assets of £13m (2006: £86m).

Operating expenses decreased 1% (£36m) to £3,973m (2006: £4,009m). Performance related pay, discretionary investment spend and short term contractor resources represented 42% (2006: 50%) of the cost base. Amortisation of intangible assets of £54m (2006: £13m) principally related to mortgage service rights.

Total headcount increased 3,000 during 2007 to 16,200 (2006: 13,200) including 800 from the acquisition of EquiFirst. The majority of organic growth was in Asia Pacific.

**Barclays Capital**

	2008 £m	2007 £m	2006 £m
<b>Income statement information</b>			
Net interest income	1,724	1,179	1,158
Net fee and commission income	1,429	1,235	952
Net trading income	1,506	3,739	3,562
Net investment income	559	953	573
Principal transactions	2,065	4,692	4,135
Other income	13	13	22
Total income	5,231	7,119	6,267
Impairment charges and other credit provisions	(2,423)	(846)	(42)
Net income	2,808	6,273	6,225
Operating expenses excluding amortisation of intangible assets	(3,682)	(3,919)	(3,996)
Amortisation of intangible assets	(92)	(54)	(13)
Operating expenses	(3,774)	(3,973)	(4,009)
Share of post-tax results of associates and joint ventures	6	35	–
Gain on acquisition	2,262	–	–
Profit before tax	1,302	2,335	2,216
<b>Balance sheet information</b>			
Total assets	£1,629.1bn	£839.9bn	£657.9bn
<b>Performance ratios</b>			
Cost:income ratio	72%	56%	64%
<b>Other financial measures</b>			
Risk Tendency	£ 415m	£ 140m	£ 95m
Risk weighted assets <sup>a</sup>	£ 227.4bn	£178.2bn	£137.6bn
Average DVaR (95%) <sup>b</sup>	£ 53.4m	£ 32.5m	£ 37.1m

**Notes**

a Risk weighted assets for 2008 and 2007 are calculated under Basel II. 2006 is calculated under Basel I.

b Average DVaR for 2007 and 2006 are calculated with a 98% confidence level.

## Analysis of results by business

### Investment Banking and Investment Management Barclays Global Investors

Barclays Global Investors (BGI) is one of the world's largest asset managers and a leading global provider of investment management products and services. We are the global leader in assets and products in the exchange traded funds business, with 360 funds for institutions and individuals trading globally. BGI's investment philosophy is founded on managing all dimensions of performance: a consistent focus on controlling risk, return and cost.

With a 3,000-plus strong workforce, we currently have over £1trn in assets under management, for 3,000 clients around the world.

#### What we do

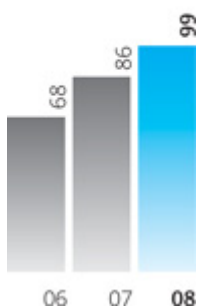
BGI offers structured investment strategies such as indexing, global asset allocation and risk controlled active products including hedge funds and provides related investment services such as securities lending, cash management and portfolio transition services.

#### Highlights

**£1,844m** **£595m**

Income Profit before tax

Net new assets \$bn



Performance indicators

BGI collaborates with the other Barclays businesses, particularly Barclays Capital and Barclays Wealth, to develop and market products and leverage capabilities to better serve the client base.

#### Performance 2008/07

Barclays Global Investors profit before tax decreased 19% (£139m) to £595m (2007: £734m). Profit was impacted by the cost of provision of selective support of liquidity products of £263m (2007: £80m) and an 8% appreciation in the average value of the US Dollar against Sterling.

Income declined 4% (£82m) to £1,844m (2007: £1,926m).

Net fee and commission income declined 1% (£19m) to £1,917m (2007: £1,936m). This was primarily attributable to reduced incentive fees of £49m (2007: £198m), partially offset by increased securities lending revenue.

Operating expenses increased 5% (£57m) to £1,249m (2007: £1,192m). Operating expenses included charges of £263m (2007: £80m) related to selective support of liquidity products, partially offset by a reduction in performance related costs. The cost:income ratio increased to 68% (2007: 62%).

#### Key facts

	2008	2007	2006
Assets under management (£):	<b>1,040bn</b>	1,044bn	927bn
– indexed	<b>653bn</b>	615bn	566bn
– iShares	<b>226bn</b>	205bn	147bn
– active	<b>161bn</b>	224bn	214bn
Net new assets in period (£)	<b>61bn</b>	42bn	37bn
Assets under management (US\$):	<b>1,495bn</b>	2,079bn	1,814bn
– indexed	<b>939bn</b>	1,225bn	1,108bn
– iShares	<b>325bn</b>	408bn	287bn
– active	<b>231bn</b>	446bn	419bn
Net new assets in period (US\$)	<b>99bn</b>	86bn	68bn
Number of iShares products	<b>360</b>	324	191
Number of institutional clients	<b>3,000</b>	3,000	2,900

Total assets under management remained flat at £1,040bn (2007: £1,044bn) comprising £61bn of net new assets, £234bn of favourable exchange movements and £299bn of adverse market movements. In US Dollar terms assets under management decreased 28% (US\$584bn) to US\$1,495bn (2007: US\$2,079bn), comprising US\$99bn of net new assets, US\$130bn of negative exchange rate movements and US\$553bn of negative market movements.

#### 2007/06

Barclays Global Investors delivered solid growth in profit before tax, which increased 3% (£20m) to £734m (2006: £714m). Very strong US Dollar income and strong profit growth was partially offset by the 8% depreciation in the average value of the US Dollar against Sterling.

Income grew 16% (£261m) to £1,926m (2006: £1,665m).

Net fee and commission income grew 17% (£285m) to £1,936m (2006: £1,651m). This was primarily attributable to increased management fees and securities lending. Incentive fees increased 6% (£12m) to £198m (2006: £186m). Higher asset values, driven by higher market levels and good net new inflows, contributed to the growth in income.

Operating expenses increased 25% (£241m) to £1,192m (2006: £951m) as a result of significant investment in key product and channel growth initiatives and in infrastructure as well as growth in the underlying business. Operating expenses included charges of £80m (2006: £nil) related to selective support of liquidity products managed in the US. The cost:income ratio rose five percentage points to 62% (2006: 57%).

Headcount increased 700 to 3,400 (2006: 2,700). Headcount increased in all geographical regions and across product groups and the support functions, reflecting continued investment to support further growth.

Total assets under management increased 13% (£117bn) to £1,044bn (2006: £927bn) comprising £42bn of net new assets, £12bn attributable to the acquisition of Indexchange Investment AG (Indexchange), £66bn of favourable market movements and £3bn of adverse exchange movements. In US Dollar terms assets under management increased 15% (US\$265bn) to US\$2,079bn (2006: US\$1,814bn), comprising US\$86bn of net new assets, US\$23bn attributable to acquisition of Indexchange, US\$127bn of favourable market movements and US\$29bn of positive exchange rate movements.

### Barclays Global Investors

	2008 £m	2007 £m	2006 £m
<b>Income statement information</b>			
Net interest (expense)/income	(38)	(8)	10
Net fee and commission income	1,917	1,936	1,651
Net trading income	(14)	5	2
Net investment (expense)/income	(29)	(9)	2
Principal transactions	(43)	(4)	4
Other income	8	2	–
Total income	1,844	1,926	1,665
Operating expenses excluding amortisation of intangible assets	(1,234)	(1,184)	(946)
Amortisation of intangible assets	(15)	(8)	(5)
Operating expenses	(1,249)	(1,192)	(951)
Profit before tax	595	734	714
<b>Balance sheet information</b>			
Total assets	£71.3bn	£89.2bn	£80.5bn
<b>Performance ratios</b>			
Cost:income ratio	68%	62%	57%
<b>Other financial measures</b>			
Risk weighted assets <sup>a</sup>	£ 3.9bn	£ 4.4bn	£ 1.4bn

#### Note

a Risk weighted assets for 2008 and 2007 are calculated under Basel II. 2006 is calculated under Basel I.

## Analysis of results by business

### Investment Banking and Investment Management Barclays Wealth

Barclays Wealth focuses on high net worth, affluent and intermediary clients worldwide. We are the UK's leading wealth manager by client assets. We have 7,900 staff in over 20 countries and have total client assets of £145bn. We have offices across the Americas following the acquisition of Lehman Brothers Private Investment Management in 2008.

#### What we do

Barclays Wealth provides international and private banking, fiduciary services, investment management, and brokerage.

We work closely with all other parts of the Group to leverage synergies from client relationships and product capabilities, for example, offering world-class investment solutions with institutional quality products and services from Barclays Capital and Barclays Global Investors.

#### Performance

##### 2008/07

Barclays Wealth profit before tax grew 119% (£364m) to £671m (2007: £307m). Profit before gains on disposal increased 12% (£38m) driven by solid income growth and tight cost control, offset by an increase in impairment charges. The closed life assurance business contributed profit before tax of £104m (2007: £110m) prior to its sale in October 2008, which generated a profit on disposal of £326m.

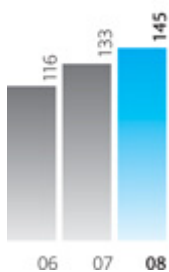
#### Highlights

£1,324m £671m

Income Profit before tax

#### Performance indicators

Total client assets £bn



Income increased 3% (£37m) to £1,324m (2007: £1,287m).

Net interest income increased 13% (£55m) to £486m (2007: £431m) reflecting strong growth in both customer deposits and lending. Average deposits grew 19% to £37.2bn (2007: £31.2bn). Average lending grew 31% to £9.7bn (2007: £7.4bn).

Net fee and commission income decreased 3% (£19m) to £720m (2007: £739m) driven by falling equity markets partially offset by increased client assets.

Net investment income, net premiums from insurance contracts and net claims and benefits paid on insurance contracts related wholly to the closed life assurance business. Their overall net impact on income increased marginally to £103m (2007: £95m). The decrease in net investment income, driven by a fall in the value of unit linked contracts and reduced premium income, were offset by reduced net claims and benefits as a result of a fall in the value of linked and non-linked liabilities.

Impairment charges increased £37m to £44m (2007: £7m) from a very low base. This increase reflected both the substantial increase in the loan book over the last three years and the impact of the current economic environment on client liquidity and collateral values.

Operating expenses decreased 4% to £935m (2007: £973m) with significant cost savings including a reduction in performance related costs partially offset by increased expenditure in upgrading technology and operating platforms and continued hiring of client-facing staff.

#### Key facts

	2008	2007	2006
Total client assets	£145.1bn	£132.5bn	£116.1bn

Total client assets, comprising customer deposits and client investments, increased 10% (£12.6bn) to £145.1bn (2007: £132.5bn) with underlying net new asset inflows of £3.2bn and the acquisition of the Lehman Brothers North American businesses offsetting the impact of market and foreign exchange movements and the sale of the closed life assurance book.

#### 2007/06

Barclays Wealth profit before tax showed very strong growth of 25% (£62m) to £307m (2006: £245m). Performance was driven by broadly based income growth, reduced redress costs and tight cost control, partially offset by additional volume-related costs and increased investment in people and infrastructure to support future growth.

Income increased 11% (£127m) to £1,287m (2006: £1,160m).

Net interest income increased 10% (£39m) to £431m (2006: £392m), reflecting strong growth in both customer deposits and lending. Average deposits grew 13% to £31.2bn (2006: £27.7bn). Average lending grew 35% to £7.4bn (2006: £5.5bn), driven by increased lending to high net worth, affluent and intermediary clients.

Net fee and commission income grew 10% (£65m) to £739m (2006: £674m). This reflected growth in client assets and higher transactional income from increased sales of investment products and solutions.

Principal transactions decreased £101m to £55m (2006: £156m) as a result of lower growth in the value of unit linked insurance contracts. Net premiums from insurance contracts reduced £15m to £195m (2006: £210m). These reductions were offset by a lower charge for net claims and benefits incurred under insurance contracts of £152m (2006: £288m).

Operating expenses increased 7% to £973m (2006: £913m) with greater volume-related costs and a significant increase in investment partially offset by efficiency gains and lower customer redress costs of £19m (2006: £67m). Ongoing investment programmes included increased hiring of client-facing staff and improvements to infrastructure with the upgrade of technology and operations platforms. The cost:income ratio improved three percentage points to 76% (2006: 79%).

Total client assets, comprising customer deposits and client investments, increased 14% (£16.4bn) to £132.5bn (2006: £116.1bn), reflecting strong net new asset inflows and the acquisition of Walbrook, an independent fiduciary services company, which completed on 18th May 2007.

### Barclays Wealth

	2008 £m	2007 £m	2006 £m
<b>Income statement information</b>			
Net interest income	486	431	392
Net fee and commission income	720	739	674
Net trading income	(11)	3	2
Net investment income	(333)	52	154
Principal transactions	(344)	55	156
Net premiums from insurance contracts	136	195	210
Other income	26	19	16
Total income	1,024	1,439	1,448
Net claims and benefits incurred on insurance contracts	300	(152)	(288)
Total income net of insurance claims	1,324	1,287	1,160
Impairment charges	(44)	(7)	(2)
Net income	1,280	1,280	1,158
Operating expenses excluding amortisation of intangible assets	(919)	(967)	(909)
Amortisation of intangible assets	(16)	(6)	(4)
Operating expenses	(935)	(973)	(913)
Profit on disposal of associates and joint ventures	326	–	–
Profit before tax	671	307	245
<b>Balance sheet information</b>			
Loans and advances to customers	£11.4bn	£ 9.0bn	£ 6.2bn
Customer accounts	£42.4bn	£34.4bn	£28.3bn
Total assets	£13.3bn	£18.2bn	£15.0bn
<b>Performance ratios</b>			
Cost:income ratio	71%	76%	79%
<b>Other financial measures</b>			
Risk Tendency	£ 20m	£ 10m	£ 10m
Risk weighted assets <sup>a</sup>	£10.3bn	£ 8.2bn	£ 6.1bn

#### Note

a Risk weighted assets for 2008 and 2007 are calculated under Basel II. 2006 is calculated under Basel I.



## Analysis of results by business

### Head office functions and other operations

Head office functions and other operations comprises:

- Head office and central support functions
- Businesses in transition
- Inter-segment adjustments

#### What we do

Head office and central support functions comprises the following areas: Executive Management, Finance, Treasury, Corporate Affairs, Human Resources, Strategy and Planning, Internal Audit, Legal, Corporate Secretariat, Property, Tax, Compliance and Risk. Costs incurred wholly on behalf of the businesses are recharged to them.

Businesses in transition principally relate to certain lending portfolios that are centrally managed with the objective of maximising recovery from the assets.

#### Performance

##### 2008/07

Head office functions and other operations loss before tax increased £430m to £858m (2007: £428m).

Total income decreased £185m to a loss of £377m (2007: loss of £192m).

Group segmental reporting is performed in accordance with Group accounting policies. This means that inter-segment transactions are recorded in each segment as if undertaken on an arm's length basis. Adjustments necessary to eliminate inter-segment transactions are included in Head office functions and other operations. The impact of such inter-segment adjustments increased £32m to £265m (2007: £233m). These adjustments included internal fees for structured capital market activities of £141m (2007: £169m) and fees paid to Barclays Capital for debt and equity raising and risk management advice of £151m (2007: £65m), both of which reduce net fees and commission income.

Net interest income increased £54m to £182m (2007: £128m) primarily due to a consolidation adjustment between net interest income and trading income required to match the booking of certain derivative hedging transactions between different segments in the Group. This resulted in a £111m increase in net interest income to £143m (2007: £32m) with an equal and opposite decrease in principal transactions.

This was partially offset by an increase in costs in central funding activity due to the money market dislocation, in particular LIBOR resets.

Principal transactions loss increased £135m to £218m (2007: £83m) reflecting the £111m increase in consolidation reclassification adjustment on derivative hedging transactions.

Impairment charges increased £27m to £30m (2007: £3m) mainly reflecting losses on Floating Rate Notes held for hedging purposes.

Operating expenses increased £217m to £451m (2007: £234m). The main drivers of this increase were: a £101m charge for the Group's share of levies that will be raised by the UK Financial Services Compensation Scheme; £64m costs relating to an internal review of Barclays compliance with US economic sanctions; the non-recurrence of a £58m break fee relating to the ABN Amro transaction; lower rental income and lower proceeds on property sales.

##### 2007/06

Head office functions and other operations loss before tax increased £169m to £428m (2006: £259m).

Group segmental reporting is performed in accordance with Group accounting policies. This means that inter-segment transactions are recorded in each segment as if undertaken on an arm's length basis. Adjustments necessary to eliminate inter-segment transactions are included in Head office functions and other operations.

The impact of such inter-segment adjustments increased £86m to £233m (2006: £147m). These adjustments included internal fees for structured capital market activities of £169m (2006: £87m) and fees paid to Barclays Capital for debt and equity raising and risk management advice of £65m (2006: £23m), both of which increased net fee and commission expense in Head office. The impact on the inter-segment adjustments of the timing of the recognition of insurance commissions included in Barclaycard was a reduction in Head office income of £9m (2006: £44m). This net reduction was reflected in a decrease in net fee and commission income of £162m (2006: £184m) and an increase in net premium income of £153m (2006: £140m).

Principal transactions decreased to a loss of £83m (2006: £42m profit). 2006 included a £55m profit from a hedge of the expected Absa foreign currency earnings.

Operating expenses decreased £35m to £234m (2006: £269m). The primary driver of this decrease was the receipt of a break fee relating to the ABN AMRO transaction which, net of transaction costs, reduced expenses by £58m. This was partially offset by lower rental income and lower proceeds on property sales.

## Head office functions and other operations

	2008 £m	2007 £m	2006 £m
<b>Income statement information</b>			
Net interest income	182	128	80
Net fee and commission income	(486)	(424)	(301)
Net trading (loss)/income	(245)	(66)	40
Net investment income/(expense)	27	(17)	2
Principal transactions	(218)	(83)	42
Net premiums from insurance contracts	119	152	139
Other income	26	35	39
Total income	(377)	(192)	(1)
Impairment (charges)/releases	(30)	(3)	11
Net income	(407)	(195)	10
Operating expenses excluding amortisation of intangible assets	(451)	(233)	(259)
Amortisation of intangible assets	-	(1)	(10)
Operating expenses	(451)	(234)	(269)
Profit on disposal of associates and joint ventures	-	1	-
Loss before tax	(858)	(428)	(259)
<b>Balance sheet information</b>			
Total assets	£3.1bn	£5.7bn	£7.1bn
<b>Other financial measures</b>			
Risk Tendency	£ 5m	£ 10m	£ 10m
Risk weighted assets <sup>a</sup>	£0.4bn	£1.1bn	£1.9bn

## Note

a Risk weighted assets for 2008 and 2007 are calculated under Basel II. 2006 is calculated under Basel I.



# Corporate sustainability

## Sustainability and Barclays

At Barclays, we recognise that our sustainability values have an increased importance in the current financial climate. We are focused on: supporting our existing customers; being a bank that welcomes all potential customers; being an equal opportunity employer; our commitment to climate change; and ensuring we behave at all times as a responsible global citizen.

Doing this effectively helps us to reduce our risk and positions us well to capture commercial opportunities arising from the global transition towards a more sustainable future.

### Developing our strategic framework

To measure our success in integrating sustainability into our business we have addressed the broad sustainability agenda through five key themes:

- Customers and Clients
- Inclusive Banking
- Diversity and Our People
- Environment
- Responsible Global Citizenship

These themes resonate in our businesses, provide a platform for action, and give us a clear purpose and direction. Implementation is driven by actionable goals and robust performance measurement.

We manage and report our progress on the sustainability topics of most significance to our business and our stakeholders. We have determined this in part through:

- our research initiatives and partnerships
- dialogue with our stakeholders including customers, investors governments, non-governmental organisations, consumer groups, and journalists across our markets globally
- internal and external focus groups including hosting consumer roundtables in the UK.

Stakeholder insight and feedback on our sustainability agenda is vital, and encourages us to be open and transparent about the issues our stakeholders are concerned about.

### Measuring progress

We aim to measure and monitor our sustainability progress both internally and externally. In 2008, we developed a framework for regular progress reports to the Group Executive Committee and the Board. It provides consistent tracking of our progress by sustainability theme and Business Unit.

Barclays participates in a number of external indices, forums and initiatives which help to measure our progress including the Dow Jones Sustainability Index and FTSE4Good. In 2008, Barclays ranked joint first in the Carbon Disclosure Project's Leadership Index.

### Customers and clients

In 2008, amid widespread uncertainty in financial markets and the wider global economy, it was vital to stay close to our clients and customers, who we recognise have a choice where they bank.

During the year, we worked to help our customers and clients cope with the challenging economic circumstances. Our record of lending responsibly has allowed us to continue mortgage lending in the UK, increasing our share of net new lending from 8% in 2007 to 36% in 2008.

We increased lending to UK SMEs by 6% to a total of £15bn. We also provided support to small businesses in the UK and South Africa and also made significant investment in the Barclays Business Support team which is dedicated to helping business customers in financial difficulty in the UK.

In addition, we have committed to lend an additional 10% (£1.5bn) to SMEs in the UK by the end of 2009. We continue to act on customer and client feedback to develop appropriate products and services to meet different needs.

### Inclusive banking

For Barclays, inclusive banking means helping those who are excluded from the financial system to join and benefit from it.

We have dedicated accounts for people on low incomes across several countries in Africa. In 2008, these basic accounts made up 27% of our total current and savings accounts in Africa.

Absa, which has 10 million customers, is now the market leader for low income customers in South Africa – those earning less than R3,000 (£200) a month – with a market share of 33%.

We continued to support better access to financial products and services in the UK through our basic-level Cash Card Account, which is now held by more than 730,000 customers, and through partnerships with community finance organisations and charities which help excluded and vulnerable people in society.

In March 2008, Barclays launched the 'Hello Money' service in India which allows customers to carry out banking transactions easily and securely over their mobile phones. Hello Money is already making a significant impact in giving access to financial services for people in India's rural areas.

### Diversity and Our People

Barclays aims to provide a safe working environment in which employees are treated fairly and with respect, encouraged to develop, and rewarded on the basis of individual performance.

Barclays Capital has traded more than 1 billion tonnes of carbon credits with a notional value of over £20bn

1bn

51° 30' 21" N

London, UK 12pm GMT

£52.2m invested in our communities globally

£52.2m

19° 01' 04" N

Mumbai 5.30pm IST

Over 57,000 employees received direct support for fundraising, volunteering and giving in 31 countries

57,000

1° 16' 28" S

Nairobi 3pm EAT

In 2008, Antony Jenkins, CEO Barclaycard was appointed Diversity and Inclusion Executive Champion to drive our diversity agenda across Global Retail and Commercial Banking. Initiatives in 2008 included establishing the requirement that every senior executive has a diversity objective linked to their performance goals.

In 2009, we intend to extend our Women's Leadership Programme, aimed at developing talented women employees, across all 15 countries in our GRCB – Emerging Markets business with secondments of between 3 and 12 months.

#### Environment

We seek to minimise our environmental impact through reducing Barclays energy, water and waste footprints and managing the risks and opportunities associated with climate change.

Businesses have a vital role to play in managing and mitigating climate change. At Barclays, we recognise that we have an impact on the environment both directly through our own operations, and indirectly through our supply chain and corporate lending. We monitor and manage both sets of impacts.

In 2008, Barclays set environmental targets that apply to global operations. We will measure our performance over three years from 2009 to 2011 against a 2008 baseline.

The targets are to reduce:

- CO<sub>2</sub> emissions by 6% per employee, achieving an average 2% reduction per year
- energy use from buildings (excluding data centres) by 6% per employee, achieving an average 2% reduction per year
- water use by 6% per employee, achieving an average 2% reduction per year.

We made our UK and European operations carbon neutral by offsetting emissions from energy use and travel. We are on track to make our global banking operations carbon neutral by the end of 2009.

#### Environmental and social risk

The majority of the environmental and social risks associated with our business are indirect. These impacts arise through business relationships, including those with our supply chain and those with our clients through financing activities.

We apply our Environmental and Social Impact Assessment policy (ESIA) to projects that we are considering financing. In 2008, a total of 31 project finance deals were assessed against the Equator Principles, a set of social and environmental criteria adopted by many banks. In addition, the Environmental Risk Management team assessed 229 non-project finance transactions.

We continue to assess our environmental and social impact beyond the project finance remit of the Equator Principles and are working to include climate change and human rights considerations in these assessments.

31 project finance deals were assessed against the Equator Principles

**31**

40° 25' 00" N  
Madrid 1pm CET

More than 730,000 basic Cash Card Accounts held in the UK

**730,000+**

53° 47' 59" N  
Leeds, UK 12pm GMT

#### Responsible global citizenship

We acknowledge and accept that we have an obligation to be a responsible global citizen, and our sustainability efforts help us to achieve this. This means managing our business and supply chain to improve our social, economic and environmental impact, and doing business ethically.

#### Community Investment

Investing in the communities in which we operate is an integral part of Barclays sustainability strategy. During 2008, we maintained our levels of investment in communities despite the challenging conditions. We invested £52.2m and more than 57,000 colleagues in 31 countries were involved in volunteering, fundraising and regular giving. In addition, Barclays launched a three-year global community investment partnership with UNICEF, the leading children's organisation, in which we committed to invest £5m.

#### Human Rights and Barclays

In June 2008, we refined our statement on human rights (first introduced in 2004) which outlines the approach we take to human rights through our three main areas of impact – as an employer, as a provider of financial services to customers and clients, and as a purchaser of goods and services from suppliers. We aim to operate in accordance with the:

- Universal Declaration of Human Rights
- OECD Guidelines for Multinational Enterprises
- International Labour Organisation's Core Conventions.

Barclays is active in developing the global business and human rights agenda through our membership of two organisations – the Business Leaders' Initiative on Human Rights, launched in 2003 of which we are a founder member, and United Nations Environment Programme Finance Initiative (UNEP FI), for which we co-chair the Human Rights Workstream.

We extended the guidance provided to our employees on human rights in 2008 to include access to an online tool for front-line lending managers, which assists in identifying and mitigating human rights risks.

#### Supply chain

We work closely with our suppliers to help them manage their own impacts and ensure they share our commitment to sustainability. Our Group-wide sourcing process includes criteria for measuring and assessing our suppliers' sustainability. Tenders for supplies deemed to have a potentially high sustainability impact or risk, such as print or corporate wear, require suppliers to complete our sustainable supply chain questionnaire on their sustainability impact, policies and management processes.

During 2008, we continued to engage directly with our suppliers on sustainability, both as part of our ongoing supplier relationships and to address specific issues such as reducing their carbon emissions.

## Our people

Barclays aims to provide a safe working environment in which employees are treated fairly and with respect, encouraged to develop, and rewarded on the basis of individual performance. We are committed to ensuring equality to all employees on the basis of merit. Discrimination, bullying or harassment of any kind is not tolerated.

Our Guiding Principles set out the values that govern how we act. They are:

- i) **Winning together** – Doing what's right for Barclays, our teams and our colleagues, to achieve collective and individual success.
- ii) **Best people** – Developing and upgrading talented colleagues and differentiating rewards  
– Doing what's needed to ensure a leading position in the global financial services industry.
- iii) **Customer and client focus** – Understanding what our customers and client focus clients want and need  
– And then serving them brilliantly.
- iv) **Pioneering** – Driving new ideas, especially those that make us profitable and improve control  
– Improving operational excellence  
– Adding diverse skills to stimulate new perspectives and bold steps
- v) **Trusted** – Being trusted is the bedrock of a successful bank  
– Acting with the highest levels of integrity to retain the trust of our customers, external stakeholders and our colleagues  
– Taking full responsibility for our decisions and actions.

### An international picture

	2008	2007 <sup>a</sup>
<b>FTE by world region</b>		
UK	60,700	61,900
Africa and Middle East	55,700	51,748
Continental Europe	13,400	9,750
Americas	15,700	6,413
Asia Pacific	10,800	5,089
<b>Total</b>	<b>156,300</b>	<b>134,900</b>
<b>FTE by business unit</b>		
UK Retail Banking	30,400	30,700
Barclays Commercial Bank	9,800	9,200
Barclaycard	9,600	8,900
GRCB – Western Europe	10,900	8,800
GRCB – Emerging Markets	22,700	13,900
GRCB – Absa	36,800	35,800
Barclays Capital	23,100	16,200
Barclays Global Investors	3,700	3,400
Barclays Wealth	7,900	6,900
Head office and other operations	1,400	1,100
<b>Total</b>	<b>156,300</b>	<b>134,900</b>
<b>Global employment statistics</b>		
FTE	156,300	134,900
Total employee headcount	161,000	141,885
Percentage of female employees	53.1%	56.3%
Percentage of female senior executives	15.2%	13.7%
Percentage of female senior managers	24.6%	20.6%
Percentage working part time	8.5%	12.4%
Turnover rate	20.9%	18.3%
Resignation rate	12.1%	12.3%
Sickness absence rate <sup>b</sup>	2.3%	3.0%

#### Note

**a** 2007 UK data – includes 1,000 BGI employees.

**b** Excludes Group Centre, BGI and Barclays Capital.

### Global governance

Barclays manages its people through these Guiding Principles in a devolved manner. To maintain the right balance between overall control and effective local decision making we have established governance frameworks which are overseen by the Group Operational Committee, and compliance with them is monitored by the Group Human Resources Risk Committee.

### Employee relations

Barclays recognises and works constructively with 30 employee representative organisations throughout the world. Employee consultations on significant operational changes are carried out in accordance with local legislation.

### Our employee opinion surveys

Barclays businesses conduct employee opinion surveys, to suit the needs of each business. We benchmark the findings against other global financial services organisations and high-performing organisations, and create action plans to address any areas of concern.

### Occupational health and safety

Barclays manages health and safety at a local level under the requirements of the health and safety governance framework. Key data on health and safety is reported regularly to the Board HR and Remuneration Committee.

### Training and educating our people

Developing both existing and new employees is key to our future prosperity. We undertake this through formal and informal training and education, including mandatory training required by regulatory bodies and detailed on-the-job training and development.

### UK employees

	2008	2007 <sup>a</sup>
<b>UK employment statistics</b>		
FTE	60,700	61,900
Average length of service (years)	9.2	9.7
Percentage working part time	16.1%	16.8%
Sickness absence rate <sup>c</sup>	3.1%	3.0%
Turnover rate	19.3%	16.6%
Resignation rate	12.2%	11.1%
<b>Women in Barclays</b>		
Percentage of all employees	56.1%	58.0%
Percentage of management grades	28.0%	28.4%
Percentage of senior executives	14.6%	13.0%
<b>Ethnic minorities in Barclays</b>		
Percentage of all employees	12.3%	12.3%
Percentage of management grades	11.5%	10.0%
Percentage of senior executives	8.0%	6.6%
<b>Disabled employees in Barclays</b>		
Percentage of all employees <sup>d</sup>	2.0%	3.4%
<b>Age profile</b>		
Employees under 25	15.5%	16.5%
Employees aged 25-29	18.5%	17.0%
Employees aged 30-49	55.8%	54.2%
Employees aged 50+	10.2%	10.3%
<b>Pensions</b>		
Barclays UK Retirement Fund active members	58,316	53,473
Current pensioners	50,499	48,607

- c Excludes BGI and Barclays Capital.
- d Excludes BGI.

# Risk management

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## Risk factors

The following information sets forth certain risk factors that the Group believes could cause its actual future results to differ materially from expected results. However, other factors could also adversely affect the Group results and so the factors discussed in this report should not be considered to be a complete set of all potential risks and uncertainties.

### Business conditions and general economy

The profitability of Barclays businesses could be adversely affected by the worsening of general economic conditions in the United Kingdom, globally or in certain individual markets such as the United States, Spain or South Africa. Factors such as interest rates, inflation, investor sentiment, the availability and cost of credit, foreign exchange risk, creditworthiness of counterparties, the liquidity of the global financial markets and the level and volatility of equity prices could significantly affect the Group's customers' activity levels and financial position. For example:

- the current economic downturn or significantly higher interest rates or continued lack of credit availability to the Group's customers could adversely affect the credit quality of the Group's on-balance sheet and off-balance sheet assets by increasing the risk that a greater number of the Group's customers and counterparties would be unable to meet their obligations;
- a market downturn or further worsening of the economy could cause the Group to incur further mark to market losses in its trading portfolios;
- a further decline in the value of Sterling relative to other currencies could increase risk weighted assets and therefore the capital requirements of the Group;
- a further market downturn could reduce the fees the Group earns for managing assets. For example, a downturn in trading markets could affect the flows of assets under management; and
- a further market downturn would be likely to lead to a decline in the volume of transactions that the Group executes for its customers and, therefore, lead to a decline in the income it receives from fees and commissions and interest.

### Current market volatility and recent market developments

The global financial system has been experiencing difficulties since August 2007 and financial markets have deteriorated dramatically since the bankruptcy filing of Lehman Brothers in September 2008. Despite measures taken by the United Kingdom and United States governments and the European Central Bank and other central banks to stabilise the financial markets, the volatility and disruption of the capital and credit markets have continued. Together with the significant declines in the property markets in the United Kingdom, the United States, Spain and other countries, these events over the past two years have contributed to significant write-downs of asset values by financial institutions, including government-sponsored entities and major retail, commercial and investment banks. These write-downs have caused many financial institutions to seek additional capital, to merge with larger and stronger institutions, to be nationalised and, in some cases, to fail. Reflecting concern about the stability of the financial markets generally and the strength of counterparties, many lenders and institutional investors have substantially reduced and, in some cases, stopped their funding to borrowers, including other financial institutions.

While the capital and credit markets have been experiencing difficulties for some time, the volatility and disruption reached unprecedented levels in the final months of 2008 and economic activity started to contract in many of the economies in which the Group operates. These conditions have produced downward pressure on stock prices and credit capacity for certain issuers. The resulting lack of credit, lack of confidence in the financial sector, increased volatility in the financial markets and reduced business activity could continue to materially and adversely affect the Group's business, financial condition and results of operations.

### Credit risk

Credit risk is the risk of suffering financial loss, should any of the Group's customers, clients or market counterparties fail to fulfil their contractual obligations to the Group. The credit risk that the Group faces arises mainly from wholesale and retail loans and advances. However, credit risk may also arise where the downgrading of an entity's credit rating causes the fair value of the Group's investment in that entity's financial instruments to fall.

In a recessionary environment, such as that ongoing in the United Kingdom, the United States and other economies, credit risk increases. Credit risk may also be manifested as country risk where difficulties may arise in the country in which the exposure is domiciled, thus impeding or reducing the value of the assets, or where the counterparty may be the country itself.

Another form of credit risk is settlement risk, which is the possibility that the Group may pay a counterparty but fail to receive the corresponding settlement in return. The Group is exposed to many different industries and counterparties in the normal course of its business, but its exposure to counterparties in the financial services industry is particularly significant. This exposure can arise through trading, lending, deposit-taking, clearance and settlement and many other activities and relationships. These counterparties include brokers and dealers, commercial banks, investment banks, mutual and hedge funds and other institutional clients. Many of these relationships expose the Group to credit risk in the event of default of a counterparty and to systemic risk affecting its counterparties. Where the Group holds collateral against counterparty exposures, it may not be able to realise it or liquidate it at prices sufficient to cover the full exposures. Many of the hedging and other risk management strategies utilised by the Group also involve transactions with financial services counterparties. The failure of these counterparties to settle or the perceived weakness of these counterparties may impair the effectiveness of the Group's hedging and other risk management strategies.

The Group's credit risk governance structure, management and measurement methodologies, together with an analysis of exposures to credit risk is detailed in the 'Credit risk management' section on page 67 and the 'Credit Risk' note to the financial statements on page 250.

#### Barclays Capital credit market exposures

An analysis of Barclays Capital's credit market exposures is detailed on pages 93 to 105.

### Market risk

Market risk is the risk that the Group's earnings or capital, or its ability to meet business objectives, will be adversely affected by changes in the level or volatility of market rates or prices such as interest rates, credit spreads, commodity prices, equity prices and foreign exchange rates. Market risk has increased due to the volatility of the current financial markets.

The main market risk arises from trading activities. Barclays is also exposed to market risk through non-traded interest rate risk and the pension fund.

The Group's market risk governance structure, management and measurement methodologies, together with an analysis of exposures to both traded and non-traded market risk is detailed in the 'Market risk management' section on page 119 and the 'Market Risk' note to the financial statements on page 264. Pension risk is analysed in note 30 on page 220.

The Group's future earnings could be affected by depressed asset valuations resulting from a deterioration in market conditions. Financial markets are sometimes subject to stress conditions where steep falls in asset values can occur, as demonstrated by recent events affecting asset backed CDOs and the US sub-prime residential mortgage market and which may occur in other asset classes during an economic downturn. Severe market events are difficult to predict and, if they continue to occur, could result in the Group incurring additional losses.

In 2007 and in 2008, the Group recorded material net losses on certain credit market exposures, including ABS CDO Super Senior exposures. As market conditions change, the fair value of these exposures could fall further and result in additional losses or impairment charges, which could have a material adverse effect on the Group's earnings. Such losses or impairment charges could derive from: a decline in the value of exposures; a decline in the ability of counterparties, including monoline insurers, to meet their obligations as they fall due; or the ineffectiveness of hedging and other risk management strategies in circumstances of severe stress.

### Liquidity risk

This is the risk that the Group is unable to meet its obligations when they fall due as a result of customer deposits being withdrawn, cash requirements from contractual commitments, or other cash outflows, such as debt maturities. Such outflows would deplete available cash resources for client lending, trading activities and investments. In extreme circumstances, lack of liquidity could result in reductions in balance sheet and sales of assets, or potentially an inability to fulfil lending commitments. This risk is inherent in all banking operations and can be affected by a range of institution-specific and market-wide events including, but not limited to, credit events, merger and acquisition activity, systemic shocks and natural disasters. The Group's liquidity risk management has several components:

- intra-day monitoring to maintain sufficient liquidity to meet all settlement obligations;
- mismatch limits to control expected cash flows from maturing assets and liabilities;



## Risk factors

- monitoring of undrawn lending commitments, overdrafts and contingent liabilities; and
- diversification of liquidity sources by geography and provider.

During periods of market dislocation, such as those currently ongoing, the Group's ability to manage liquidity requirements may be impacted by a reduction in the availability of wholesale term funding as well as an increase in the cost of raising wholesale funds. Asset sales, balance sheet reductions and the increasing costs of raising funding will affect the earnings of the Group.

In illiquid markets, the Group may decide to hold assets rather than securitising, syndicating or disposing of them. This could affect the Group's ability to originate new loans or support other customer transactions as both capital and liquidity are consumed by existing or legacy assets.

The Group's liquidity risk management and measurement methodologies are detailed in the 'Liquidity Risk Management' section on page 111 and the 'Liquidity Risk' note to the financial statements on page 268.

### Capital risk

Capital risk is the risk that the Group has insufficient capital resources to:

- meet minimum regulatory capital requirements in the UK and in other jurisdictions such as the United States and South Africa where regulated activities are undertaken. The Group's authority to operate as a bank is dependent upon the maintenance of adequate capital resources;
- support its credit rating. A weaker credit rating would increase the Group's cost of funds;
- support its growth and strategic options.

During periods of market dislocation, increasing the Group's capital resources may prove more difficult or costly. Regulators have also recently increased the Group's capital targets and amended the way in which capital targets are calculated and may further do so in future. This would constrain the Group's planned activities and contribute to adverse impacts on the Group's earnings.

The Group's capital management objectives and processes are detailed in the 'Capital risk management' section on page 114.

### Operational risk

Operational risk is the risk of direct or indirect losses resulting from human factors, external events, and inadequate or failed internal processes and

systems. Operational risks are inherent in the Group's operations and are typical of any large enterprise. Major sources of operational risk include operational process reliability, IT security, outsourcing of operations, dependence on key suppliers, implementation of strategic change, integration of acquisitions, fraud, human error, customer service quality, regulatory compliance, recruitment, training and retention of staff, and social and environmental impacts.

The Group's operational risk management and measurement methodologies are detailed in the 'Operational risk management' section on page 117.

### Financial crime risk

Financial crime risk is a category of operational risk. It arises from the risk that the Group might fail to comply with financial crime legislation and industry laws on anti-money laundering or might suffer losses as a result of internal or external fraud, or might fail to ensure the security of personnel, physical premises and the Group's assets.

The Group's financial crime management and processes are detailed in the 'Financial crime risk management' section on page 120.

### Regulatory compliance risk

Regulatory compliance risk arises from a failure or inability to comply fully with the laws, regulations or codes applicable specifically to the financial service industry. Non-compliance could lead to fines, public reprimands, damage to reputation, enforced suspension of operations or, in extreme cases, withdrawal of authorisations to operate.

In addition, the Group's businesses and earnings can be affected by the fiscal or other policies and other actions of various governmental and regulatory authorities in the United Kingdom, the European Union ('EU'), the United States, South Africa and elsewhere. All these are subject to change, particularly in the current market environment where recent developments in the global markets have led to an increase in the involvement of various governmental and regulatory authorities in the financial sector and in the operations of financial institutions. In particular, governmental and regulatory authorities in the United Kingdom, the United States and elsewhere are implementing measures to increase regulatory control in their respective banking sectors, including by imposing enhanced capital requirements or by imposing conditions on direct capital injections and funding. Any future regulatory changes may potentially restrict the Group's operations, mandate certain lending activity and impose other compliance costs. It is uncertain how the more rigorous regulatory climate will impact financial institutions, including the Group.

Areas where changes could have an impact include:

- the monetary, interest rate and other policies of central banks and regulatory authorities;
- general changes in government or regulatory policy that may significantly influence investor decisions in particular markets in which the Group operates;
- general changes in the regulatory requirements, for example, prudential rules relating to the capital adequacy framework and rules designed to promote financial stability and increase depositor protection;
- changes in competition and pricing environments;
- further developments in the financial reporting environment;
- differentiation amongst financial institutions by governments with respect to the extension of guarantees to customer deposits and the terms attaching to those guarantees; and
- implementation of, or costs related to, local customer or depositor compensation or reimbursement schemes.

Two specific matters that directly impact the Group are the Banking Act 2009 and the Financial Services Compensation Scheme:

#### Banking Act 2009

On 21st February 2009, the Banking Act 2009 came into force which provides a permanent regime to allow the FSA, the UK Treasury and the Bank of England (the 'Tripartite Authorities') to resolve failing banks in the UK. The Banking Act aims to balance the need to protect depositors and prevent systemic failure with the potentially adverse consequences that using powers to deal with those events could have on private law rights, and, as a consequence, wider markets and investor confidence.

These powers, which apply regardless of any contractual restrictions, include: (a) power to issue share transfer orders pursuant to which there may be transferred to a commercial purchaser or Bank of England entity, all or some of the securities issued by a bank; the share transfer order can extend to a wide range of 'securities' including shares and bonds issued by a UK Bank (including Barclays Bank PLC) or its holding company (Barclays PLC) and warrants for such; and (b) the power to transfer all or some of the property, rights and liabilities of the UK bank to a purchaser or Bank of England entity. In certain circumstances encumbrances and trusts can be over-reached. Power also exists to over-ride any default provisions in transactions otherwise affected by these powers. Compensation may be payable in the context of both share transfer orders and property appropriation. In the case of share transfer orders any compensation

will be paid to the person who held the security immediately before the transfer, who may not be the encumbrancer.

The Banking Act also vests power in the Bank of England to over-ride, vary or impose contractual obligations between a UK bank or its holding company and its former group undertakings (as defined in the Banking Act), for reasonable consideration, in order to enable any transferee or successor bank of the UK bank to operate effectively. There is also power for the Treasury to amend the law (save for a provision made by or under the Banking Act) by order for the purpose of enabling it to use the special resolution regime powers effectively, potentially with retrospective effect.

#### Financial Services Compensation Scheme

The Financial Services Compensation Scheme (the 'FSCS') was created under the Financial Services and Markets Act 2000 and is the UK's statutory fund of last resort for customers of authorised financial services firms. The FSCS can pay compensation to customers if a firm is unable, or likely to be unable, to pay claims against it. The FSCS is funded by levies on authorised UK firms such as Barclays Bank PLC. In the event that the FSCS raises funds from the authorised firms, raises those funds more frequently or significantly increases the levies to be paid by such firms, the associated costs to the Group may have a material impact on the Group's results of operations and financial condition.

Further details of specific matters that impact the Group are included in the 'Competition and regulatory matters' note to the financial statements on page 232.

#### Legal risk

The Group is subject to a comprehensive range of legal obligations in all countries in which it operates. As a result, the Group is exposed to many forms of legal risk, which may arise in a number of ways. Primarily:

- the Group's business may not be conducted in accordance with applicable laws around the world;
- contractual obligations may either not be enforceable as intended or may be enforced against the Group in an adverse way;
- the intellectual property of the Group (such as its trade names) may not be adequately protected; and
- the Group may be liable for damages to third parties harmed by the conduct of its business.

The Group faces risk where legal proceedings are brought against it. Regardless of whether such claims have merit, the outcome of legal proceedings is inherently uncertain and could result in financial loss.

## Risk factors

Defending legal proceedings can be expensive and time-consuming and there is no guarantee that all costs incurred will be recovered even if the Group is successful. Although the Group has processes and controls to manage legal risks, failure to manage these risks could impact the Group adversely, both financially and by reputation.

Further details of the Group's legal proceedings are included in the 'Legal proceedings' note to the financial statements on page 231.

### Insurance risk

Insurance risk is the risk that the Group will have to make higher than anticipated payments to settle claims arising from its long-term and short-term insurance businesses.

Further details of the Group's insurance assets and liabilities, including a sensitivity analysis of insurance contract liabilities, are included in the 'Insurance assets and liabilities' note to the financial statements on page 213.

### Business risk

The Group devotes substantial management and planning resources to the development of strategic plans for organic growth and identification of possible acquisitions, supported by substantial expenditure to generate growth in customer business. If these strategic plans are not delivered as anticipated, the Group's earnings could grow more slowly or decline. In addition, potential sources of business risk include revenue volatility due to factors such as macroeconomic conditions, inflexible cost structures, uncompetitive products or pricing and structural inefficiencies.

### Competition

The global financial services markets in which the Group operates are highly competitive. Innovative competition for corporate, institutional and retail clients and customers comes both from incumbent players and a steady stream of new market entrants, as well as recent consolidation among banking institutions in the United Kingdom, the United States and throughout Europe. The landscape is expected to remain highly competitive in all areas, which could adversely affect the Group's profitability if the Group fails to retain and attract clients and customers.

### Tax risk

The Group is subject to the tax laws in all countries in which it operates, including tax laws adopted at an EU level. A number of double taxation agreements entered between two countries also impact on the taxation of the Group. Tax risk is the risk associated with changes in tax law or in the interpretation of tax law. It also includes the risk of changes in tax rates and the risk of failure to comply with procedures required by tax authorities. Failure to manage tax risks could lead to an additional tax charge. It could also lead to a financial penalty for failure to comply with required tax procedures or other aspects of tax law. If, as a result of a particular tax risk materialising, the tax costs associated with particular transactions are greater than anticipated, it could affect the profitability of those transactions.

The Group takes a responsible and transparent approach to the management and control of its tax affairs and related tax risk:

- tax risks are assessed as part of the Group's formal governance processes and are reviewed by the Executive Committee, Group Finance Director and the Board Risk Committee;
- the tax charge is also reviewed by the Board Audit Committee;
- the tax risks of proposed transactions or new areas of business are fully considered before proceeding;
- the Group takes appropriate advice from reputable professional firms;
- the Group employs high-quality tax professionals and provides ongoing technical training;
- the tax professionals understand and work closely with the different areas of the business;
- the Group uses effective, well-documented and controlled processes to ensure compliance with tax disclosure and filing obligations; and
- where disputes arise with tax authorities with regard to the interpretation and application of tax law, the Group is committed to addressing the matter promptly and resolving the matter with the tax authority in an open and constructive manner.

## Risk management

## Barclays approach to risk management

This risk section outlines Barclays approach to risk management, as exemplified by the application of the Group's Principal Risks Policy, determination of its Risk Appetite and governance around its Risk Methodologies, which cover its processes, measurement techniques and controls. In addition, we set out summary information and disclosure on our portfolios and positions.

Barclays approach to risk management involves a number of fundamental elements that drive our processes across the Group:

The **Principal Risks Policy** covers the Group's main risk types, assigning responsibility for the management of specific risks, and setting out the requirements for control frameworks for all of the risk types. The individual control frameworks are reinforced by a robust system of review and challenge, and a governance process of aggregation and broad review by businesses and risk across the Group (page 65).

The Group's **Risk Appetite** sets out the level of risk that the Board is willing to take in pursuit of its business objectives. This is expressed as the Group's appetite for earnings volatility across all businesses from credit, market, and operational risk. It is calibrated against our broad financial targets, including income and impairment targets, dividend coverage and capital levels. It is prepared each year as part of the Group's Medium-Term Planning process, and combines a top-down view of the Group's risk capacity with a bottom-up view of the risk profile requested and recommended by each business. This entails making business plan adjustments as necessary to ensure that our Medium-Term Plan creates a risk profile that meets our Risk Appetite (page 65).

Barclays **Risk Methodologies** include systems that enable the Group to measure, aggregate and report risk for internal and regulatory purposes. As an example, our credit grading models produce Internal Ratings through internally derived estimates of default probabilities. These measurements are used by management in an extensive range of decisions, from credit grading, pricing and approval to portfolio management, economic capital allocation and capital adequacy processes (page 66).

Risk management is a fundamental part of Barclays business activity and an essential component of its planning process. To keep risk management at the centre of the executive agenda, it is embedded in the everyday management of the business.

Barclays ensures that it has the functional capacity to manage the risk in new and existing businesses. At a strategic level, our risk management objectives are:

- To identify the Group's material risks and ensure that business profile and plans are consistent with risk appetite.
- To optimise risk/return decisions by taking them as closely as possible to the business, while establishing strong and independent review and challenge structures.
- To ensure that business growth plans are properly supported by effective risk infrastructure.
- To manage risk profile to ensure that specific financial deliverables remain possible under a range of adverse business conditions.
- To help executives improve the control and co-ordination of risk taking across the business.

In pursuit of these objectives, Group Risk breaks down risk management into five discrete processes: direct, assess, control, report, and manage/challenge (see panel below).

Process	Activity
<b>Direct</b>	<ul style="list-style-type: none"> <li>– Understand the principal risks to achieving Group strategy.</li> <li>– Establish Risk Appetite.</li> <li>– Establish and communicate the risk management framework including responsibilities, authorities and key controls.</li> </ul>
<b>Assess</b>	<ul style="list-style-type: none"> <li>– Establish the process for identifying and analysing business-level risks.</li> <li>– Agree and implement measurement and reporting standards and methodologies.</li> </ul>
<b>Control</b>	<ul style="list-style-type: none"> <li>– Establish key control processes and practices, including limit structures, impairment allowance criteria and reporting requirements.</li> <li>– Monitor the operation of the controls and adherence to risk direction and limits.</li> <li>– Provide early warning of control or appetite breaches.</li> <li>– Ensure that risk management practices and conditions are appropriate for the business environment.</li> </ul>
<b>Report</b>	<ul style="list-style-type: none"> <li>– Interpret and report on risk exposures, concentrations and risk-taking outcomes.</li> <li>– Interpret and report on sensitivities and Key Risk Indicators.</li> <li>– Communicate with external parties.</li> </ul>
<b>Manage and Challenge</b>	<ul style="list-style-type: none"> <li>– Review and challenge all aspects of the Group's risk profile.</li> <li>– Assess new risk-return opportunities.</li> <li>– Advise on optimising the Group's risk profile.</li> <li>– Review and challenge risk management practices.</li> </ul>

Risk management

## Barclays approach to risk management

Organisation and structure

Responsibility for risk management resides at all levels within the Group, from the Executive down through the organisation to each business manager and risk specialist. Barclays distributes these responsibilities so that risk/return decisions are taken at the most appropriate level; as close as possible to the business, and subject to robust and effective review and challenge.

Every business manager is accountable for managing risk in his or her business area; they must understand and control the key risks inherent in the business undertaken. Each business area also employs risk specialists to provide an independent control function and to support the development of a strong risk management environment. This functional approach to risk management is built on formal control processes that rely on individual responsibility and independent oversight, as well as challenge through peer reviews.

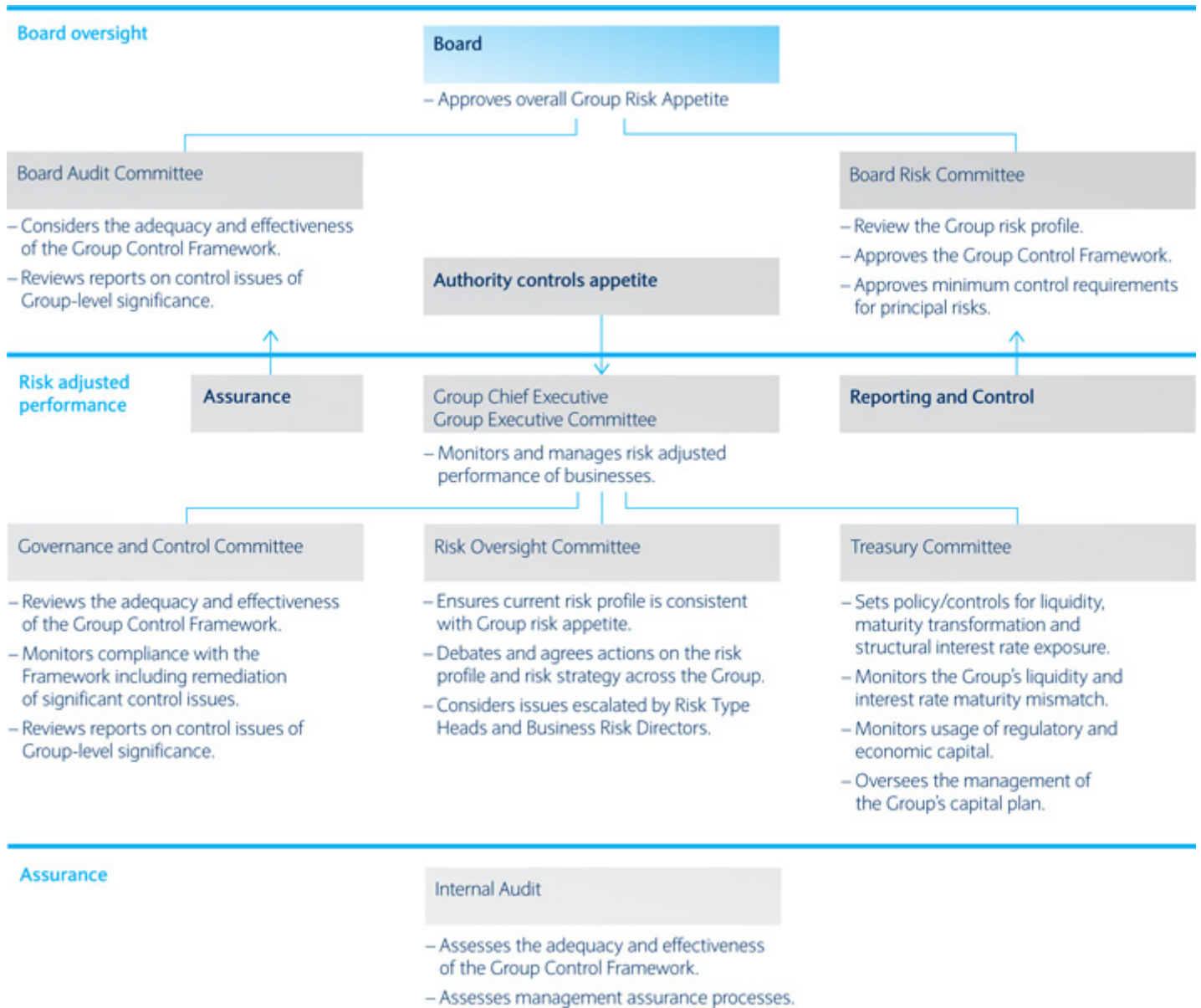
The Board approves Risk Appetite and the Board Risk Committee monitors the Group's risk profile against this agreed appetite. Business Heads are responsible for the identification and management of risk in their businesses. The Group Risk Director, under delegated authority from the Group Chief Executive and Group Finance Director, has responsibility for ensuring effective risk management and control.

The Committees shown below receive regular and comprehensive reports. The Board Risk Committee receives quarterly reports on the Group's risk profile and forward risk trends (for further information on the membership and activities of the Board Risk Committee, see page 152). The Board Audit Committee receives quarterly reports on control issues of significance and half-yearly impairment allowances and regulatory reports. See page 163 for additional details on the membership and activities of the Board Audit Committee. Both Board and Audit Committees also receive reports dealing in more depth with specific issues relevant at the time. The proceedings of both Committees are reported to the full Board, which also receives a concise quarterly risk report. Internal Audit supports both Committees by attendance and/or the provision of quarterly reports resulting from its work on governance, risk and control issues of significance. The Board Audit Committee reviews and approves Internal Audit's plans and resources, and evaluates the effectiveness of Internal Audit.

An assessment by external advisers is also carried out periodically.

In addition to the Committees shown in the chart, there is a Brand and Reputation Committee reviewing emerging issues with potentially significant reputational impact.

Governance structure at Group level





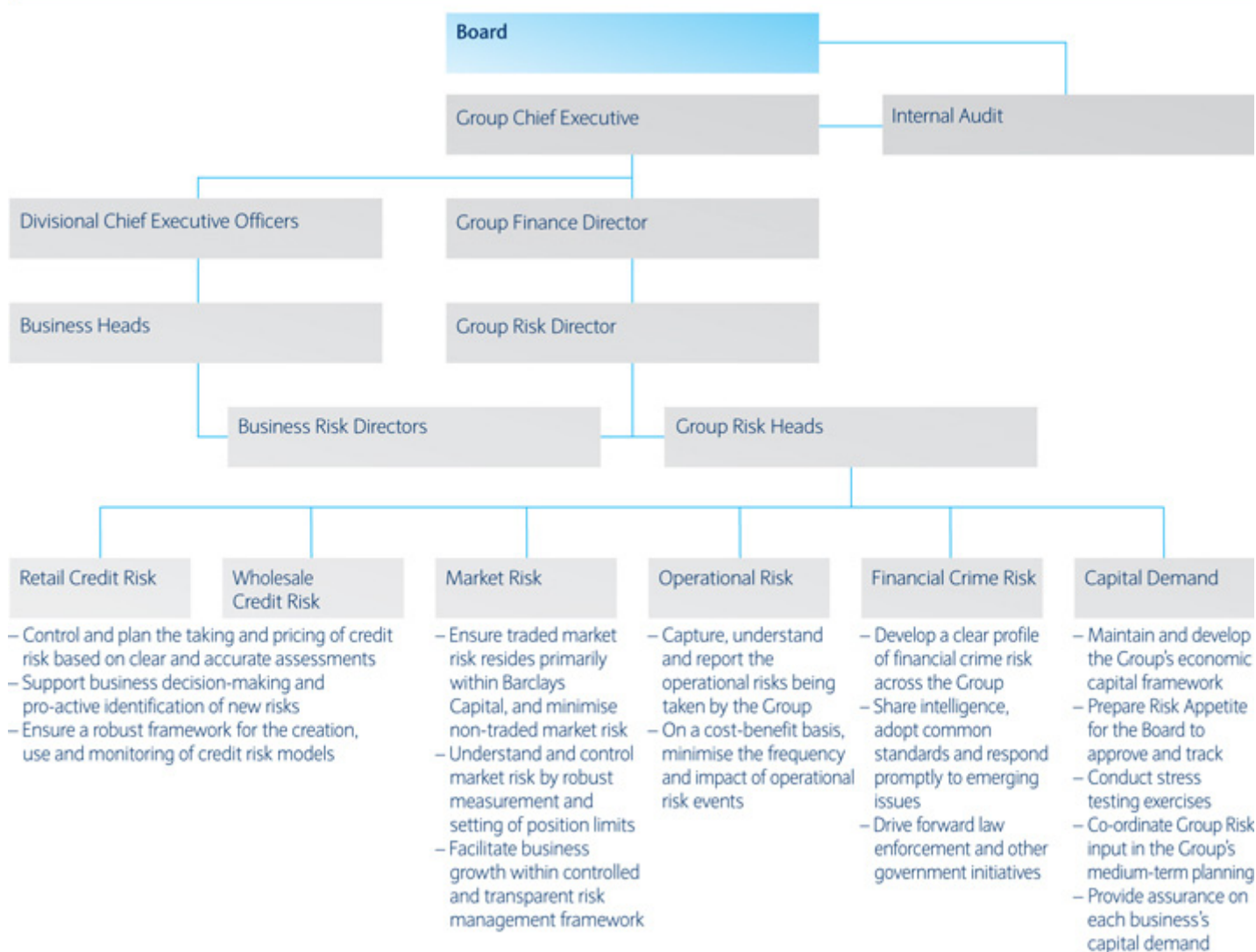
The Group Risk Director has overall day to day accountability for risk management. Reporting to the Group Risk Director are Group Risk Heads for Retail Credit Risk, Wholesale Credit Risk, Market Risk, Operational Risk, Financial Crime Risk and Capital Demand. Along with their teams, they are responsible for establishing a risk control framework and risk oversight at Group level. This core team liaises with each business as part of the monitoring and management processes.

Each business has an embedded risk management team reporting to a Business Risk Director who reports to the Group Risk Director. The risk management teams assist Group Risk in the formulation of Group Risk policy and its implementation across the businesses.

Business risk teams are responsible for assisting Business Heads in the identification and management of their business risk profiles and for implementing appropriate controls. The functional coverage of risk responsibilities is illustrated in the diagram below.

Internal Audit is responsible for the independent review of risk management and the control environment.

To support risk taking, Barclays has continued to strengthen the independent and specialised risk teams in each of its businesses, supported by matching teams at Group level, acting in both a consultancy and oversight capacity. As a prerequisite to business growth plans, it has made the recruitment, development and retention of risk professionals a priority.







# Barclays approach to risk management

## Key elements

### Principal Risks

The Board is responsible for the Group Internal Control and Assurance Framework ('GICAF'). As part of the GICAF, it approves the Principal Risks Policy, which sets out responsibilities for the management of the Group's most significant risk exposures. The Board oversees the operating effectiveness of the Principal Risks Policy through the regular review of reports on the Group's material risk exposures and controls.

The Group's risk categorisation comprises 17 risk categories ('Level 1'), 13 of which are known as Principal Risks. Each Principal Risk is owned by a senior individual at the Group level, who liaises with Principal Risk owners within Business Units and Group Centre Functions. The 17 risk categories are shown in the panel below.

Each Group Principal Risk Owner ('GPRO') is responsible for setting minimum control requirements for their risk and for overseeing the risk and control performance across the Group. Group control requirements (e.g. Group Policies/Processes/Committee oversight) for each of these risks are defined, in consultation with Business Units, and communicated and maintained by the GPRO.

Implementation of the control requirements for each Principal Risk provides each Business Unit or Group Centre Function with the foundation of its system of internal control for that particular risk. This will usually be built upon in more detail, according to the circumstances of each Business Unit, to provide a complete and appropriate system of internal control.

The specific controls for individual Principal Risks are supplemented by generic risk management requirements. These requirements are articulated as the Group's Operational Risk Management Framework (see page 117) and include policies on:

- Internal Risk Event Identification and Reporting
- Risk and Control Assessment
- Key Indicators
- Key Risk Scenarios

Business Unit and Group Centre Function Heads are responsible for maintaining ongoing assurance that the controls they have put in place to manage the risks to their business objectives are operating effectively. They are required to undertake a formal six-monthly review of assurance information. These reviews support the regulatory requirement for the Group to make a statement about its system of internal control (the 'Turnbull' statement), in the Annual Report and Accounts.

### Risk Appetite

Risk Appetite is the level of risk the Board of Barclays chooses to take in pursuit of its strategic objectives, recognising a range of possible outcomes as business plans are implemented. Barclays framework, approved by the Board Risk Committee, combines a top-down view of its capacity to take risk with a bottom-up view of the business risk profile requested and recommended by each business area.

To determine this acceptable level of risk, management estimates the potential earnings volatility from different businesses under various scenarios.

This annual setting of Risk Appetite considers the Bank's ability to support business growth, desired dividend payout levels and capital ratio targets. If the projections entail too high a level of risk, management will challenge each area to find new ways to rebalance the business mix to incur less risk on a diversified basis. Performance against Risk Appetite is measured and reported to the Executive and Board regularly throughout the year. Barclays believes that this framework enables it to:

- Improve risk and return characteristics across the business
- Meet growth targets within an overall risk appetite and protect the Group's performance
- Improve management confidence and debate regarding our risk profile
- Improve executive management control and co-ordination of risk-taking across businesses
- Identify unused risk capacity, and thus highlight profitable opportunities.

The Risk Appetite framework considers credit, market and operational risk and is applied using two perspectives: 'financial volatility' and 'mandate and scale'.

Financial Volatility is the level of potential deviation from expected financial performance that Barclays is prepared to sustain at relevant points on the risk profile. It is established with reference to the strategic objectives and to the business plans of the Group, including the achievement of annual financial targets, payment of dividends, funding of capital growth and maintenance of acceptable capital ratios and our credit rating. The portfolio is analysed in this way at four representative levels:

- Expected performance (including the average credit losses based on measurements over many years)
- A level of loss that corresponds to moderate increases in market, credit or operational risk from expected levels
- A more severe level of loss which is much less likely
- An extreme but highly improbable level of loss which is used to determine the Group's economic capital.

These potentially larger but increasingly less likely levels of loss are illustrated in the Risk Appetite concepts chart below. The Mandate and Scale framework is a formal review and control of our business activities to ensure that they are within our mandate (i.e. aligned to the expectations of external stakeholders) and are of an appropriate scale (relative to the risk and reward of the underlying activities). Appropriate assurance is achieved by using limits and triggers to avoid concentrations and operational risks which could lead to unexpected losses of a scale that would result in a disproportionate fall in Barclays market capitalisation.

Taken as a whole, the Risk Appetite framework provides a basis for the allocation of risk capacity to each business. Since the level of loss at any given probability is dependent on the portfolio of exposures in each business, the statistical measurement for each key risk category gives the Group clearer sight and better control of risk-taking throughout the enterprise.

Risk Appetite concepts (diagram not to scale)



Principal Risks	Other Level 1 Risks
Retail Credit	Strategic
Wholesale Credit	Change
Market	Corporate Sustainability
Capital	Brand Management
Liquidity	
Financial Crime	
Operations	
Technology	
People	
Regulatory	
Financial Reporting	
Legal	
Taxation	

## Risk Methodologies

Fundamental to the delivery of the Group's risk management objectives are a series of risk methodologies that allow it to measure, model, price, stress, aggregate, report and mitigate the risks that arise from its activities. Many of the most important processes relate to the internal ratings used in granting credit and are discussed separately on page 82. The specific methodologies used to manage market risk, liquidity risk, capital risk and operational risk are also discussed in their corresponding sections. At a more general level, the Group's approach to risk management can be illustrated through its use of stress testing and the controls around model governance.

## Stress testing

As part of the annual stress testing process, Barclays estimates the impact of a severe economic downturn on the projected demand and supply of capital. This process enables the Group to assess whether it could meet its minimum regulatory capital requirements throughout a severe recession. The Risk Appetite numbers are validated by estimating the Group sensitivity to adverse changes in the business environment and to include operational events that impact the Group as a whole using stress testing and scenario analysis. For instance, changes in certain macroeconomic variables represent environmental stresses which may reveal systemic credit and market risk sensitivities in our retail and wholesale portfolios.

The recession scenarios considered incorporate changes in macroeconomic variables, including:

- Weaker GDP, employment or property prices
- Lower equity prices
- Interest rate curve shifts
- Commodity price movements

Such Group-wide stress tests allow senior management to gain a better understanding of how portfolios are likely to react to changing economic and geopolitical conditions and how the Group can best prepare for and react to them. The stress test simulates the balance sheet and profit and loss effects of stresses across the Group, investigating the impact on profits and the ability to maintain appropriate capital ratios. Insights gained are fully integrated into the senior management process and the Risk Appetite framework. This process of analysis and senior management oversight also provides the basis for fulfilling the stress testing requirements of Basel II.

Group-wide stress testing is only one of a number of stress test analyses that are performed as part of the wider risk management process. Specific stress test analysis is used across all risk types to gain a better understanding of the risk profile and the potential effects of changes in external factors. These stress tests are performed at a range of different levels, from analysis covering specific stresses on individual sub-portfolios (e.g. the impact of higher unemployment on the US cards portfolio) to regularly assessed stress scenarios (such as the effect of a sudden rise in global interest rates on Barclays Capital's market exposures).

## Model Governance

Barclays has a large number of models in place across the Group, covering all risk types. To minimise the risk of loss through model failure, a Group Model Risk Policy (GMRP) has been developed. This has been extensively reviewed and enhanced during the course of 2008.

The GMRP helps reduce the potential for model failure by setting minimum standards around the model development and implementation process. The Policy also sets the Group governance processes for all

models, which allows model risk to be monitored, and seeks to identify and escalate any potential problems at an early stage.

To help ensure that sufficient management time is spent on the more material models, each model is provided with a materiality rating. GMRP defines the materiality ranges for all model types. The materiality ranges are based on an assessment of the impact to the Group in the event of a model error. The materiality affects the approval and reporting level for each model, with the most material models being approved by the Executive Models Committee, a technical sub-committee of Group Executive Committee. Although final level of model sign-off will vary, depending on model materiality, the standards of model build, implementation, monitoring and maintenance do not change with the materiality level.

Documentation must be sufficiently detailed, to allow an expert to understand all appropriate aspects of model development. It must include a description of the data used for model development, the methodology used (and the rationale for choosing such a methodology), a description of any assumptions made, as well as details of where the model works well and areas that are known model weaknesses.

All models are subject to a validation and independent review process before the model can be signed-off for implementation. The model validation exercise must demonstrate that the model is fit for purpose and provides accurate estimates. The independent review process will also ensure that all aspects of the model development process have been performed in a suitable manner.

The initial sign-off process ensures that the model is technically fit for purpose as well as ensuring that the model satisfies the business requirements and all the relevant regulatory requirements. As detailed above, the process for model sign-off is based on materiality, with all of a business unit's models at least initially being approved in business-led committees, and Group involvement increasing as the models become more material.

Once implemented, all models within the Group are subject to an annual validation, to ensure that they are performing as expected, and that assumptions used in model development are still appropriate. In line with initial sign-off requirements, annual validations are also formally reviewed at the appropriate technical committee.

In addition to annual validation, models are subject to quarterly performance monitoring. Model performance monitoring ensures that deficiencies are identified early, and that remedial action can be taken before the deficiency becomes serious enough to affect the decision-making process. As part of this process, model owners set performance triggers and define appropriate actions for their models in the event of breaches.

Externally developed models are subject to the same governance standards as internal models, and must be initially approved for use following the validation and independent review process. External models are also subject to the same standards for ongoing monitoring and annual validation requirements.

Within Barclays Capital, where models are used to value positions within the trading book the positions are subject to regular independent price testing which covers all trading positions. Prices are compared to direct external market data where possible. When this is not possible, more analytic techniques are used, such as industry consensus pricing services. These services enable Barclays to anonymously compare structured products and model-input parameters with those of other banks engaged in the trading of the same financial products. The conclusions and any exceptions to this exercise are communicated to senior levels of business and infrastructure management.

## Credit risk management

Credit risk is the risk of suffering financial loss should any of the Group's customers, clients or market counterparties fail to fulfil their contractual obligations to the Group.

The granting of credit is one of the Group's major sources of income and, as its most significant risk, the Group dedicates considerable resources to controlling it. The importance of credit risk is illustrated by noting that almost two-thirds of risk-based economic capital is allocated to credit risk. The credit risk that the Group faces arises mainly from wholesale and retail loans and advances.

Barclays is also exposed to other credit risks arising from its trading activities, including debt securities, derivatives, settlement balances with market counterparties and reverse repurchase loans.

In managing credit risk, the Group applies the five-step risk management process and internal control framework. Specific credit risk management objectives are:

- To gain a clear and accurate understanding and assessment of credit risk across the business, from the level of individual facilities up to the total portfolio.
- To control and plan the taking of credit risk, ensuring it is coherently priced across the business and avoiding undesirable concentrations.
- To support strategic growth and decision-making based on sound credit risk management principles and a proactive approach to identifying and measuring new risks.
- To ensure a robust framework for the creation, use and ongoing monitoring of the Group's credit risk measurement models.
- To ensure that our balance sheet reflects the value of our assets in accordance with accounting principles.

In the review of Barclays credit risk management that follows, we first explain how the Group meets its credit risk management objectives through its organisation, structure and governance, its measurement, reporting and system of internal ratings and its mechanisms for credit risk mitigation.

We then provide a summary of the Group's total assets, including the asset types which give rise to credit risk and counterparty credit risk, namely: loans and advances, debt securities and derivatives.

On pages 76 to 89, we set out a detailed analysis of the Group's loans and advances across a number of asset classes and businesses referencing significant portfolios and including summary measures of asset quality.

We next provide disclosures and analyses of the credit risk profiles of these asset categories, beginning with Barclays Capital's credit market exposures by asset class, covering current exposures, losses during 2008, sales and paydowns, foreign exchange movements and, where appropriate, details of collateral held, geographic spread, vintage and credit quality. These are given on pages 93 to 105.

Finally, additional analysis of debt securities and derivatives can be found on pages 90 and 91 to 92.

## Risk management

## Credit risk management

## Organisation and structure

Barclays has structured the responsibilities of credit risk management so that decisions are taken as close as possible to the business, whilst ensuring robust review and challenge of performance, risk infrastructure and strategic plans.

The credit risk management teams in each business are accountable to the Business Risk Directors in those businesses who, in turn, report to the heads of their businesses and also to the Risk Director. These credit risk management teams assist Group Risk in the formulation of Group Risk policy and its implementation across the businesses. Examples include:

- maximum exposure guidelines to limit the exposures to an individual customer or counterparty
- country risk policies to specify risk appetite by country and avoid excessive concentration of credit risk in individual countries
- policies to limit lending to certain industrial sectors
- underwriting criteria for personal loans and maximum loan-to-value ratios for home loans

Within Group Risk, the Credit Risk function provides Group-wide direction of credit risk-taking. This functional team manages the resolution of all significant credit policy issues and runs the Credit Committee, which approves major credit decisions.

The principal Committees that review credit risk management, formulate overall Group credit policy and resolve all significant credit policy issues are the Group Wholesale Credit Risk Management Committee, the Group Retail Credit Risk Management Committee, the Risk Oversight

Committee and the Board Risk Committee. The Board Audit Committee also reviews the impairment allowance as part of financial reporting.

The Group Credit Risk Impairment Committee (GCRIC), on a semi-annual basis, obtains assurance on behalf of the Group that all businesses are recognising impairment in their portfolios accurately and promptly in their recommendations and in accordance with policy, accounting standards and established governance.

GCRIC exercises the authority of the Group Risk Director, as delegated by the Group Chief Executive, and is chaired by Barclays Credit Risk Director. GCRIC reviews the movements to impairment in the businesses, including those already agreed at Credit Committee, as well as Potential Credit Risk Loans, loan loss rates, asset quality metrics and Risk Tendency.

These committees are supported by a number of Group policies including:

- Group Retail and Wholesale Impairment and Provisioning Policies
- Group Retail and Wholesale Expected Loss Policies
- Group Model Policy

GCRIC makes twice-yearly recommendations to the Board Audit Committee on the adequacy of Group impairment allowances. Impairment allowances are reviewed relative to the risk in the portfolio, business and economic trends, current policies and methodologies, and our position against peer banks.

GCRIC has delegated the detailed review of loan impairment in the businesses to the Retail and Wholesale Credit Risk Management Committees.

## Credit risk management

Measurement, reporting and internal ratings

The principal objective of credit risk measurement is to produce the most accurate possible quantitative assessment of the credit risk to which the Group is exposed, from the level of individual facilities up to the total portfolio. The key building blocks in this quantitative assessment are:

- Probability of default (PD)
- Exposure in the event of default (EAD)
- Loss given default (LGD)

Barclays first began to use internal estimates of PD in its main businesses in the 1990s. Internally derived estimates for PD, EAD and LGD have since been used in our major risk decision-making processes, enabling the application of coherent risk measurement across all credit exposures, retail and wholesale.

With the advent of the Basel II accord on banking, Barclays has been given permission to use internal rating models as an input to its regulatory capital calculations. In preparation, Barclays spent considerable time developing and upgrading a number of such models across the Group, moving towards compliance with the Basel II advanced internal ratings based approach. As part of this process, all Basel credit risk models have been assessed against the Basel II minimum requirements prior to model sign-off to ensure that they are fit to be used for regulatory purposes.

### Applications of internal ratings

The three components described above – the PD, EAD and LGD – are building blocks used in a variety of applications that measure credit risk across the entire portfolio. These parameters can be calculated incorporating different aspects of the credit cycle into the estimates:

- PD estimates can be calculated on a through-the-cycle (TTC) basis, reflecting the predicted default frequency in an average 12 month period across the credit cycle, or on a point-in-time (PIT) basis, reflecting the predicted default frequency in the next 12 months.
- LGD and EAD estimates can be calculated as downturn measures, reflecting behaviour observed under stressed economic conditions, or as business-as-usual (BAU) measures, reflecting best modelled behaviour under actual conditions.

These parameters, in suitable combination, are used in a wide range of credit risk measurement and management and as our understanding and experience have developed, we have extended the use and sophistication of internal ratings into the following:

- Credit Approval: PD models are used in the approval process in both retail and wholesale portfolios. In high-volume retail portfolios, application and behaviour scorecards are frequently used as decision-making tools. In wholesale and some retail mortgage portfolios, PD models are used to direct applications to different credit sanctioning levels, so that credit risks are reviewed at appropriate levels.
- Credit Grading: originally introduced in the early 1990s to provide a common measure of risk across the Group using an eight point rating scale; wholesale credit grading now employs a 21 point scale of default probabilities.
- Risk-Reward and Pricing: PD, EAD and LGD metrics are used to assess profitability of deals and portfolios and to allow for risk-adjusted pricing and strategy decisions.
- Risk Appetite: measures of expected loss and the potential volatility of loss are used in the Group's Risk Appetite framework (see page 65).
- IAS 39: many of our collective impairment estimates incorporate the use of our PD and LGD models, adjusted as necessary.
- Collections and Recoveries: model outputs are frequently used to segment portfolios allowing for suitably prioritised collections and recoveries strategies in retail portfolios.
- Economic capital (EC) allocation: most EC calculations use the same PD and EAD inputs as the regulatory capital (RC) process. The process also uses the same underlying LGD model outputs as the RC calculation, but does not incorporate the same economic downturn adjustment used in RC calculations.
- Risk management information: Group Risk and the business units generate risk reports to inform senior management on issues such as the business performance, Risk Appetite and consumption of EC.

### Calculation of internal ratings

To calculate **probability of default** (PD), Barclays assesses the credit quality of borrowers and other counterparties and assigns them an internal risk rating. Multiple rating methodologies may be used to inform the rating decision on individual large credits, such as internal and external models, rating agency ratings, and for wholesale assets market information such as credit spreads. For smaller credits, a single source may suffice such as the result from an internal rating model. Barclays recognises the need for



two different expressions of PD depending on the purpose for which it is used. For the purposes of calculating regulatory and economic capital, long-run average through-the-cycle PDs are required. However, for the purposes of pricing, PDs should represent the best estimate of probability of default, typically in the next 12 months, dependent on the current position in the credit cycle. Hence, point-in-time PDs are also required.

Each PD model outputs a point-in-time (PIT), through-the-cycle (TTC) or a hybrid, e.g. a 50:50 blend, default estimate. Conversion techniques appropriate to the portfolio are then applied to calculate both PIT and TTC estimates. Industry and location of the counterparty and an understanding of the current and long-term credit conditions are considered in deriving the appropriate conversion. Two ratings are therefore recorded for each client, the PIT and the TTC estimates.

Barclays internal rating system also differentiates between wholesale and retail customers. For wholesale portfolios, the rating system is constructed to ensure that each client receives the same rating independent of the part of the business with which they are dealing. To achieve this, a model hierarchy is adopted which requires users to adopt a specific approach to rating each counterparty depending upon the nature of the business and its location.

A range of methods is approved for estimating wholesale counterparty PDs. These include bespoke grading models developed within the Barclays Group (Internal Models), vendor models such as MKMV Credit Edge and RiskCalc, and a conversion of external alphabet ratings from either S&P, Moody's or Fitch. Retail models, especially those used for capital purposes, are almost exclusively built internally using Barclays data, although in some cases bureau models may be used in conjunction with these models. In addition, in some low data/low default environments external developments may be utilised for decision-making purposes.

A key element of the Barclays Wholesale framework is the probability of default distribution, which maps PDs into internal grades both for PIT (default grades) and TTC (TTC band) purposes. This has been developed to record differences in the probability of default risk at meaningful levels throughout the risk range. In contrast to wholesale businesses, retail areas do not bucket exposures into generic grades for account management purposes (although they may be used for reporting purposes). Instead, accounts are managed either at a granular level or based on bespoke segmentations.

**Exposure at default (EAD)** represents the expected level of usage of the credit facility when default occurs. At default, the customer may not have drawn the loan fully or may already have repaid some of the principal,

so that exposure is typically less than the approved loan limit. When the Group evaluates loans, it takes exposure at default into consideration, using its extensive historical experience. It recognises that customers may make heavier than average usage of their facilities as they approach default. The lower bound of EAD is the actual outstanding balance at calculation of EAD. For derivative instruments, exposure in the event of default is the estimated cost of replacing contracts with a positive value should counterparties fail to perform their obligations.

When a customer defaults, some part of the amount outstanding on the loan is usually recovered. The part that is not recovered, the actual loss, together with the economic costs associated with the recovery process, comprise the **loss given default (LGD)**, which is expressed as a percentage of EAD. Using historical information, the Group estimates how much is likely to be lost, on average, for various types of loans in the event of default.

The level of LGD depends principally on: the type of collateral (if any); the seniority or subordination of the exposure; the industry in which the customer operates (if a business); the length of time taken for the recovery process and the timing of all associated cash flows; and the jurisdiction applicable and work-out expenses. The outcome is also dependent on economic conditions that may determine, for example, the prices that can be realised for assets, whether a business can readily be refinanced or the availability of a repayment source for personal customers.

#### The ratings process

The term 'internal ratings' usually refers to internally calculated estimates of PD. These ratings are combined with EAD and LGD in the range of applications described previously. The 'ratings process' refers to the use of PD, EAD and LGD across the Group. In Barclays, the rating process is defined by each business. For central government and banks, institutions and corporate customers many of the models used in the rating process are shared across businesses as the models are customer specific. For retail exposures, the ratings models are usually unique to the business and product type e.g. mortgages, credit cards, and consumer loans.

#### Wholesale Approaches

A bespoke model has been built for PD and LGD for **Sovereign** ratings. For Sovereigns where there is no externally available rating, we use an internally developed PD scorecard. The scorecard has been developed using historic data on Sovereigns from an external data provider covering a wide range of qualitative and quantitative information. Our LGD model is based on resolved recoveries in the public domain, with a significant element of conservatism added to compensate for the small sample size.

#### Barclays probability of default grades (wholesale)

DG/TTC Band	Default Probability		
	>=Min	Mid	<Max
1	0.00%	0.010%	0.02%
2	0.02%	0.025%	0.03%
3	0.03%	0.040%	0.05%
4	0.05%	0.075%	0.10%
5	0.10%	0.125%	0.15%
6	0.15%	0.175%	0.20%
7	0.20%	0.225%	0.25%
8	0.25%	0.275%	0.30%
9	0.30%	0.350%	0.40%
10	0.40%	0.450%	0.50%
11	0.50%	0.550%	0.60%
12	0.60%	0.900%	1.20%
13	1.20%	1.375%	1.55%
14	1.55%	1.850%	2.15%
15	2.15%	2.600%	3.05%
16	3.05%	3.750%	4.45%
17	4.45%	5.400%	6.35%
18	6.35%	7.500%	8.65%
19	8.65%	10.000%	11.35%
20	11.35%	15.000%	18.65%
21	18.65%	30.000%	100.00%

## Credit risk management

Measurement, reporting and internal ratings

To construct ratings for institutions, corporates, specialised lending and purchased corporate receivables and equity exposures, we use external models, rating agencies and internally constructed models. The applicability of each of these approaches to our customers has been validated by us to internal rating standards. The data used in validating these primary indicators are representative of the population of the bank's actual obligors and exposures and its long-term experience.

Internally built PD models are also widely used. We employ a range of methods in the construction of these models. The basic types of PD modelling approaches used are:

- Structural
- Expert lender
- Statistical

Structural models incorporate in their specification the elements of the industry-accepted Merton framework to identify the distance to default for a counterparty. This relies upon the modeller having access to specific time series data or data proxies for the portfolio. Data samples used to build and validate these models are typically constructed by adding together data sets from internal default observations with comparable externally obtained data sets from commercial providers such as rating agencies and industry gathering consortia.

Expert lender models are used for parts of the portfolio where the risk drivers are specific to a particular counterparty, but where there is insufficient data to support the construction of a statistical model. These models utilise the knowledge of credit experts that have in depth experience of the specific customer type being modelled.

For any of the portfolios where we have a low number of default observations we adopt specific rules to ensure that the calibration of the model meets the Basel II and FSA criteria for conservatism. We have developed our own internal policy which describes specific criteria for the use of parametric and non-parametric low default portfolio calibration techniques.

Statistical models such as behavioural and application scorecards are used for our high volume portfolios such as Small/Medium Enterprises (SME). The model builds typically incorporate the use of large amounts of internal data, combined with supplemental data from external data suppliers. Where external data is sourced to validate or enhance internally-held data as part of the risk assessment process or to support model development and BAU operation, a similar approach is adopted towards ensuring data quality to that applied to the management of internal data. This entails adherence to the Group's procurement and supplier management process, including the agreement of specifications and service level agreements.

In wholesale portfolios the main approaches to calculate LGD aim to establish the affects of drivers (including industry, collateral coverage, recovery periods, seniority and costs) by looking at Barclays historical experience, supplemented with other external information where necessary. Estimates built using historical information are reviewed to establish whether they can be expected to be representative of future loss rates, and adjusted if necessary.

In a similar fashion, wholesale EAD models estimate the potential utilisation of headroom based on historical information also considering the future outlook of client behaviour.

Typically, modellers do not manipulate external data before using it as input to the model estimation or validation procedure. Changes required in the estimation and validation process are documented in the model build papers.

For all the above asset classes we use the Basel II definition of default, utilising the 90 day past due criteria as the final trigger of default.

### Derivative counterparty credit risk measurement

The magnitude of trading exposure is determined by considering the current mark to market of the contract, the historic volatility of the underlying asset and the time to maturity. This allows calculation of a credit equivalent exposure (CEE) for such exposures using a stochastic method and a 98% confidence level.

### Retail Approaches

Our retail banking operations have long and extensive experience of using credit models in assessing and managing risk in their businesses and as a result models play an integral role in customer approval and management processes.

Models used include PD models, mostly in the form of application and behavioural scorecards, as well as LGD and EAD models.

Application scorecards are derived from the historically observed performance of new clients. They are built using customer demographic and financial information, supplemented by credit bureau information where available. Through statistical techniques, the relationship between these candidate variables and the default marker is quantified to produce output scores reflecting a PD. These scores are used primarily for new customer decisioning but are, in some cases, also used to allocate PDs to new customers for the purposes of capital calculation.

Behavioural scorecards are derived from the historically observed performance of existing clients as well as being supplemented by the same data as is used for application scoring, including the use of bureau data. The techniques used to derive the output are the same as for application scoring. The output scores are used for existing customer management activities as well as for allocating PDs to existing customers for the purposes of capital calculation.

It is Barclays philosophy to embed Basel II models as extensively as possible in the portfolio management process. This is an ongoing initiative and we expect greater convergence over time. However, in some cases there are sound business reasons for having different models for capital allocations and internal processes.

EAD models within retail portfolios are split into two main methodological categories. The less complex models derive product level credit conversion factors (CCFs) from historical balance migrations; these are frequently further segmented at a delinquency bucket level. The most sophisticated EAD models are behavioural based, determining customer level CCFs from characteristics of the individual facility.

Retail LGD models are built using bespoke methods chosen to best model the observed recovery process. In a number of secured portfolios, structural models are often used which parameterise the LGD drivers giving models which can easily be updated to reflect current market trends. Models based on historical cash collected curves are often utilised in portfolios where recoveries are not based on the recovery of a single source of collateral. Finally, in some instances regression techniques are used to generate predicted LGDs based on account characteristics. In all instances bespoke country level factors are derived to discount recovery flows to the point of default. For capital calculations, customised economic downturn adjustments are made to adjust losses to stressed conditions.

Most retail models within Barclays are built in-house, although occasionally external consultants will be contracted to build models on behalf of the businesses. Whilst most models are statistically or empirically derived, some expert lender models (similar to those described above in the wholesale context) are used, particularly where data limitations preclude a more sophisticated approach.

Where models are used in the calculation of regulatory capital, the definition of default is in line with the regulatory definition of default requirements i.e. for UK portfolios the default definition is 180 days past due whilst international regulators may have different rules. In some cases, for models not used in regulatory capital calculations, in order to maximise model suitability, different default definitions are used. However, in all cases EAD and LGD models are appropriately aligned.

#### The control mechanisms for the rating system

Each of the business risk teams is responsible for the design, oversight and performance of the individual credit rating models – PD, LGD and EAD – that comprise the credit rating system for a particular customer within each asset class. Group-wide standards in each of these areas are set by Group Risk and are governed through a series of committees with responsibility for oversight, modelling and credit measurement methodologies.

Through their day-to-day activities, key senior management in Group Credit Risk, the businesses and the business risk teams have a good understanding of the operation and design of the rating systems used.

For example:

- The respective Business Risk Heads or equivalents are responsible for supplying a robust rating system.
- The Group Risk Director, Credit Risk Director and Wholesale and Retail Credit Risk Directors are required to understand the operation and design of the rating system used to assess and manage credit risk in order to carry out their responsibilities effectively. This extends to the Business CEOs, Business Risk Directors and the Commercial/Managing Directors or equivalent.

In addition, [Group Model Risk Policy](#) requires that all models be validated as part of the model build (see page 66). This is an iterative process that is carried out by the model owner. Additionally, a formal independent review is carried out after each model is built to check that it is robust, meets all internal and external standards and is documented appropriately. These reviews must be documented and conducted by personnel who are independent of those involved in the model-building process. The results of the review are required to be signed off by an appropriate authority.

In addition to the independent review, post implementation and annual reviews take place for each model. These reviews are designed to ensure compliance with policy requirements such as:

- integration of models into the business process
- compliance with the model risk policy
- continuation of a robust governance process around model data inputs and use of outputs

Model performance is monitored regularly; frequency of monitoring is monthly for those models that are applicable to higher volume or volatile portfolios, and quarterly for lower volume or less volatile portfolios. Model monitoring includes coverage of the following characteristics: utility, stability, efficiency, accuracy, portfolio and data.

Model owners set performance ranges and define appropriate actions for their models. As part of the regular monitoring, the performance of the models is compared with these operational ranges. If breaches occur, the model owner reports these to the approval body appropriate for the materiality of the model. The model approver is responsible for ensuring completion of the defined action, which may ultimately be a complete rebuild of the model.

## Credit risk management

The Group uses a wide variety of techniques to reduce credit risk on its lending. The most basic of these is performing an assessment of the ability of a borrower to service the proposed level of borrowing without distress. In addition, the Group commonly obtains security for the funds advanced, such as in the case of a retail or commercial mortgage, a reverse repurchase agreement, or a commercial loan with a floating charge over book debts and inventories. The Group ensures that the collateral held is sufficiently liquid, legally effective, enforceable and regularly valued.

Various forms of collateral are held and commonly include: cash in major currencies; fixed income products including government bonds; letters of credit; property, including residential and commercial; and other fixed assets.

The Group actively manages its credit exposures and when weaknesses in exposures are detected – either in individual exposures or in groups of exposures – action is taken to mitigate the risks. These include steps to reduce the amounts outstanding (in discussion with the customers, clients or counterparties, if appropriate), the use of credit derivatives and, sometimes, the sale of the loan assets.

The Group also uses various forms of specialised legal agreements to reduce risk, including netting agreements which permit it to offset positive and negative balances with customers in certain circumstances to minimise the exposure at default, as well as financial guarantees, and the use of covenants in commercial lending agreements.

Barclays manages the diversification of its portfolio to avoid unwanted credit risk concentrations. A concentration of credit risk exists when a number of counterparties are engaged in similar activities and have similar economic characteristics that would cause their ability to meet contractual obligations to be similarly affected by changes in economic or other conditions.

Credit risk mitigation to address concentrations takes several dimensions. Within wholesale credit risk, maximum exposure guidelines are in place relating to the exposures to any individual counterparty. These permit higher exposures to borrowers with higher ratings. They also distinguish between types of counterparty, for example, between sovereign governments, banks and corporations. Excesses to maximum exposure guidelines are considered individually at the time of credit sanctioning, are reviewed regularly, and are reported to the Risk Oversight Committee and the Board Risk Committee.

'Wrong way risk' in a trading exposure arises when there is significant correlation between the underlying asset and the counterparty which in the event of default would lead to a significant mark to market loss.

When assessing the credit exposure of a wrong way trade, analysts take into account the correlation between the counterparty and the underlying asset as part of the sanctioning process. Adjustments to the calculated CEE are considered on a case by case basis.

The Risk Oversight Committee has delegated and apportioned responsibility for risk management to the Retail and Wholesale Credit Risk Management Committees. The Retail Credit Risk Management Committee (RCRMC) oversees exposures, which comprise unsecured personal lending (including small businesses), mortgages and credit cards. The RCRMC monitors the risk profile and performance of the retail

portfolios by receipt of key risk measures and indicators at an individual portfolio level, ensuring mitigating actions taken to address performance are appropriate and timely. Metrics reviewed will consider portfolio composition at both an overall stock and new flow level.

The Wholesale Credit Risk Management Committee (WCRMC) oversees wholesale exposures, comprising lending to businesses, banks, other financial institutions and sovereigns. The WCRMC monitors exposure by country, industry sector, individual large exposures and exposures to sub-investment grade countries.

Country concentrations are addressed through the country risk policy and utilisation of country limits which specify Risk Appetite by country and avoid excessive concentrations of credits in individual countries. Country risk grades are assigned to all countries where the Group has, or is likely to have, exposure and are reviewed regularly to ensure they remain appropriate. Country grades, which are derived from long-term sovereign foreign currency ratings, range from 1 (lowest probability of default) to 21 (highest probability of default). A ceiling is applied where a country is graded 12 or worse so that the counterparty cannot normally receive a higher risk grading than the country, unless some form of protection is available in the event of a cross-border event, such as a significant portion of a counterparty's assets or income being held or generated in hard currency.

To manage exposure to country risk, the Group uses two country limits: the Prudential Guideline and the Country Guideline. The Prudential Guideline is identified through the strict mapping of a country grade to derive a model-driven acceptable level of country appetite. The Country Guideline for all graded countries is set by the Credit Committee based on the Prudential Guideline and the internal assessment of country risk. The Country Guideline may therefore be above or below the Prudential Guideline.

Country risk is calculated through the application of Country Loss Given Default (CLGD). All cross-border or domestic foreign currency transactions incur CLGD from the Country Guideline agreed at Credit Committee. The level of CLGD incurred by a counterparty transaction will largely depend on three main factors: the country severity, the product severity and counterparty grade. CLGD is incurred in the country of direct risk, defined as where the majority of operating assets are held. This may differ from the country of incorporation. However, where transactions are secured with collateral, the country risk can be transferred from the country of the borrower to the country of the collateral provider. This is only permitted where the collateral covers the borrowing and is not expected to decrease over time.

Country Managers are in place for all countries where the Group has exposure and they, under the direction of Credit Committee, have responsibility for allocating country risk to individual transactions. The total allocation of country limits is monitored on a daily basis by Group Credit Risk, as headed by the Credit Risk Director. Discretions exist to increase the Country Guideline above the level agreed by Credit Committee where the Country Guideline is below the Prudential Guideline. All requests to increase the Country Guideline in line with individual discretions must be submitted to and applied centrally through Group Credit Risk.

A further mitigant against undesirable concentration of risk is the mandate and scale framework described on page 65. Mandate and scale limits, which can also be set at Group level to reflect overall Risk Appetite, can relate either to the stock of current exposures in the relevant portfolio or to the flow of new exposures into that portfolio. Typical limits include the caps on UK commercial investment property lending, the proportion of lending with maturity in excess of seven years and the proportion of new mortgage business that is buy-to-let. The mandate and scale framework also provides protection against undue concentrations within the collateral held.

Concentrations of credit exposure described in this credit risk management section and the following statistical section are not proportionally related to credit loss. Some segments of the Group's portfolio have and are expected to have proportionally higher credit charges in relation to the exposure than others. Moreover, the volatility of credit loss is different in different parts of the portfolio. Thus, comparatively large credit impairment charges could arise in parts of the portfolio not mentioned here.

### Securitisations

In the course of its business, Barclays has traditionally undertaken securitisations of its own originated assets as well as the securitisation of third party assets via sponsored conduit vehicles and shelf programmes.

Barclays has securitised its own originated assets in order to manage the Group's credit risk position, to obtain regulatory capital relief, and to generate term liquidity for the Group balance sheet.

For these transactions Barclays adopts the following roles in the securitisation process:

- Originator of securitised assets
- Executor of securitisation trades including bond marketing and syndication
- Provider of securitisation trade servicing, including data management, investor payments and reporting.

As at the end 2008 Barclays has securitised its own originated retail and commercial mortgages, credit cards and corporate loans across both funded traditional and synthetic transactions.

Barclays acts as an administrator and manager of multi-seller conduits through which interests in third-party-originated assets are securitised and funded via the issuance of asset backed commercial paper. From a regulatory perspective, Barclays would be defined primarily as a sponsor of these conduits.

In relation to such conduit activity, Barclays may provide all or a portion of the backstop liquidity to the commercial paper, programme-wide credit enhancement and, as appropriate, interest rate and foreign currency hedging facilities. Barclays receives fees for the provision of these services.

In addition to the above, Barclays has provided swaps to securitisation vehicles, both those sponsored by Barclays and those sponsored by third

parties, in order to provide hedges against interest rate and/or currency movements. This forms part of Barclays Capital's market making activity in interest rate and foreign exchange products.

Barclays also acts as an investor in third-party securitisations (i.e. where Barclays would not be defined as an originator or a sponsor for regulatory purposes). This includes positions in ABS CDO Super Senior, other US Sub Prime & Alt A and bonds which benefit from monoline credit protection. See 'Barclays Capital Credit Market Exposures' on pages 93-105 for further details.

Due to the market disruption experienced since August 2007, the volume of securitisation activity in all forms that Barclays has undertaken has been more limited than previously. In addition, the change in risk weighting of certain assets (for example residential mortgages) and of banks securitisations exposures as a result of the introduction of the Basel II regime means that the extent of regulatory relief obtainable from securitisations has changed.

As such, Barclays own asset securitisation in 2008 was limited mainly to trades where securities have been retained on balance sheet and used as required as in central bank liquidity schemes.

During 2008, Barclays launched Salisbury Receivables Corporations ('Salisbury'), a multi-seller asset-backed commercial paper conduit modelled after Sheffield Receivables Corporation ('Sheffield'), which was launched in December 1991. Similar to Sheffield, Salisbury has the ability to issue both US commercial paper ('CP') and Euro CP notes to finance client asset-backed receivable transactions. Sponsored conduits primarily fund traditional assets such as credit cards, auto loans, student loans, prime mortgages and trade receivables.

RWAs reported for securitised assets at December 2008 are calculated in line with FSA regulations as well as any individual guidance received from the FSA as at the end of the period. Barclays has approval to use the Internal Ratings Based Approach for the calculation of RWAs. Within this, the Group uses the Internal Assessment Approach and the Supervisory Formula Approach to calculate its regulatory capital requirements arising from its securitisation exposures.

Further information about securitisation activities and accounting treatment is in Note 29. The Group's accounting policies, including those relevant to securitisation activities are on page 179.

For certain transactions, there may be a divergence between the accounting and regulatory treatment of Barclays exposure to securitisations, for example in the treatment of exposure values. This will reflect differing guidance given in the accounting and regulatory regimes which in turn reflect the areas in which the aims of each regime differ.

Barclays employs External Credit Assessment Institutions to provide ratings for its asset backed securities. Their use is dependent on the transaction or asset class involved. For existing transactions, we employ Standard & Poor's, Moody's and Fitch for securitisations of corporate, residential mortgage and other retail exposures and Standard & Poor's and Moody's for securitisations of small and medium-sized entity and revolving retail exposures.



# Credit risk management

Analysis of total assets and credit risk exposures

Assets	Analysis of total assets							Sub analysis	
	Loans and advances <sup>a</sup> £m	Debt securities and other bills <sup>b</sup> £m	Derivatives <sup>c</sup> £m	Reverse repurchase agreements <sup>d</sup> £m	Other £m	Assets subject to credit risk £m	Assets not subject to credit risk £m	Total assets £m	Credit market exposures <sup>e</sup> £m
<b>Cash and balances at central banks</b>					30,019	<b>30,019</b>		<b>30,019</b>	
<b>Items in the course of collection from other banks</b>					1,695	<b>1,695</b>		<b>1,695</b>	
Treasury and other eligible bills		4,544				<b>4,544</b>		<b>4,544</b>	
Debt securities		148,686				<b>148,686</b>		<b>148,686</b>	4,745
Equity securities <sup>f</sup>							30,535	<b>30,535</b>	
Traded loans	1,070					<b>1,070</b>		<b>1,070</b>	
Commodities <sup>g</sup>							802	<b>802</b>	
<b>Total Trading portfolio assets</b>	<b>1,070</b>	<b>153,230</b>				<b>154,300</b>	<b>31,337</b>	<b>185,637</b>	
<b>Financial assets designated at fair value</b>									
Loans and advances	30,057				130	<b>30,187</b>		<b>30,187</b>	14,429
Debt securities		8,628				<b>8,628</b>		<b>8,628</b>	
Equity securities <sup>f</sup>							6,496	<b>6,496</b>	
Other financial assets <sup>h</sup>	1,469			7,283	479	<b>9,231</b>		<b>9,231</b>	
<b>Held on own account</b>	<b>31,526</b>	<b>8,628</b>		<b>7,283</b>	<b>609</b>	<b>48,046</b>	<b>6,496</b>	<b>54,542</b>	
<b>Held in respect of linked liabilities under investment contracts<sup>i</sup></b>							<b>66,657</b>	<b>66,657</b>	
<b>Derivative financial instruments</b>			984,802			<b>984,802</b>		<b>984,802</b>	9,234
<b>Loans and advances to banks</b>	<b>47,707</b>					<b>47,707</b>		<b>47,707</b>	
<b>Loans and advances to customers</b>	<b>461,815</b>					<b>461,815</b>		<b>461,815</b>	12,808
Debt securities		58,831				<b>58,831</b>		<b>58,831</b>	727
Equity securities <sup>f</sup>							2,142	<b>2,142</b>	
Treasury and other eligible bills		4,003				<b>4,003</b>		<b>4,003</b>	
<b>Available for sale financial instruments</b>		<b>62,834</b>				<b>62,834</b>	<b>2,142</b>	<b>64,976</b>	
Reverse repurchase agreements and cash collateral on securities borrowed					130,354	<b>130,354</b>		<b>130,354</b>	
Other assets					3,096	<b>3,096</b>	3,206	<b>6,302</b>	109
Current tax assets							389	<b>389</b>	
Investments in associates and joint ventures							341	<b>341</b>	
Goodwill							7,625	<b>7,625</b>	
Intangible assets							2,777	<b>2,777</b>	
Property, plant and equipment							4,674	<b>4,674</b>	
Deferred tax assets							2,668	<b>2,668</b>	
<b>Total on-balance sheet</b>	<b>542,118</b>	<b>224,692</b>	<b>984,802</b>	<b>137,637</b>	<b>35,419</b>	<b>1,924,668</b>	<b>128,312</b>	<b>2,052,980</b>	
<b>Off-balance sheet:</b>									
Acceptances and endorsements						<b>585</b>			
Guarantees and letters of credit pledged as collateral security and securities lending arrangements						<b>53,942</b>			
Commitments						<b>260,816</b>			1,030
<b>Total off-balance sheet</b>						<b>315,343</b>			
<b>Total maximum exposure to credit risk</b>						<b>2,240,011</b>			

## Notes

- a Further analysis of loans and advances is on pages 76 to 89
- b Further analysis of debt securities and other bills is on page 90
- c Further analysis of derivatives is on pages 91 to 92.
- d Reverse repurchase agreements comprise primarily short-term cash lending with assets pledged by counterparties securing the loan.

- e Further analysis of Barclays Capital credit market exposures is on pages 93 to 105.
- f Equity securities comprise primarily equity securities determined by available quoted prices in active markets.
- g Commodities primarily consists of physical inventory positions.
- h These instruments consist primarily of loans with embedded derivatives and reverse repurchase agreements designated at fair value.
- i Financial assets designated at fair value in respect of linked liabilities to customers under investment contracts have not been further analysed as the Group is not exposed to the risks inherent in these assets.



Risk management

# Credit risk management

## Loans and advances

As the granting of credit is one of the Group's major sources of income and its most significant risk, the Group dedicates considerable resources to gaining a clear and accurate understanding of credit risk across the business and ensuring that its balance sheet correctly reflects the value of the assets in accordance with applicable accounting principles. This process can be summarised in the following broad stages:

- Measuring exposures and concentrations
- Monitoring weakness in exposures
- Identifying potential problem loans and credit risk loans (collectively known as potential credit risk loans or PCRLs)
- Raising allowances for impaired loans
- Writing off assets when the whole or part of a debt is considered irrecoverable

### Measuring exposures and concentrations

Loans and advances to customers provide the principal source of credit risk to the Group although Barclays can also be exposed to other forms of credit risk

through loans to banks, loan commitments, contingent liabilities and debt securities. The value of outstanding loans and advances balances, their risk profile, and potential concentrations within them can therefore have a considerable influence on the level of credit risk in the Group.

As at 31st December 2008, total loans and advances to customers and banks net of impairment allowance were £542,118m (2007: £410,789m), a rise of 32% on the previous year. Loans and advances at amortised cost were £509,522m (2007: £385,518m) and loans and advances at fair value were £32,596m (2007: £25,271m). Loans and advances were well distributed across the retail and wholesale portfolios.

Loans and advances were also well spread across industry classifications. Barclays largest sectoral exposure is to home loans which, combined with other personal and business services sectors, comprise 48% of total loans and advances (2007: 53%). These categories are generally comprised of small loans, have low volatility of credit risk outcomes, and are intrinsically highly diversified. Growth in loans and advances to the financial services sector reflected an increased client base in the fund management business and increases in cash collateral. Loans and advances are further diversified across a number of geographical regions,

Fig. 1: Loans and advances to customers by industry %

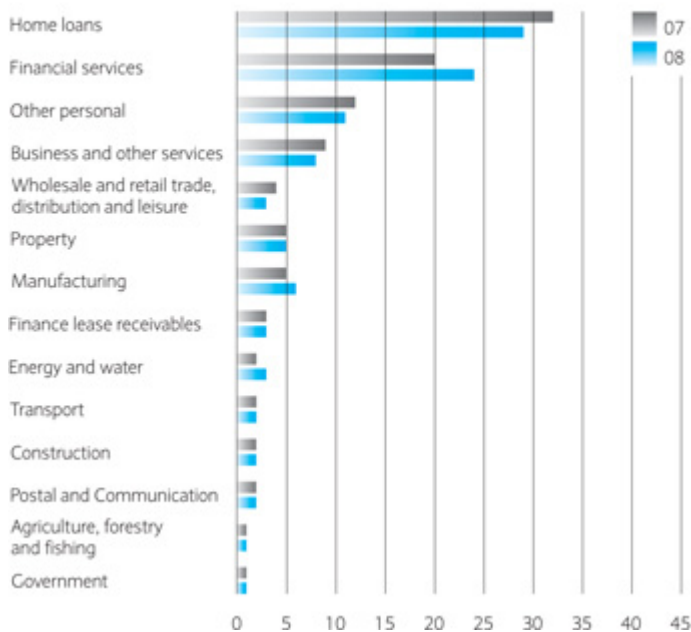


Fig. 2: Geographical analysis of loans and advances to customers %

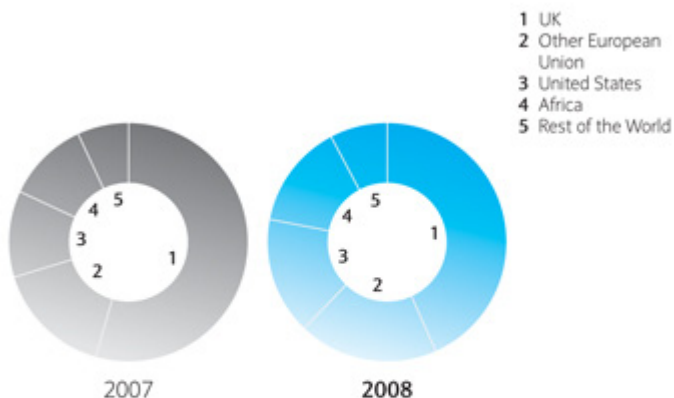


Table 1: Loans and advances at amortised cost

	Gross loans and advances £m	Impairment allowance £m	Loans and advances net of impairment £m	Credit risk Loans £m	CRLs % of gross loans and advances %	Impairment charge £m	Loan loss rates basis points
<b>As at 31st December 2008</b>							
Wholesale – customers	266,750	2,784	263,966	8,144	3.1	2,540	95
Wholesale – banks	47,758	51	47,707	48	0.1	40	8
<b>Total wholesale</b>	<b>314,508</b>	<b>2,835</b>	<b>311,673</b>	<b>8,192</b>	<b>2.6</b>	<b>2,580</b>	<b>82</b>
Retail – customers	201,588	3,739	197,849	7,508	3.7	2,333	116
<b>Total retail</b>	<b>201,588</b>	<b>3,739</b>	<b>197,849</b>	<b>7,508</b>	<b>3.7</b>	<b>2,333</b>	<b>116</b>

<b>Total</b>	<b>516,096</b>	<b>6,574</b>	<b>509,522</b>	<b>15,700</b>	<b>3.0</b>	<b>4,913</b>	<b>95</b>
<b>As at 31st December 2007</b>							
Wholesale – customers	187,086	1,309	185,777	5,157	2.8	1,190	64
Wholesale – banks	40,123	3	40,120	–	–	(13)	(3)
<b>Total wholesale</b>	<b>227,209</b>	<b>1,312</b>	<b>225,897</b>	<b>5,157</b>	<b>2.3</b>	<b>1,177</b>	<b>52</b>
Retail – customers	162,081	2,460	159,621	4,484	2.8	1,605	99
<b>Total retail</b>	<b>162,081</b>	<b>2,460</b>	<b>159,621</b>	<b>4,484</b>	<b>2.8</b>	<b>1,605</b>	<b>99</b>
<b>Total</b>	<b>389,290</b>	<b>3,772</b>	<b>385,518</b>	<b>9,641</b>	<b>2.5</b>	<b>2,782</b>	<b>71</b>

# Credit Risk Management

## Loans and advances

based on location of customers. The majority of Barclays exposure is now outside the UK, reflecting higher rates of growth in the international portfolios as well as the effects of currency movements in 2008.

Barclays also actively monitors exposure and concentrations to sub-investment grade countries (see country risk policy, page 73). Details of the 15 largest sub-investment grade countries, by limit, are shown in figure 3.

Contractual maturity represents a further area of potential concentration. The analysis shown in figure 4 indicates that just over 40% of loans to customers have a maturity of more than five years; the majority of this segment comprises secured home loans.

Barclays risk is therefore spread across a large number of industries and customers and in the case of home loans, for example, well secured. These classifications have been prepared at the level of the borrowing entity. This means that a loan to the subsidiary of a major corporation is classified by the industry in which the subsidiary operates, even though the parent's predominant sphere of activity may be in a different industry.

### Corporate and wholesale loans and advances

Gross loans and advances to wholesale customers and banks grew 38% to £314,508m (31st December 2007: £227,209m), largely due to Barclays Capital where loans and advances increased £72,514m (53%).

Credit Risk Loans (CRLs) rose 59% to £8,192m (31st December 2007: £5,157m). As a percentage of gross loans and advances, CRLs increased 13% to 2.6% (31st December 2007: 2.3%). CRL balances were higher in all businesses, reflecting the downturn in economic conditions, with some deterioration across default grades, higher levels of Early Warning List balances and a rise in impairment and loan loss rates in most wholesale portfolios. The largest rises were in Barclays Capital and GRCB – Western Europe.

Impairment charges on loans and advances rose 119% (£1,403m) to £2,580m (31st December 2007: £1,177m), primarily in Barclays Capital, although all other businesses were higher than the previous year. Impairment in Barclays Commercial Bank rose in both the Larger and

Fig. 3: Credit exposure to sub-investment grade countries £m

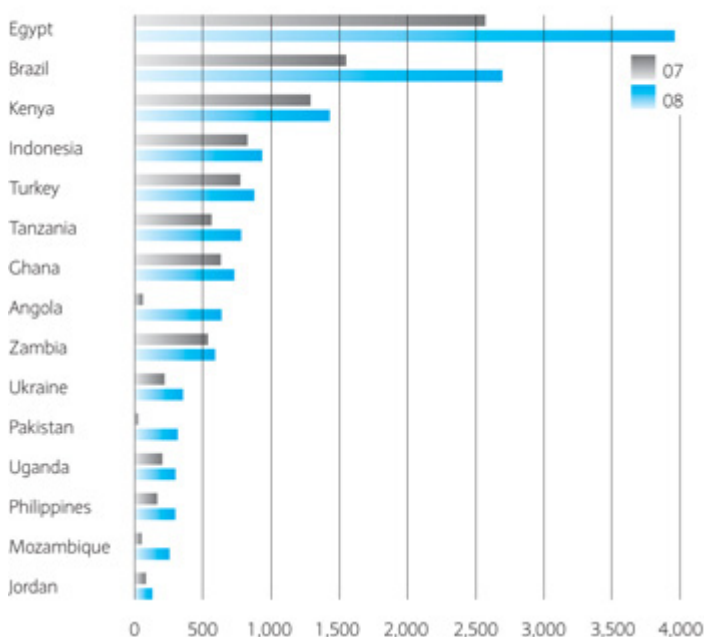


Fig. 4: Maturity analysis of loans and advances to customers %

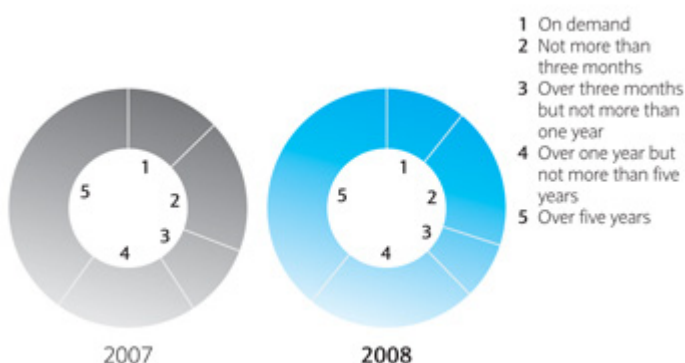


Table 2: Wholesale loans and advances to customers and banks

As at 31st December 2008	Gross loans and advances £m	Impairment allowance £m	Loans and advances net of impairment £m	Credit risk Loans £m	CRLs % of gross loans and advances %	Impairment charge £m	Loan loss rates basis points
Barclays Commercial Bank	68,904	504	68,400	1,181	1.70	414	60
Barclaycard	301	2	299	20	6.60	11	365
GRCB – Western Europe	15,432	232	15,200	578	3.70	125	81
GRCB – Emerging Markets	7,551	122	7,429	191	2.50	36	48
GRCB – Absa	8,648	140	8,508	304	3.50	19	22
Barclays Capital	208,596	1,796	206,800	5,743	2.80	1,936	93
Barclays Global Investors	834	–	834	–	–	–	–
Barclays Wealth	3,282	28	3,254	174	5.30	28	85
Head office	960	11	949	1	0.10	11	115
<b>Total</b>	<b>314,508</b>	<b>2,835</b>	<b>311,673</b>	<b>8,192</b>	<b>2.60</b>	<b>2,580</b>	<b>82</b>

As at 31st December 2007

Barclays Commercial Bank	65,535	483	65,052	956	1.50	292	45
Barclaycard	295	3	292	17	5.80	9	305
GRCB – Western Europe	10,927	63	10,864	93	0.90	19	17
GRCB – Emerging Markets	4,833	79	4,754	119	2.50	10	21
GRCB – Absa	5,321	112	5,209	97	1.80	11	21
Barclays Capital	136,082	514	135,568	3,791	2.80	833	61
Barclays Global Investors	211	–	211	–	–	–	–
Barclays Wealth	2,745	7	2,738	47	1.70	–	–
Head office	1,260	51	1,209	37	2.90	3	24
<b>Total</b>	<b>227,209</b>	<b>1,312</b>	<b>225,897</b>	<b>5,157</b>	<b>2.30</b>	<b>1,177</b>	<b>52</b>

Medium Business divisions. Deterioration in the Spanish commercial and residential property markets led to higher impairment in GRCB – Western Europe, while in GRCB – Absa, wholesale credit impairment began to rise from a low base and credit indicators began to show deterioration. The loan loss rate on the wholesale and corporate portfolio rose to 82bp (2007: 52bp).

In the wholesale and corporate portfolios impairment allowances increased 116% to £2,835m (31st December 2007: £1,312m).

Barclays largest corporate loan portfolios continue to be in Barclays Capital and Barclays Commercial Bank. Barclays Capital's corporate loan book grew 43% to £72,796m in 2008, driven by the decline in the value of Sterling relative to other currencies as well as drawdowns on existing loan facilities and the extension of new loans at current terms to financial and manufacturing institutions. Loans and advances at amortised cost grew 5% in Barclays Commercial Bank and was focused in lower-risk portfolios in Larger Business.

Portfolio growth rates were higher in the international businesses, where Global Retail and Commercial Banking's wholesale portfolios in Western Europe, Emerging Markets and Absa grew by 40%, 56% and 63%, respectively.

#### Analysis of Barclays Capital wholesale loans and advances net of impairment allowances

Barclays Capital wholesale loans and advances increased 53% to £208,596m (2007: £136,082m). This was driven by a decline in the value of Sterling relative to other currencies, increased drawdowns on existing corporate lending facilities and the extension of new loans to corporate clients at current terms. Additionally, continuing market volatility resulted in increased cash collateral being placed with clients relating to OTC derivatives.

The corporate lending portfolio, including leveraged finance, increased 47% to £76,556m (2007: £52,258) primarily due to drawdowns on existing loan facilities and the extension of new loans at current terms to financial and manufacturing institutions.

Included within corporate lending and other wholesale lending portfolios are £7,674m of loans backed by retail mortgage collateral.

#### Barclays Capital loans and advances held at fair value

Barclays Capital loans and advances held at fair value were £19,630m (2007: £18,259m). These assets are primarily made up of US RMBS whole loans and commercial real estate loans, £14,429m of which is discussed within the credit market exposures.

Table 3: Analysis of wholesale loans and advances net of impairment allowances

Wholesale	Corporate		Government		Settlement balance and cash collateral		Other wholesale		Total wholesale	
	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
BCB	67,741	64,773	659	279	–	–	–	–	68,400	65,052
Barclaycard	299	292	–	–	–	–	–	–	299	292
GRCB – Western Europe	15,017	10,721	32	4	–	–	151	139	15,200	10,864
GRCB – Emerging Markets	5,283	3,276	1,709	1,193	–	–	437	285	7,429	4,754
GRCB – Absa	8,480	5,204	28	5	–	–	–	–	8,508	5,209
Barclays Capital	72,796	51,038	3,760	1,220	79,418	46,639	50,826	36,671	206,800	135,568
BGI	834	211	–	–	–	–	–	–	834	211
Barclays Wealth	3,254	2,738	–	–	–	–	–	–	3,254	2,738
Head office	949	1,209	–	–	–	–	–	–	949	1,209
<b>Total</b>	<b>174,653</b>	<b>139,462</b>	<b>6,188</b>	<b>2,701</b>	<b>79,418</b>	<b>46,639</b>	<b>51,414</b>	<b>37,095</b>	<b>311,673</b>	<b>225,897</b>

Table 4: Analysis of Barclays Capital's loans and advances at amortised cost

As at 31st December 2008	Gross loans and advances £m	Impairment allowance £m	Loans and advances net of impairment £m	Credit risk Loans £m	CRLs % of gross loans and advances %	Impairment charge £m	Loan loss rates basis points
<b>Loans and advances bank</b>							
Cash collateral and settlement balances	19,264	–	19,264	–	–	–	–
Interbank lending	24,086	51	24,035	48	0.2	40	17
<b>Loans and advances to customers</b>							
Corporate lending	77,042	486	76,556	1,100	1.4	305	40
ABS CDO Super Senior	4,117	1,013	3,104	4,117	100.0	1,383	3,359
Other wholesale lending	23,933	246	23,687	478	2.0	208	87
Cash collateral and settlement balances	60,154	–	60,154	–	–	–	–
<b>Total</b>	<b>208,596</b>	<b>1,796</b>	<b>206,800</b>	<b>5,743</b>	<b>2.8</b>	<b>1,936</b>	<b>93</b>

# Credit Risk Management

## Loans and advances

### Analysis of Barclays Commercial Bank loans and advances

The tables below analyse the industry split of Barclays Commercial Bank loans and advances after impairment allowance of £504m. The loan book consists of both loans and advances held at amortised cost and loans and advances held at fair value.

Loans and advances held at fair value were £12,966m as at 31st December 2008. Of these, £12,360m related to government, local authority and social housing. Fair value exceeds amortised cost by £3,018m. Fair value is calculated using a valuation model with reference

to observable market inputs and is matched by offsetting fair value movements on hedging instruments. The underlying nominal portfolio increased 47% in 2008.

Property balances within loans and advances at amortised cost and held at fair value totalled £16,351m, of which £8,795m related to social housing.

The weighted average of the drawn balance loss given default, for all of the above loans and advances, was 31%.

**Table 5: Analysis of Barclays Commercial Bank loans and advances**

#### Loans and advances to banks at amortised cost

	Total £m
Financial institutions and services	867
<b>Total</b>	<b>867</b>

#### Loans and advances to customers at amortised cost

	Total £m
Business and other services	16,611
Construction	3,974
Energy and water	1,112
Financial institutions and services	6,427
Finance Lease receivables	6,644
Manufacturing	8,378
Postal and communications	1,303
Property	8,985
Transport	2,014
Wholesale and retail distribution and leisure	11,426
Government	659
<b>Total</b>	<b>67,533</b>

#### Loans and advances held at fair value

	Total £m
Business and other services	535
Construction	39
Financial institutions and services	32
Property	7,366
Government	4,994
<b>Total</b>	<b>12,966</b>

**Barclays Commercial Bank financial sponsor leveraged finance**

As at 31st December 2008, the exposure relating to financial sponsor related leveraged finance loans in Barclays Commercial Bank was £2,445m, of which £1,875m related to drawn amounts recorded in loans and advances.

**Table 6: Barclays Commercial Bank financial sponsor leveraged finance****Leveraged finance exposure by region**

<b>As at 31st December 2008</b>	<b>£m</b>
UK	2,111
Europe	323
Other	11
Total lending and commitments	2,445
Underwriting	28
<b>Total exposure</b>	<b>2,473</b>

The industry classification of the exposure was as follows:

**Leveraged finance exposure by industry**

<b>As at 31st December 2008</b>	<b>Drawn £m</b>	<b>Undrawn £m</b>	<b>Total £m</b>
Business and other services	1,083	288	1,371
Construction	12	5	17
Energy and water	43	17	60
Financial institutions and services	58	10	68
Manufacturing	307	130	437
Postal and communications	35	2	37
Property	26	5	31
Transport	14	43	57
Wholesale and retail distribution and leisure	297	70	367
<b>Total exposure</b>	<b>1,875</b>	<b>570</b>	<b>2,445</b>



# Credit Risk Management

## Loans and advances

## Retail loans and advances

Gross Loans and Advances to retail customers grew 24% to £201,588m (31st December 2007: £162,081m). The principal drivers were GRCB – Western Europe, UK Retail Banking, and Barclaycard. The GRCB – Western Europe retail portfolio grew by £14,436m (59%) to £38,918m, largely driven by home loans in Spain and Italy, and the appreciation of the Euro against Sterling. The UK Retail Banking portfolio increased by £12,319m (15%) to £96,083m, primarily driven by UK home loans. The Barclaycard Retail portfolios grew by £8,866m (43%) to £29,390m, with growth across the US, UK and Barclaycard's other European card portfolios.

Total home loans to retail customers grew by 27% to £135,077m, driven by the 58% rise in GRCB – Western Europe, reflecting currency movements and book growth. The UK home finance portfolios within UK Retail Banking grew 18% to £82,303m (31st December 2007: £69,805m).

Unsecured retail credit (credit card and unsecured loans) portfolios grew 43% to £38,856m (31st December 2007: £27,256m), principally as a result of growth in Barclaycard US and GRCB – Western Europe as well as the acquisition of Goldfish in the UK.

**Table 7: Retail loans and advances net of impairment allowances**

	Gross loans and advances £m	Impairment allowance £m	Loans and advances net of impairment £m	Credit risk Loans £m	CRLs % of gross loans and advances %	Impairment charge £m	Loan loss rates basis points
<b>As at 31st December 2008</b>							
UK Retail Banking	96,083	1,134	94,949	2,403	2.50	602	63
Barclaycard	29,390	1,677	27,713	2,566	8.70	1,086	370
GRCB – Western Europe	38,918	302	38,616	794	2.00	171	44
GRCB – Emerging Markets	4,083	191	3,892	179	4.40	130	318
GRCB – Absa	24,677	411	24,266	1,518	6.20	328	133
Barclays Wealth	8,437	24	8,413	48	0.60	16	19
<b>Total</b>	<b>201,588</b>	<b>3,739</b>	<b>197,849</b>	<b>7,508</b>	<b>3.70</b>	<b>2,333</b>	<b>116</b>
<b>As at 31st December 2007</b>							
UK Retail Banking	83,764	1,005	82,759	2,063	2.50	559	67
Barclaycard	20,524	1,093	19,431	1,601	7.80	818	399
GRCB – Western Europe	24,482	81	24,401	250	1.00	57	23
GRCB – Emerging Markets	1,881	44	1,837	67	3.60	29	154
GRCB – Absa	24,994	235	24,759	499	2.00	135	54
Barclays Wealth	6,436	2	6,434	4	0.10	7	11
<b>Total</b>	<b>162,081</b>	<b>2,460</b>	<b>159,621</b>	<b>4,484</b>	<b>2.80</b>	<b>1,605</b>	<b>99</b>

**Table 8: Analysis of retail loans and advances net of impairment allowances**

	Home loans		Cards and unsecured loans		Other retail		Total retail	
	2008 £m	2007 £m	2008 £m	2007 £m	2008 £m	2007 £m	2008 £m	2007 £m
UK Retail Banking	82,303	69,805	8,294	8,297	4,352	4,657	94,949	82,759
Barclaycard	–	–	23,224	14,930	4,489	4,501	27,713	19,431
GRCB – Western Europe	33,760	21,393	4,395	2,660	461	348	38,616	24,401
GRCB – Emerging Markets	603	285	2,900	1,369	389	183	3,892	1,837
GRCB – Absa	18,411	15,136	43	–	5,812	9,623	24,266	24,759
Barclays Wealth	–	–	–	–	8,413	6,434	8,413	6,434
<b>Total</b>	<b>135,077</b>	<b>106,619</b>	<b>38,856</b>	<b>27,256</b>	<b>23,916</b>	<b>25,746</b>	<b>197,849</b>	<b>159,621</b>

## Home Loans

The Group's principal home loans portfolios continue to be in the UK Retail Banking Home Finance business (61% of the Group's total), GRCB – Western Europe (25%) primarily Spain, and South Africa (14%). During the year, the Group managed the risk profile of these portfolios by strengthening underwriting criteria and reducing the maximum loan to value (LTV) ratios, with greater discrimination between purchases and remortgages and, within the UK buy to let (BTL) segment, between portfolio customers and single property investors.

Credit quality of the principal home loan portfolios reflected relatively low levels of high LTV lending. The LTVs on the Group's principal home loan portfolios are shown in table 9. Using recent valuations, the LTV of the portfolios as at 31st December 2008 was 40% for UK Retail Banking's mortgage business, 48% for the Spanish mortgage portfolio within GRCB – Western Europe and 41% for GRCB – Absa's mortgage portfolio in South Africa. The average LTV for new mortgage business during 2008 at origination for these portfolios was 47% for the UK, 63% for Spain and 58% for South Africa. The percentage of balances with an LTV of over 85% based on current values was 10% for the UK, 5% for Spain and 25% for South Africa. In the UK, BTL mortgages comprised 6.8% the total stock.

Impairment charges rose across the home loan portfolios, reflecting the impact of lower house prices as well as some increase in arrears rates. Three-month arrears as at 31st December 2008 were 0.91% for UK

mortgages, 0.76% for Spain and 2.11% for South Africa. To support the Group's risk profile, we increased collections staff across the businesses and improved operational practices to boost effectiveness.

## Credit Cards and Unsecured Loans

The Group's largest card and unsecured loan portfolios are in the UK (47% of Group total). The US accounts for 19%, where Barclaycard's portfolio is largely Prime credit quality (FICO score of 660 or more). To address the impact of economic deterioration and the impact of weaker labour markets on the unsecured portfolios in 2008, the Group used a range of measures to improve new customer quality and control the risk profile of existing customers.

In the UK Cards portfolio, initial credit lines were made more conservative, followed by selective credit limit increases using more accurately assessed customer behaviour. The overall number of credit limit increases were reduced by strengthening qualification criteria and a proportion of higher-risk dormant accounts were closed. Arrears rates in the UK Cards portfolio fell slightly during the year, reflecting measures taken to improve customer quality in 2007 and 2008. Repayment Plan balances grew to support government initiatives to supply relief to customers experiencing financial difficulty. Payment rates in repayment plans remained relatively stable.

As a percentage of the portfolio, three-month arrears rates rose during 2008 to 1.87% for UK Loans and 2.15% for US Cards. The rate reduced to 1.28% for UK Cards.

Table 9: Home loans – distribution of balances by loan to value (mark to market)<sup>a</sup>

	UK		Spain		South Africa	
	2008	2007	2008	2007	2008	2007
	%	%	%	%	%	%
<= 75%	78.2	90.1	86.7	92.2	60.5	68.6
> 75% and <= 80%	6.1	4.7	4.8	4.2	7.5	7.2
> 80% and <= 85%	5.5	2.5	3.7	1.6	7.2	7.1
> 85% and <= 90%	4.5	1.5	1.6	0.7	7.6	5.9
> 90% and <= 95%	2.5	0.9	1.3	0.6	6.7	6.1
> 95%	3.1	0.3	1.9	0.7	10.5	5.1
Portfolio loan-to-value (mark to market)	40	34	48	45	41	38
Average loan-to-value on new mortgages during the year	47	49	63	63	58	59

Table 10: Home loans three-month arrears<sup>a, b</sup>

	As at	As at	As at
	31.12.08	30.06.08	31.12.07
	%	%	%
UK	0.91	0.70	0.63
Spain	0.76	0.46	0.24
South Africa	2.11	0.96	0.25

Table 11: Unsecured lending three-month arrears<sup>c</sup>

	As at	As at	As at
	31.12.08	30.06.08	31.12.07
	%	%	%
UK Cards	1.28	1.36	1.36
UK Loans	1.87	1.40	1.35
US Cards	2.15	2.08	1.83

## Note

- a Based on the following portfolios: UK: UKRB Residential Mortgage and Buy to Let portfolios; Spain: GRCB – Western Europe Spanish retail home finance portfolio; South Africa: GRCB – Absa retail home finance portfolio.
- b Defined as total 90 day + delinquent balances as a percentage of outstandings.
- c Defined as total 90 day + delinquent balances as a percentage of outstandings. Excludes legal and repayment plans. UK Cards based on Barclaycard Branded Cards, excluding Goldfish. UK Loans based on Barclayloan. US cards excludes Business Card and US Airways portfolios.

# Credit Risk Management

## Monitoring weaknesses in exposures

Barclays actively manages its credit exposures. When weaknesses in exposures are detected – either in individual exposures or in groups of exposures – the Group takes action to mitigate the risks. Such actions may, for example, include: reducing the amounts outstanding (in discussion with the customers, clients or counterparties if appropriate); using credit derivatives securitising the assets; and, on occasion, selling them.

Corporate accounts that are deemed to contain heightened levels of risk are recorded on graded early warning or watch lists comprising three categories graded in line with the perceived severity of the risk attached to the lending, and its probability of default. These are updated monthly and circulated to the relevant risk control points. Once listing has taken place, exposure is very carefully monitored and, where appropriate, exposure reductions are effected.

Should an account become impaired, it will normally, but not necessarily, have passed through all three categories, which reflect the need for ever-increasing caution and control. Where an obligor's financial health gives grounds for concern, it is immediately placed into the appropriate

category. All obligors, regardless of financial health, are subject to a full review of all facilities on, at least, an annual basis. More frequent interim reviews may be undertaken should circumstances dictate.

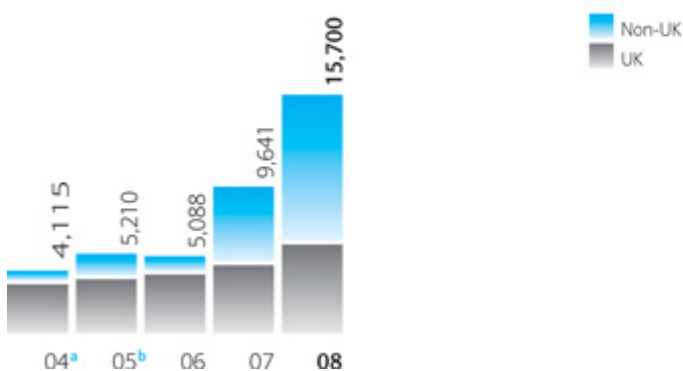
Warning list balances rose throughout the year as wholesale credit conditions deteriorated across the regions in which Barclays operates.

Within Local Business, accounts that are deemed to have a heightened level of risk, or that exhibit some unsatisfactory features which could affect viability in the short/medium term, are transferred to a separate 'Caution' stream. Accounts on the Caution stream are reviewed on at least a quarterly basis, at which time consideration is given to continuing with the agreed strategy, returning the customer to a lower risk refer stream, or instigating recovery/exit action.

Within the personal portfolios, which tend to comprise homogeneous assets, statistical techniques more readily allow potential weaknesses to be monitored on a portfolio basis. This applies in parts of UK Retail Banking, Barclays Wealth, GRCB's international retail portfolios and Barclaycard. The approach is consistent with the Group's policy of raising a collective impairment allowance as soon as objective evidence of impairment is identified.

## CRLs and PPLs balances by UK and non-UK

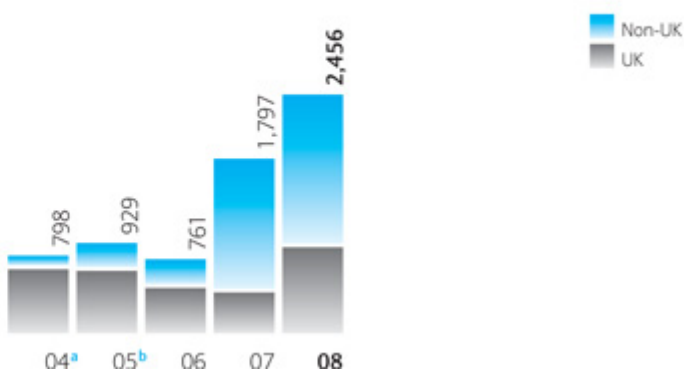
Fig. 5: CRLs balances by UK and non-UK £m



### Notes

- a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.
- b From 1st January 2005, the application of IAS 39 required interest to be recognised on the remaining balance of an impaired financial asset (or group of financial assets) at the effective interest rate for that asset. As a result, interest is credited to the income statement

Fig. 6: PPLs balances by UK and non-UK £m



in relation to impaired loans; therefore these loans technically are not classified as 'non-accrual'. In 2005, the Group replaced the 'non-accrual' category with one termed 'impaired loans'. The SEC requires loans to be classified, where applicable, as non-accrual, accruing past due 90 days or more, 'troubled debt restructurings' and potential problem loans.

### Potential credit risk loans

In line with disclosure requirements from the Securities Exchange Commission (SEC) in the US, if the credit quality of a loan on an early warning or watch list deteriorates to the highest category, consideration is given to including it within the Potential Problem Loan (PPL) list. PPLs are loans where payment of principal and interest is up to date but where serious doubt exists as to the ability of the borrowers to continue to comply with repayment terms in the near future.

Should further evidence of deterioration be observed, a loan may move to the Credit Risk Loan (CRL) category as required by the SEC. Events that would trigger the transfer of a loan from the PPL to the CRL category could include a missed payment or a breach of covenant.

CRLs comprise three classes of loans:

- 'Impaired loans' comprise loans where individual identified impairment allowance has been raised and also include loans which are fully collateralised or where indebtedness has already been written down to the expected realisable value. The impaired loan category may include loans, which, while impaired, are still performing.
- The category 'accruing past due 90 days or more' comprises loans that are 90 days or more past due as to principal or interest. An impairment allowance will be raised against these loans if the expected cash flows discounted at the effective interest rate are less than the carrying value.
- The category 'impaired and restructured loans' comprises loans not included above where, for economic or legal reasons related to the

debtor's financial difficulties, a concession has been granted to the debtor that would not otherwise be considered. Where the concession results in the expected cash flows discounted at the effective interest rate being less than the loan's carrying value, an impairment allowance will be raised.

In 2007, the term Credit Risk Loans replaced the term Non-Performing Loans (NPLs) as the collective term for the total of these three classes to recognise the fact that the impaired loan category may include loans which, while impaired, are still performing. This category includes drawn ABS CDO Super Senior positions.

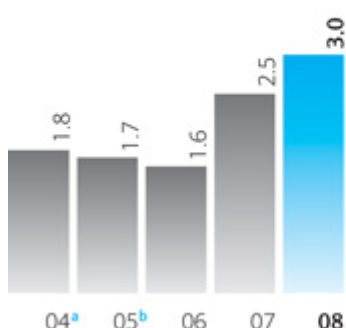
Potential Credit Risk Loans (PCRLs) comprise PPLs and CRLs. Figures 5 and 6 show CRL and PPL balances by UK and non-UK. The amounts are shown before deduction of value of security held, impairment allowances (from 2005 onwards) and provisions or interest suspense (2004), all of which might reduce the impact of an eventual loss, should it occur. The significant increase to non-UK CRL and PPL balances, in 2007 and 2008, is principally due to the inclusion of US-located ABS CDO Super Senior positions and other credit market exposures.

### Credit Risk Loans

In 2008, CRLs rose 63% to £15,700m (2007: £9,641m). Balances were higher in all businesses as credit conditions deteriorated across Barclays areas of operations and total loans and advances grew. The most notable increases were in Barclays Capital and the non-UK businesses in Global Retail and Commercial Banking.

### CRLs and PPLs as a percentage of Loans and Advances

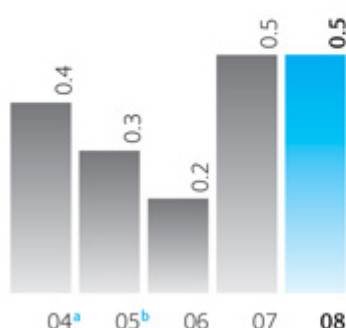
Fig. 7: CRLs/Loans and Advances Ratio %



#### Notes

- Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.
- From 1st January 2005, the application of IAS 39 required interest to be recognised on the remaining balance of an impaired financial asset (or group of financial assets) at the effective interest rate for that asset. As a result, interest is credited to the income statement

Fig. 8: PPLs/Loans and Advances Ratio %



in relation to impaired loans; therefore these loans technically are not classified as 'non-accrual'. In 2005, the Group replaced the 'non-accrual' category with one termed 'impaired loans'. The SEC requires loans to be classified, where applicable, as non-accrual, accruing past due 90 days or more, 'troubled debt restructurings' and potential problem loans.

## Credit risk management

### Loans and advances

CRLs in retail secured mortgage products increased by £1,309m (89%) to £2,783m (2007: £1,474m). The key driver was Absa Home Finance where balances increased significantly as a result of higher interest rates and increasing consumer indebtedness. Increases were also seen in UK Home Finance, reflecting weakening UK house prices and the slowing economy, and in Spain, as economic conditions deteriorated.

CRLs in the unsecured and other retail portfolios increased by £1,715m (57%) to £4,725m (2007: £3,010m). The key drivers for this increase were: Absa, which was impacted by higher interest rates and increasing consumer indebtedness, Barclaycard US, due to deteriorating credit conditions which resulted in rising delinquency rates, asset growth and exchange rate movements, and Spain, as economic conditions deteriorated and consumer indebtedness increased.

Corporate/Wholesale CRLs, excluding ABS CDO Super Senior positions, increased by £2,262m (125%) to £4,075m (2007: £1,813m). The key drivers were: Barclays Capital following a number of credit downgrades; increasing default probabilities; and Spain, primarily due to increases to the property-related names. Balances also increased in Barclays Commercial Bank and Absa Commercial and Banking Business as corporate credit conditions deteriorated, particularly in the last quarter of 2008.

CRLs on ABS CDO Super Senior positions increased £773m (23%) to £4,117m (2007: £3,344m). The majority of this increase resulted from a migration of assets, totalling £801m, from potential problem loans (PPLs) to CRLs.

### Potential Problem Loans

Balances within the Group's potential problem loans (PPLs) category rose by £659m to £2,456m (31st December 2007: £1,797m). The principal movements were in the corporate and wholesale portfolios, where PPLs rose £1,463m to £1,959m (31st December 2007: £496m) as credit conditions deteriorated. This rise was offset by a fall in PPLs relating to ABS CDO positions, as those balances moved into the CRL category. Broadly flat PPLs from retail portfolios reflected methodology alignments affecting GRCB – Absa which transferred balances of just over £200m previously reported as PPLs to CRLs. This was offset by rises in UK Retail Banking, GRCB – Western Europe and GRCB – Emerging Markets.

### Potential Credit Risk Loans

Combining CRLs and PPLs, total potential credit risk loans (PCRL) balances in the corporate and wholesale portfolios increased by 161% in 2008 to £6,034m (31st December 2007: £2,309m) as a number of names migrated into the CRL and PPL categories, reflecting higher default probabilities in the deteriorating global wholesale environment. PCRLs relating to ABS CDO positions remained stable at £4,117m (31st December 2007: £4,145m).

Total retail PCRL balances increased 61% to £8,005m (31st December 2007: £4,984m) as delinquency rates rose across a number of secured and unsecured portfolios following a deterioration in credit conditions, particularly in the UK, US, Spain and South Africa.

Group PCRL balances rose 59% to £18,156m (31st December 2007: £11,438m). Excluding ABS CDO Super Senior positions, PCRLs increased 92% to £14,039m (31st December 2007: £7,293m).

Table 12: Potential credit risk loans and coverage ratios

	CRLs		PPLs		PCRLs	
	31.12.08	31.12.07	31.12.08	31.12.07	31.12.08	31.12.07
Retail Secured	2,783	1,474	280	317	3,063	1,791
Retail Unsecured and other	4,725	3,010	217	183	4,942	3,193
<b>Retail</b>	<b>7,508</b>	<b>4,484</b>	<b>497</b>	<b>500</b>	<b>8,005</b>	<b>4,984</b>
<b>Corporate/Wholesale (excl ABS)</b>	<b>4,075</b>	<b>1,813</b>	<b>1,959</b>	<b>496</b>	<b>6,034</b>	<b>2,309</b>
<b>Group (excl ABS)</b>	<b>11,583</b>	<b>6,297</b>	<b>2,456</b>	<b>996</b>	<b>14,039</b>	<b>7,293</b>
ABS CDO Super Senior	4,117	3,344	–	801	4,117	4,145
<b>Group</b>	<b>15,700</b>	<b>9,641</b>	<b>2,456</b>	<b>1,797</b>	<b>18,156</b>	<b>11,438</b>

	Impairment allowance		CRL coverage		PCRL coverage	
	31.12.08	31.12.07	31.12.08	31.12.07	31.12.08	31.12.07
Retail Secured	561	320	20.2%	21.7%	18.3%	17.9%
Retail Unsecured and other	3,178	2,140	67.3%	71.1%	64.3%	67.0%
<b>Retail</b>	<b>3,739</b>	<b>2,460</b>	<b>49.8%</b>	<b>54.9%</b>	<b>46.7%</b>	<b>49.4%</b>
<b>Corporate/Wholesale (excl ABS)</b>	<b>1,822</b>	<b>1,022</b>	<b>44.7%</b>	<b>56.4%</b>	<b>30.2%</b>	<b>44.3%</b>
<b>Group (excl ABS)</b>	<b>5,561</b>	<b>3,482</b>	<b>48.0%</b>	<b>55.3%</b>	<b>39.6%</b>	<b>47.7%</b>
ABS CDO Super Senior	1,013	290	24.6%	8.7%	24.6%	7.0%
<b>Group</b>	<b>6,574</b>	<b>3,772</b>	<b>41.9%</b>	<b>39.1%</b>	<b>36.2%</b>	<b>33.0%</b>

### Impairment Allowances and Coverage Ratios

In 2008, impairment allowances increased 74% to £6,574m (31st December 2007: £3,772m). Excluding ABS CDO Super Senior positions, allowances increased by 60% to £5,561m (31st December 2007: £3,482m). Allowances increased in all businesses as credit conditions deteriorated, but most notably in Barclays Capital and GRCB's international portfolios.

Reflecting this 74% rise in impairment allowance compared with the 63% rise in total CRLs, the Group's CRL coverage ratio rose to 41.9% (31st December 2007: 39.1%). Coverage ratios for PCRLs rose to 36.2% (31st December 2007: 33.0%).

The largest driver for these increases was the near four-fold increase in the impairment held against ABS CDO Super Senior positions as the LGD of these assets increased.

Allowance coverage ratios of CRLs and PCRLs excluding the drawn ABS CDO Super Senior positions decreased to 48.0% (31st December 2007: 55.3%) and 39.6% (31st December 2007: 47.7%), respectively. These movements in coverage ratios reflected:

- An increase in CRLs and PCRLs in the well-secured home loan portfolios.
- Higher CRLs and PCRLs in the corporate sector, where the recovery outlook is relatively high.
- Increased early-cycle delinquent balances in the retail unsecured portfolios, as credit conditions worsened. These earlier-cycle balances, which tend to attract relatively lower impairment requirements, have increased as a proportion of the total delinquent balances.

The decrease in the PCRL coverage ratio, excluding the drawn ABS CDO Super Senior positions, was also driven by the overall increase in PPLs as a proportion of total PCRLs. Since, by definition, PPLs attract lower

levels of impairment than CRLs, a higher proportion of PPLs in total PCRLs will tend to lower the overall coverage ratio.

### Allowances for impairment and other credit provisions

Barclays establishes, through charges against profit, impairment allowances and other credit provisions for the incurred loss inherent in the lending book.

Under IFRS, impairment allowances are recognised where there is objective evidence of impairment as a result of one or more loss events that have occurred after initial recognition, and where these events have had an impact on the estimated future cash flows of the financial asset or portfolio of financial assets. Impairment of loans and receivables is measured as the difference between the carrying amount and the present value of estimated future cash flows discounted at the financial asset's original effective interest rate. If the carrying amount is less than the discounted cash flows, then no further allowance is necessary.

Impairment is measured individually for assets that are individually significant, and collectively where a portfolio comprises homogenous assets and where appropriate statistical techniques are available.

In terms of individual assessment, the trigger point for impairment is formal classification of an account as exhibiting serious financial problems and where any further deterioration is likely to lead to failure. Two key inputs to the cash flow calculation are the valuation of all security and collateral, as well as the timing of all asset realisations, after allowing for all attendant costs. This method applies in the corporate portfolios – Barclays Commercial Bank, Barclays Capital and certain areas within GRCB's international portfolios and Barclaycard.

For collective assessment, the trigger point for impairment is the missing of a contractual payment. The impairment calculation is based on a roll-rate approach, where the percentage of assets that move from the initial delinquency to default are derived from statistical probabilities based on experience. Recovery amounts and contractual interest rates are

Fig. 9: Impairment/provisions coverage of CRLs % (including drawn ABS CDO Super Senior positions)

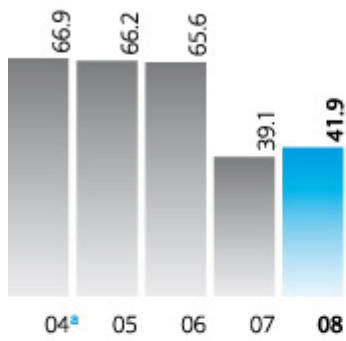


Fig. 10: Impairment/provisions coverage of PCRLs % (including drawn ABS CDO Super Senior positions)

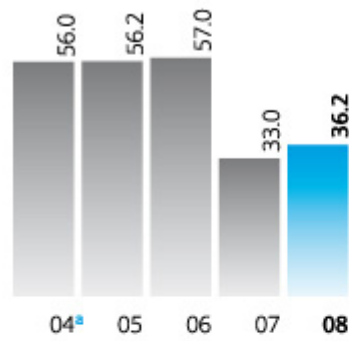


Fig. 11: Impairment/provisions coverage of CRLs % (excluding drawn ABS CDO Super Senior positions)

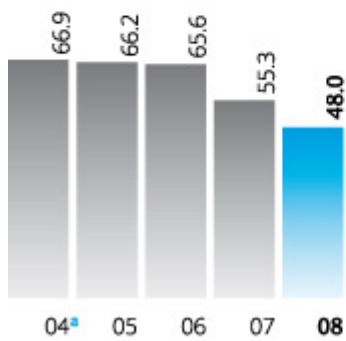
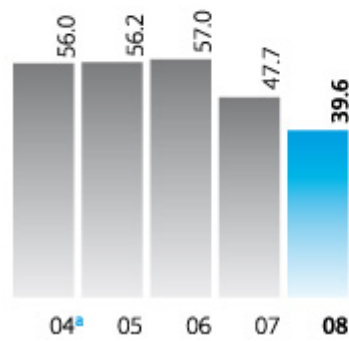


Fig. 12: Impairment/provisions coverage of PCRLs % (excluding drawn ABS CDO Super Senior positions)



Notes

- a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.



# Credit Risk Management

## Loans and advances

calculated using a weighted average for the relevant portfolio. This method applies to parts of GRCB's international portfolios, Barclaycard and UK Retail Banking and is consistent with Barclays policy of raising an allowance as soon as impairment is identified.

Unidentified impairment allowances, albeit significantly lower in amount than those reported above, are also raised to cover losses which are judged to be incurred but not yet specifically identified in customer exposures at the balance sheet date, and which, therefore, have not been specifically reported.

The incurred but not yet reported calculation is based on the asset's probability of moving from the performing portfolio to being specifically identified as impaired within the given emergence period and then on to default within a specified period. This is calculated on the present value of estimated future cash flows discounted at the financial asset's original effective interest rate.

The emergence periods vary across businesses and are based on actual experience and are reviewed on an annual basis. This methodology ensures that the Group only captures the loss incurred at the balance sheet date.

These impairment allowances are reviewed and adjusted at least quarterly by an appropriate charge or release of the stock of impairment allowances based on statistical analysis and management judgement.

Where appropriate, the accuracy of this analysis is periodically assessed against actual losses.

As one of the controls of ensuring that adequate impairment allowances are held, movements in impairment allowances to individual names above £10m are presented to the Credit Committee for agreement.

### Impairment charges and other credit provisions in 2008

In 2008, total impairment charges increased 94% (£2,624m) to £5,419m (2007: £2,795m). This figure included impairment charges of £506m

(2007: £13m) on available for sale assets and reverse repurchase agreements.

Impairment charges on loans and advances and other credit provisions increased 77% (£2,131m) to £4,913m (2007: £2,782m) (see table 1 on page 76) reflecting charges of £1,763m against ABS CDO Super Senior and other credit market exposures and increased impairment in the international portfolios within Global Retail and Commercial Banking. Total loans and advances grew 33% to £516,096m (31st December 2007: £389,290m). As a result, impairment charges on loans and advances and other credit provisions as a percentage of period end Group total loans and advances increased to 0.95% (2007: 0.71%).

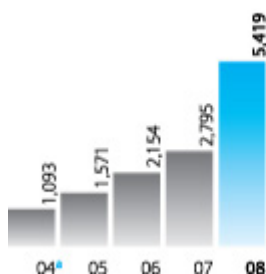
In the retail portfolios, impairment charges on loans and advances and other credit provisions rose 45% (£728m) to £2,333m (2007: £1,605m) (see table 1 on page 76) principally as a consequence of increased impairment in the international portfolios, whilst total loans and advances increased 24% to £201,588m (31st December 2007: £162,081m). As a result, impairment charges as a percentage of period end total loans and advances increased to 1.16% (2007: 0.99%).

In the wholesale and corporate portfolios, impairment charges on loans and advances and other credit provisions rose by 119% (£1,403m) to £2,580m (2007: £1,177m) (see table 1 on page 76) whilst total loans and advances increased 38% to £314,508m (31st December 2007: £227,209m). As a result, impairment charges as a percentage of period end total loans and advances increased to 0.82% (2007: 0.52%).

### Global Retail and Commercial Banking

Impairment charges in UK Retail Banking increased £43m to £602m (2007: £559m), reflecting growth in the book and deteriorating economic conditions. In UK Home Finance, whilst three month arrears increased from 0.63% to 0.91%, the quality of the book and conservative loan to value ratios meant that the impairment charges and amounts charged off remained low at £24m (2007: £3m release). Impairment charges in Consumer Lending increased 3% reflecting the current economic environment and loan growth.

Fig. 13: Impairment/provisions charges over five years £m



### Note

- a 2004 does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

Table 13: Impairment Charges and Other Credit Provisions

	Year Ended 31.12.08 £m	Year Ended 31.12.07 £m
UK Retail Banking	602	559
Barclays Commercial Bank	414	292
Barclaycard	1,097	827
GRCB – Western Europe	296	76
GRCB – Emerging Markets	166	39
GRCB – Absa	347	146
Barclays Capital	419	64
Barclays Wealth	44	7
Head office functions and other operations	11	3
<b>Group Total</b>	<b>3,396</b>	<b>2,013</b>
ABS CDO Sub-Prime and other credit		
Market Provisions	1,763	782
<b>Group Total (Including ABS CDO)</b>	<b>5,159</b>	<b>2,795</b>
Other AFS Assets and Reverse Repos	260	–
<b>Group Total (Including ABS CDO and AFS/Reverse Repos)</b>	<b>5,419</b>	<b>2,795</b>

The impairment charge in Barclays Commercial Bank increased £122m to £414m (2007: £292m), primarily reflecting higher impairment losses in Larger Business, particularly in the final quarter as the UK corporate credit environment deteriorated.

The impairment charge in Barclaycard increased £270m (33%) to £1,097m (2007: £827m), reflecting higher charges in Barclaycard International portfolios, particularly Barclaycard US which was driven by loan growth, rising delinquency due to deteriorating economic conditions and exchange rate movements; and £68m from the inclusion of Goldfish. These factors were partially offset by lower charges in UK Cards and secured consumer lending.

Impairment charges in GRCB – Western Europe increased £220m to £296m (2007: £76m) principally due to deteriorating economic trends and asset growth in Spain, where there were higher charges in the commercial portfolios as a consequence of the slowdown in the property and construction sectors. In addition higher household indebtedness and rising unemployment has driven up delinquency and charge-offs in the personal sector.

Impairment charges in GRCB – Emerging Markets increased £127m to £166m (2007: £39m), reflecting: weakening credit conditions which adversely impacted delinquency trends in the majority of the retail portfolios; asset growth, particularly in India; and increased wholesale impairment in Africa.

Impairment charges in GRCB – Absa increased £201m to £347m (2007: £146m) as a result of rising delinquency levels in the retail portfolios, which have been impacted by rising interest and inflation rates and increasing consumer indebtedness.

#### Investment Banking and Investment Management

Barclays Capital impairment charges of £2,423m (2007: £846m) included a charge of £1,763m (2007: £782m) against ABS CDO Super Senior and other credit market positions. Further impairment charges of £241m were incurred in respect of available for sale assets and reverse repurchase

agreements (2007: £nil). Other impairment charges increased £355m to £419m (2007: £64m) and primarily related to charges in the private equity and other loans business.

The impairment charge in Barclays Wealth increased £37m to £44m (2007: £7m) from a very low base. This increase reflected both the substantial increase in the loan book over the last three years and the impact of the current economic environment on client liquidity and collateral values.

The impairment charge in Head Office Functions and Other Operations increased £8m to £11m (2007: £3m) mainly reflecting losses on Floating Rate Notes held for hedging purposes. An additional £19m (2007: £nil) of impairment charges were incurred on available for sale assets.

#### Writing-off of assets

After an advance has been identified as impaired and is subject to an impairment allowance, the stage may be reached whereby it is concluded that there is no realistic prospect of further recovery. Write-off will occur when, and to the extent that, the whole or part of a debt is considered irrecoverable.

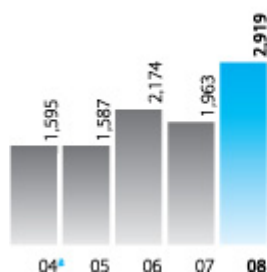
The timing and extent of write-offs may involve some element of subjective judgement. Nevertheless, a write-off will often be prompted by a specific event, such as the inception of insolvency proceedings or other formal recovery action, which makes it possible to establish that some or the entire advance is beyond realistic prospect of recovery. In any event, the position of impaired loans is reviewed at least quarterly to ensure that irrecoverable advances are being written off in a prompt and orderly manner and in compliance with any local regulations.

Such assets are only written off once all the necessary procedures have been completed and the amount of the loss has been determined.

Subsequent recoveries of amounts previously written off are written back and hence decrease the amount of the reported loan impairment charge in the income statement.

Total write-offs of impaired financial assets increased by £956m to £2,919m (2007: £1,963m).

Fig. 14: Total write-offs of impaired financial assets Em



#### Note

- a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

# Credit risk management

## Risk Tendency

In 2008, Risk Tendency increased 58% (£1,355m) to £3,710m (31st December 2007: £2,355m), compared with 32% growth in the Group's loans and advances balances. This was reflective of the higher credit risk profile, weakening credit conditions across our main businesses, and changing mix, as a consequence of planned growth, in a number of businesses and portfolios. Risk Tendency in 2008 also increased as a result of the weakening of Sterling against a number of other foreign currencies, including the US Dollar and the Euro.

UK Retail Banking Risk Tendency increased £50m to £520m (31st December 2007: £470m). This reflected a higher risk profile in the unsecured and secured loans portfolios, weakening UK credit conditions, and asset growth, primarily in the Home Finance portfolio.

Risk Tendency in Barclays Commercial Bank increased £95m to £400m (31st December 2007: £305m). This reflected the deteriorating UK corporate credit environment and asset growth.

Barclaycard Risk Tendency increased £520m to £1,475m (31st December 2007: £955m) primarily reflecting the inclusion of new business acquisitions (£260m) as well as asset growth, exchange rate movements, and the economic conditions in the US. Risk Tendency in the UK Cards portfolio remained stable as improvements in portfolio quality were offset by deterioration in the UK economic environment.

Risk Tendency at GRCB – Western Europe increased £135m to £270m (31st December 2007: £135m) principally reflecting weakening credit conditions across Europe, particularly in Spain, asset growth and movements in the Euro/Sterling exchange rate.

Risk Tendency at GRCB – Emerging Markets increased £210m to £350m (31st December 2007: £140m) reflecting weakening credit conditions across the majority of regions, a change in the risk profile following a broadening of the product offering through new product launches and new market entry in India and UAE, and asset growth.

Risk Tendency at GRCB – Absa increased £65m to £255m (31st December 2007: £190m) reflecting weakening retail and, to a lesser extent, corporate credit conditions in South Africa and asset growth and movements in the Rand/Sterling exchange rate.

Risk Tendency in Barclays Capital increased £275m to £415m (31st December 2007: £140m) reflecting credit downgrades and asset growth. The drawn liquidity facilities on ABS CDO Super Senior positions are classified as credit risk loans and therefore no Risk Tendency is calculated on them.

Risk Tendency at Barclays Wealth increased £10m to £20m (31st December 2007: £10m) reflecting a weakening credit risk profile and asset growth.

## Risk Tendency by business £m



## Notes

- a Excludes ABS CDO Super Senior positions as these are classified as credit risk loans and therefore no Risk Tendency is calculated on them.
- b Head office functions and other operations comprise discontinued businesses in transition.

## Credit risk management

### Debt securities and other bills

The following table presents an analysis of the credit quality of debt and similar securities, other than loans held within the Group. Securities rated as investment grade amounted to 91.6% of the portfolio (2007: 88.0%).

	Treasury and other eligible bills £m	Debt securities £m	Total £m	%
<b>As at 31.12.08</b>				
<b>AAA to BBB- (investment grade)</b>	<b>7,314</b>	<b>198,493</b>	<b>205,807</b>	<b>91.6</b>
BB+ to B	1,233	15,309	16,542	7.4
B- or lower	–	2,343	2,343	1.0
<b>Total</b>	<b>8,547</b>	<b>216,145</b>	<b>224,692</b>	<b>100.0</b>
<b>Of which issued by:</b>				
– governments and other public bodies	8,547	73,881	82,428	36.7
– US agency	–	34,180	34,180	15.3
– mortgage and asset-backed securities	–	34,844	34,844	15.5
– corporate and other issuers	–	55,244	55,244	24.6
– bank and building society certificates of deposit	–	17,996	17,996	7.9
<b>Total</b>	<b>8,547</b>	<b>216,145</b>	<b>224,692</b>	<b>100.0</b>
<b>Of which classified as:</b>				
– trading portfolio assets	4,544	148,686	153,230	68.2
– financial instruments designated at fair value	–	8,628	8,628	3.8
– available-for-sale securities	4,003	58,831	62,834	28.0
<b>Total</b>	<b>8,547</b>	<b>216,145</b>	<b>224,692</b>	<b>100.0</b>

	Treasury and other eligible bills £m	Debt securities £m	Total £m	%
<b>As at 31.12.07</b>				
<b>AAA to BBB- (investment grade)</b>	<b>4,114</b>	<b>189,794</b>	<b>193,908</b>	<b>88.0</b>
BB+ to B	703	24,693	25,396	11.5
B- or lower	–	1,181	1,181	0.5
<b>Total</b>	<b>4,817</b>	<b>215,668</b>	<b>220,485</b>	<b>100.0</b>
<b>Of which issued by:</b>				
– governments and other public bodies	4,817	63,798	68,615	31.1
– US agency	–	13,956	13,956	6.3
– mortgage and asset-backed securities	–	28,928	28,928	13.1
– corporate and other issuers	–	88,207	88,207	40.0
– bank and building society certificates of deposit	–	20,779	20,779	9.5
<b>Total</b>	<b>4,817</b>	<b>215,668</b>	<b>220,485</b>	<b>100.0</b>
<b>Of which classified as:</b>				
– trading portfolio assets	2,094	152,778	154,872	70.2
– financial instruments designated at fair value	–	24,217	24,217	11.0
– available-for-sale securities	2,723	38,673	41,396	18.8
<b>Total</b>	<b>4,817</b>	<b>215,668</b>	<b>220,485</b>	<b>100.0</b>

## Credit risk management

### Derivatives

The use of derivatives and their sale to customers as risk management products are an integral part of the Group's trading activities. These instruments are also used to manage the Group's own exposure to fluctuations in interest, exchange rates and commodity and equity prices as part of its asset and liability management activities.

Barclays Capital manages the trading derivatives book as part of the market risk book. This includes foreign exchange, interest rate, equity, commodity and credit derivatives. The policies regarding market risk management are outlined in the market risk management section on pages 106-110.

Derivative instruments are contracts whose value is derived from one or more underlying financial instruments or indices defined in the contract. They include swaps, forward rate agreements, futures, options and combinations of these instruments and primarily affect the Group's net interest income, net trading income, net fee and commission income and derivative assets and liabilities. Notional amounts of the contracts are not recorded on the balance sheet.

The Group participates both in exchange traded and over the counter derivatives markets.

#### Exchange traded derivatives

The Group buys and sells financial instruments that are traded or cleared on an exchange, including interest rate swaps, futures and options on futures. Holders of exchange traded instruments provide margin daily with cash or other security at the exchange, to which the holders look for ultimate settlement.

#### Over the counter traded derivatives

The Group also buys and sells financial instruments that are traded over the counter, rather than on a recognised exchange.

These instruments range from commoditised transactions in derivative markets, to trades where the specific terms are tailored to the requirements of the Group's customers. In many cases, industry standard documentation is used, most commonly in the form of a master agreement, with individual transaction confirmations. The existence of a signed master agreement is intended to give the Group protection in situations where a counterparty is in default.

#### Foreign exchange derivatives

The Group's principal exchange rate related contracts are forward foreign exchange contracts, currency swaps and currency options. Forward foreign exchange contracts are agreements to buy or sell a specified quantity of foreign currency, usually on a specified future date at an agreed rate. A currency swap generally involves the exchange, or notional exchange, of equivalent amounts of two currencies and a commitment to exchange interest periodically until the principal amounts are re-exchanged on a future date.

Currency options provide the buyer with the right, but not the obligation, either to purchase or sell a fixed amount of a currency at a specified exchange rate on or before a future date. As compensation for assuming the option risk, the option writer generally receives a premium at the start of the option period.

#### Interest rate derivatives

The Group's principal interest rate related contracts are interest rate swaps, forward rate agreements, basis swaps, caps, floors and swaptions. Included in this product category are transactions that include combinations of these features.

An interest rate swap is an agreement between two parties to exchange fixed rate and floating rate interest by means of periodic payments based upon a notional principal amount and the interest rates defined in the contract. Certain agreements combine interest rate and foreign currency swap transactions, which may or may not include the exchange of principal amounts. A basis swap is a form of interest rate swap, in which both parties exchange interest payments based on floating rates, where the floating rates are based upon different underlying reference indices. In a forward rate agreement, two parties agree a future settlement of the difference between an agreed rate and a future interest rate, applied to a notional principal amount. The settlement, which generally occurs at the start of the contract period, is the discounted present value of the payment that would otherwise be made at the end of that period.

#### Credit derivatives

The Group's principal credit derivative-related contracts include credit default swaps and total return swaps. A credit derivative is an arrangement whereby the credit risk of an asset (the reference asset) is transferred from the buyer to the seller of protection.

A credit default swap is a contract where the protection seller receives premium or interest-related payments in return for contracting to make payments to the protection buyer upon a defined credit event. Credit events normally include bankruptcy, payment default on a reference asset or assets, or downgrades by a rating agency.

A total return swap is an instrument whereby the seller of protection receives the full return of the asset, including both the income and change in the capital value of the asset. The buyer in return receives a predetermined amount.

#### Equity derivatives

The Group's principal equity-related contracts are equity and stock index swaps and options (including warrants, which are equity options listed on an exchange). An equity swap is an agreement between two parties to exchange periodic payments, based upon a notional principal amount, with one side paying fixed or floating interest and the other side paying based on the actual return of the stock or stock index. An equity option provides the buyer with the right, but not the obligation, either to purchase or sell a specified stock, basket of stocks or stock index at a specified price or level on or before a specified date. The Group also enters into fund-linked derivatives, being swaps and options whose underlyings include mutual funds, hedge funds, indices and multi-asset portfolios.

#### Commodity derivatives

The Group's principal commodity-related derivative contracts are swaps, options, forwards and futures. The main commodities transacted are base metals, precious metals, oil and oil-related products, power and natural gas.

The tables below set out the fair values of the derivative assets together with the value of those assets subject to enforceable counterparty netting arrangements for which the Group holds offsetting liabilities and eligible collateral.

	Gross assets £m	Counterparty netting £m	Net exposure £m
<b>Derivative assets – As at 31.12.08</b>			
Foreign exchange	107,730	91,572	16,158
Interest rate	615,321	558,985	56,336
Credit derivatives	184,072	155,599	28,473
Equity and stock index	28,684	20,110	8,574
Commodity derivatives	48,995	35,903	13,092
	<b>984,802</b>	<b>862,169</b>	<b>122,633</b>
<b>Total collateral held</b>			<b>54,905</b>
<b>Net exposure less collateral</b>			<b>67,728</b>
	Gross assets £m	Counterparty netting £m	Net exposure £m
<b>Derivative assets – As at 31.12.07</b>			
Foreign exchange	30,824	22,066	8,758
Interest rate	140,504	117,292	23,212
Credit derivatives	38,696	31,307	7,389
Equity and stock index	13,296	12,151	1,145
Commodity derivatives	24,768	15,969	8,799
	<b>248,088</b>	<b>198,785</b>	<b>49,303</b>
<b>Total collateral held</b>			<b>16,700</b>
<b>Net exposure less collateral</b>			<b>32,603</b>

Gross derivative assets of £985bn (2007: £248bn) cannot be netted down under IFRS. Derivative assets would be £917bn (2007: £215bn) lower than reported under IFRS if counterparty or collateral netting were allowed.

Exposure relating to derivatives, repurchase agreements, reverse repurchase agreements, stock borrowing and loan transactions is calculated using internal, FSA approved models. These are used as the basis to assess both regulatory capital and capital appetite and are managed on a daily basis. The methodology encompasses all relevant factors to enable the current value to be calculated and the future value to be estimated, for example: current market rates, market volatility and legal documentation (including collateral rights).

# Credit risk management

Barclays Capital credit market exposures

Barclays Capital's credit market exposures primarily relate to US residential mortgages, commercial mortgages and leveraged finance businesses that have been significantly impacted by the continued deterioration in the global credit markets. The exposures include both significant positions subject to fair value movements in the profit and loss account and positions that are classified as loans and advances and available for sale. None of the exposure disclosed below has been reclassified to loans and advances under the amendments to IAS 39.

The exposures are set out by asset class in US Dollars and Sterling below:

	Notes	\$m <sup>a</sup>		£m <sup>a</sup>	
		As at 31.12.08	As at 31.12.07	As at 31.12.08	As at 31.12.07
<b>US Residential Mortgages</b>					
ABS CDO Super Senior	A1	4,526	9,356	3,104	4,671
Other US sub-prime	A2	5,017	10,089	3,441	5,037
Alt-A	A3	6,252	9,847	4,288	4,916
US RMBS exposure wrapped by monoline insurers	A4	2,389	1,462	1,639	730
<b>Commercial mortgages</b>					
Commercial real estate	B1	16,882	22,239	11,578	11,103
Commercial mortgage-backed securities	B1	1,072	2,596	735	1,296
CMBS exposure wrapped by monoline insurers	B2	2,703	395	1,854	197
<b>Other Credit Market Exposures</b>					
Leveraged finance <sup>b</sup>	C1	15,152	18,081	10,391	9,027
SIVs and SIV-Lites	C2	1,404	1,570	963	784
CDPCs	C3	218	39	150	19
CLO and other exposure wrapped by monoline insurers	C4	7,202	817	4,939	408

These exposures have been actively managed during the year in an exceptionally challenging market environment and have been reduced by net sales and paydowns of £6,311m, offset by the 37% appreciation of the US Dollar against Sterling. In January 2009, there was an additional sale of £3,056m of leveraged finance exposure which was repaid at par. Exposures at 31st December 2008 included £1,060m of securities from the acquisition of Lehman Brothers North American businesses. Exposures wrapped by monolines have increased during the course of 2008 as a result of declines in the fair value of the underlying assets.

## Analysis of Barclays Capital credit market exposures by asset class

	ABS CDO Super Senior £m	Other US sub-prime £m	Alt-A £m	RMBS Wrapped by Monoline insurers £m	Commercial real estate loans £m	Commercial mortgage backed securities £m	CMBS wrapped by monoline insurers £m	Leveraged finance £m	SIVs and SIV-Lites £m	CDPCs £m	CLO and other exposure wrapped by monoline insurers £m	As at 31.12.08 £m
Debt securities		782	2,532			1,420				11		4,745
<b>Trading portfolio assets</b>		782	2,532			1,420				11		4,745
Loans and advances		1,565	778		11,555				531			14,429
<b>Financial assets designated at fair value</b>		1,565	778		11,555				531			14,429
<b>Derivative financial instruments</b>		643	398	1,639	23	(685)	1,854		273	150	4,939	9,234
<b>Loans and advances to customers</b>	3,104	195	580					9,361	148			12,808
Debt securities		147	580									727
<b>Available for sale financial instruments</b>		147	580									727
<b>Other assets</b>		109										109
<b>Exposure on balance sheet</b>	<b>3,104</b>	<b>3,441</b>	<b>4,288</b>	<b>1,639</b>	<b>11,578</b>	<b>735</b>	<b>1,854</b>	<b>9,361</b>	<b>963</b>	<b>150</b>	<b>4,939</b>	

### Notes

- a As the majority of exposure is held in US Dollars the exposures above are shown in both US Dollars and Sterling.
- b Included within the total leveraged finance exposure of £10,391m is £1,030m of off-balance sheet commitments.





There were gross losses of £8,053m (2007: £2,999m) in the year to 31st December 2008. These losses were partially offset by related income and hedges of £1,433m (2007: £706m), and gains of £1,663m (2007: £658m) from the general widening of credit spreads on issued notes measured at fair value through the profit and loss account.

The gross losses, which included £1,763m (2007: £782m) in impairment charges, comprised: £5,584m (2007: £2,811m) against US RMBS exposures; £1,488m (2007: £14m) against commercial mortgage exposures; and £981m (2007: £174m) against other credit market exposures.

	Fair Value Losses £m	Impairment Charge £m	Gross Losses £m
ABS CDO super senior	(78)	(1,383)	(1,461)
Other US sub-prime	(1,560)	(168)	(1,728)
Alt-A	(1,858)	(125)	(1,983)
US RMBS wrapped by monoline insurers	(412)	—	(412)
<b>Total US residential mortgages</b>	<b>(3,908)</b>	<b>(1,676)</b>	<b>(5,584)</b>
US	(671)	—	(671)
Europe	(350)	—	(350)
<b>Total commercial real estate</b>	<b>(1,021)</b>	<b>—</b>	<b>(1,021)</b>
Commercial mortgage-backed securities	(127)	—	(127)
CMBS wrapped by monoline insurers	(340)	—	(340)
<b>Total commercial mortgages</b>	<b>(1,488)</b>	<b>—</b>	<b>(1,488)</b>
SIVs and SIV-Lites	(143)	(87)	(230)
CDPCs	(14)	—	(14)
CLO and other assets wrapped by monoline insurers	(737)	—	(737)
<b>Total other credit market</b>	<b>(894)</b>	<b>(87)</b>	<b>(981)</b>
<b>Total</b>	<b>(6,290)</b>	<b>(1,763)</b>	<b>(8,053)</b>

## Credit risk management

## Barclays Capital credit market exposures

## A. US Residential Mortgages

US residential mortgage exposures have reduced by 41% in US Dollar terms, and 19% in Sterling terms, since 31st December 2007.

## A1. ABS CDO Super Senior

During the year ABS CDO Super Senior exposures reduced by £1,567m to £3,104m (31st December 2007: £4,671m). Net exposures are stated after write-downs and charges of £1,461m incurred in 2008 (2007: £1,816m) and hedges of £nil (31st December 2007: £1,347m). There were no hedges in place at 31st December 2008 as the corresponding liquidity facilities had been terminated. There were liquidations and paydowns of £2,318m in the year; weaker Sterling and a reduction in hedges increased exposure by £865m and £1,347m respectively.

The remaining ABS CDO Super Senior exposure at 31st December 2008 comprised five high grade liquidity facilities which were fully drawn and classified within loans and receivables, and no remaining mezzanine exposure. At 31st December 2007 there were 15 facilities of which nine were high grade and six mezzanine.

The impairment assessment of remaining super senior positions is based on cash flow methodology using standard market assumptions such as default curves and remittance data to calculate the net present value of the future losses for the collateral pool over time. As a result, future potential impairment charges depend on changes in these assumptions.

We have included all ABS CDO Super Senior exposure in the US residential mortgages section as nearly 90% of the underlying collateral relates to US RMBS. The impairment applied to the notional collateral is set out in the table below.

	As at 31.12.08		As at 31.12.07			As at 31.12.08	As at 31.12.07
	High Grade £m	Total £m	High Grade £m	Mezzanine £m	Total £m	Marks <sup>a</sup>	Marks <sup>a</sup>
2005 and earlier	1,226	1,226	1,458	1,152	2,610	90%	69%
2006	471	471	1,654	314	1,968	37%	47%
2007 and 2008	25	25	176	87	263	69%	53%
<b>Sub-prime</b>	<b>1,722</b>	<b>1,722</b>	<b>3,288</b>	<b>1,553</b>	<b>4,841</b>	<b>75%</b>	<b>60%</b>
2005 and earlier	891	891	714	102	816	77%	96%
2006	269	269	594	68	662	75%	90%
2007 and 2008	62	62	163	13	176	37%	80%
<b>Alt-A</b>	<b>1,222</b>	<b>1,222</b>	<b>1,471</b>	<b>183</b>	<b>1,654</b>	<b>74%</b>	<b>92%</b>
Prime	520	520	662	123	785	100%	100%
RMBS CDO	402	402	842	445	1,287	–	19%
Sub-prime second lien	127	127	158	–	158	–	32%
<b>Total RMBS</b>	<b>3,993</b>	<b>3,993</b>	<b>6,421</b>	<b>2,304</b>	<b>8,725</b>	<b>68%</b>	<b>63%</b>
CMBS	44	44	189	110	299	100%	96%
Non-RMBS CDO	453	453	429	80	509	56%	49%
CLOs	35	35	26	–	26	100%	100%
Other ABS	51	51	136	4	140	100%	100%
<b>Total other ABS</b>	<b>583</b>	<b>583</b>	<b>780</b>	<b>194</b>	<b>974</b>	<b>66%</b>	<b>72%</b>
<b>Total notional collateral</b>	<b>4,576</b>	<b>4,576</b>	<b>7,201</b>	<b>2,498</b>	<b>9,699</b>	<b>68%</b>	<b>64%</b>
Subordination	(459)	(459)	(1,001)	(864)	(1,865)		
<b>Gross exposure pre impairment</b>	<b>4,117</b>	<b>4,117</b>	<b>6,200</b>	<b>1,634</b>	<b>7,834</b>		
Impairment allowances	(1,013)	(1,013)	(290)	(432)	(722)		
Trading losses gross of Hedges	–	–	(1,041)	(53)	(1,094)		
Hedges	–	–	(960)	(387)	(1,347)		
<b>Net exposure</b>	<b>3,104</b>	<b>3,104</b>	<b>3,909</b>	<b>762</b>	<b>4,671</b>		
<b>Collateral marks including liquidated structures</b>						<b>32%</b>	<b>62%</b>

## Note

- a Marks above reflect the gross exposure after the impairment and subordination and do not include the benefit of hedges. The change in marks since 31st December 2007 primarily results from the liquidation during 2008 of the most impaired structures.

Consolidated collateral of £8.4bn relating to the ten CDOs that were liquidated in 2008 has been sold or are stated at fair value net of hedges within Other US sub-prime, Alt-A and CMBS exposures. The notional collateral remaining at 31st December 2008 is marked at approximately 12%. The collateral valuation for all ABS CDO Super Senior deals, including those liquidated and consolidated in 2008, is approximately 32% (31st December 2007: 62%).

The collateral for the outstanding ABS CDO Super Senior exposures primarily comprises residential mortgage backed securities (RMBS). At 31st December 2008 the residual exposure contains a higher proportion of collateral originated in 2005 and earlier than at 31st December 2007. There is minimal exposure to collateral originated in 2007 or later. The vintages of the sub-prime, Alt-A and US RMBS collateral are set out in the table below.

	As at 31.12.08	As at 31.12.07
<b>Sub-prime Collateral by Vintage</b>		
2005 and earlier	71%	54%
2006	27%	41%
2007 and 2008	2%	5%
<b>Alt-A Collateral by Vintage</b>		
2005 and earlier	73%	49%
2006	22%	40%
2007 and 2008	5%	11%
<b>US RMBS Collateral by Vintage</b>		
2005 and earlier	72%	53%
2006	25%	40%
2007 and 2008	3%	7%

RMBS collateral for the ABS CDO Super Senior exposures is subject to public ratings. The ratings of sub-prime, Alt-A and total US RMBS CDO collateral are set out in the table below.

	31.12.08 High Grade	31.12.07 High Grade	31.12.07 Mezzanine	31.12.07 Total
<b>Sub-prime US RMBS Ratings</b>				
AAA/AA	42%	43%	2%	30%
A/BBB	21%	51%	82%	60%
Non-investment Grade	37%	6%	16%	10%
<b>Alt-A RMBS Ratings</b>				
AAA/AA	66%	89%	47%	85%
A/BBB	7%	8%	45%	12%
Non-investment Grade	27%	3%	8%	3%
<b>Total US RMBS Ratings</b>				
AAA/AA	50%	63%	14%	50%
A/BBB	13%	31%	70%	41%
Non-investment Grade	37%	6%	16%	9%

# Credit risk management

Barclays Capital credit market exposures

## A2. Other US Sub-Prime

	As at 31.12.08 £m	As at 31.12.07 £m	Marks at 31.12.08	Marks at 31.12.07
Whole loans – performing	1,290	2,805	80%	100%
Whole loans – more than 60 days past due	275	372	48%	65%
<b>Total whole loans</b>	<b>1,565</b>	<b>3,177</b>	<b>72%</b>	<b>94%</b>
AAA securities	111	735	40%	92%
Other sub-prime securities	818	525	23%	61%
Total securities gross of hedges	929	1,260	25%	76%
Hedges	–	(369)		
<b>Securities (net of hedges)</b>	<b>929</b>	<b>891</b>		
Residuals	–	233	–	24%
Other exposures with underlying sub-prime collateral:				
– Derivatives	643	333	87%	100%
– Loans	195	346	70%	100%
– Real Estate	109	57	46%	68%
<b>Total other direct and indirect exposure</b>	<b>1,876</b>	<b>1,860</b>		
<b>Total</b>	<b>3,441</b>	<b>5,037</b>		

The majority of Other US sub-prime exposures are measured at fair value through profit and loss. US sub-prime securities held in conduits and a collateralised debt obligation (CDO) are categorised as available for sale and are recognised in equity.

Exposure declined from £5,037m to £3,441m driven by gross losses of £1,728m and net sales, paydowns and other movements of £1,649m. Weaker Sterling resulted in an increase in exposure of £1,086m. Exposures at 31st December 2008 included assets acquired from Lehman Brothers North American businesses of £83m in AAA securities and £124m in other US sub-prime securities.

At 31st December 2008, 82% of the whole loan exposure was performing. Whole loans included £1,422m (31st December 2007: £2,843m) acquired on or originated since the acquisition of EquiFirst in March 2007. Of this balance, £281m of new sub-prime loans were originated in 2008. At 31st December 2008, the average loan to value at origination of all the sub-prime whole loans was 79%. Loans guaranteed by Federal Housing Administration (FHA) are not included in the exposure above. An FHA loan is a mortgage loan fully insured by the US Federal Housing Administration and therefore not considered to be a credit sensitive product. EquiFirst has only originated FHA eligible loans since April 2008, and held £132m of these loans at 31st December 2008.

Securities included £37m held by consolidated conduits and £110m held in a CDO on which impairment charges of £16m and £53m respectively have been recorded.

Other exposures with underlying sub-prime collateral include counterparty derivative exposures to vehicles which hold sub-prime collateral. Derivatives of £643m (31st December 2007: £333m) relate to US Dollar denominated interest rate swaps. The increase in the balance principally relates to the decline in interest rates globally and the 37% depreciation of Sterling relative to the US Dollar, especially in the second half of 2008. The majority of all other exposures with underlying sub-prime collateral was the most senior obligation of the vehicle.

## A3. Alt-A

	As at 31.12.08 £m	As at 31.12.07 £m	Marks at 31.12.08	Marks at 31.12.07
AAA securities	1,847	3,553	43%	87%
Other Alt-A securities	1,265	208	9%	75%
Whole Loans	776	909	67%	97%
Residuals	2	25	6%	66%
Derivative exposure with underlying Alt-A collateral	398	221	100%	100%
<b>Total</b>	<b>4,288</b>	<b>4,916</b>		

Alt-A securities, whole loans and residuals are measured at fair value through profit and loss. Alt-A securities held in conduits and a collateralised debt obligation (CDO) are categorised as available for sale and are recognised in equity.

Net exposure to the Alt-A market was £4,288m (31st December 2007: £4,916m), through a combination of whole loans, securities and residuals, including those held in consolidated conduits. There were gross losses of £1,983m in the year and net sales, paydowns and other movements of £181m. Weaker Sterling resulted in an increase in exposure of £1,190m. Exposures at 31st December 2008 included assets acquired from Lehman Brothers North American businesses of £300m in AAA securities and £324m in other Alt-A securities.

Securities included £491m held by consolidated conduits and £89m held in a CDO on which impairment charges of £65m and £58m respectively have been recorded.

At 31st December 2008, 75% of the Alt-A whole loan exposure was performing, and the average loan to value ratio at origination was 81%.

Other exposures with underlying Alt-A collateral include counterparty derivative exposures to vehicles which hold Alt-A collateral. Derivative exposures with underlying Alt-A collateral of £398m (31st December 2007: £221m) relate to US Dollar denominated interest rate swaps. The increase in the balance principally relates to the decline in interest rates globally and the 37% depreciation of Sterling relative to the US Dollar, especially in the second half of 2008. The majority of this exposure was the most senior obligation of the vehicle.

## A4. US Residential Mortgage Backed Securities Exposure Wrapped by Monoline Insurers

The deterioration in the US residential mortgage market has resulted in exposure to monoline insurers and other financial guarantors that provide credit protection.

The table below shows RMBS assets where we held protection from monoline insurers at 31st December 2008. These are measured at fair value through profit and loss. Declines in fair value of the underlying assets are reflected in increases in the value of potential claims against monoline insurers. Such declines have resulted in net exposure to monoline insurers under these contracts increasing to £1,639m by 31st December 2008 (2007: £730m).

Claims would become due in the event of default of the underlying assets and losses would only be realised if both the underlying asset and monoline defaulted. At 31st December 2008 while 81% of the underlying assets were non-investment grade, 97% are wrapped by monolines with investment grade ratings.

There is some uncertainty whether all of the monoline insurers would be able to meet all liabilities if such claims were to arise: certain monoline insurers have been subject to downgrades in 2008. Consequently, a fair value loss of £412m has been recognised in the year. There have been no claims due under these contracts as none of the underlying assets were in default at 31st December 2008.

The fair value is determined by a credit valuation adjustment calculation which incorporates stressed cash flow shortfall projections, current market valuations, stressed Probability of Default (PDs) and a range of Loss Given Default (LGD) assumptions. The cash flow shortfall projections are stressed to ensure that we consider the potential for further market deterioration and resultant additional cash flow shortfall in underlying collateral. Monoline ratings are based on external ratings analysis and where appropriate significant internal analysis conducted by the independent Credit Risk function. In addition, we reflect the potential for further deterioration of monolines by using stressed PDs which results in all monolines having an implied sub-investment grade rating. LGDs range from 45% to 100% depending on the monoline.

## Exposure by Credit Rating of Monoline Insurer

	As at 31.12.08				
	Notional £m	Fair Value of Underlying Asset £m	Fair Value Exposure £m	Credit Valuation Adjustment £m	Net Exposure £m
AAA/AA	–	–	–	–	–
A/BBB	2,567	492	2,075	(473)	1,602
Non-investment grade	74	8	66	(29)	37
<b>Total</b>	<b>2,641</b>	<b>500</b>	<b>2,141</b>	<b>(502)</b>	<b>1,639</b>
	As at 31.12.07				
AAA/AA	2,807	2,036	771	(41)	730

## Credit risk management

Barclays Capital credit market exposures

The notional value of the assets, split by the current rating of the monoline insurer, is shown below.

	Rating of Monoline Insurers – As at 31.12.08			
	AAA/AA £m	A/BBB £m	Non- Investment Grade £m	Total £m
2005 and earlier	–	143	–	143
2006	–	1,240	–	1,240
2007 and 2008	–	510	–	510
<b>High Grade</b>	–	1,893	–	1,893
Mezzanine – 2005 and earlier	–	625	74	699
CDO <sup>2</sup> – 2005 and earlier	–	49	–	49
<b>US RMBS</b>	–	2,567	74	2,641

The notional value of the assets, split by the current rating of the underlying asset, is shown below.

	Rating of Underlying Asset – As at 31.12.08			
	AAA/AA £m	A/BBB £m	Non- Investment Grade £m	Total £m
2005 and earlier	143	–	–	143
2006	–	–	1,240	1,240
2007 and 2008	–	–	510	510
<b>High Grade</b>	143	–	1,750	1,893
Mezzanine – 2005 and earlier	31	330	338	699
CDO <sup>2</sup> – 2005 and earlier	–	–	49	49
<b>US RMBS</b>	174	330	2,137	2,641



## B. Commercial Mortgages

Commercial mortgages reduced 18% in US Dollar terms. In Sterling terms these increased by 12%.

### B1. Commercial Mortgages

Exposures in Barclays Capital's commercial mortgages portfolio, all of which are measured at fair value, comprised commercial real estate loan exposure of £11,578m (31st December 2007: £11,103m) and commercial mortgage-backed securities (CMBS) of £735m (31st December 2007: £1,296m). During the year there were gross losses of £1,148m. Gross sales and paydowns of £1,034m in the UK and Continental Europe and £2,167m in the US were partially offset by additional drawdowns. Weaker Sterling increased exposure by £3,058m.

The commercial real estate loan exposure comprised 55% US, 41% UK and Europe and 4% Asia. 5% of the total relates to land or property under construction.

The US exposure included two large transactions which comprised 42% of the total US exposure and have paid down approximately £789m in the year. The remaining 58% of the US exposure comprised 76 transactions. The remaining weighted average number of years to initial maturity of the US portfolio is 1.4 years.

The UK and Europe portfolio is well diversified with 64 transactions in place as at 31st December 2008. In Europe protection is provided by loan covenants and periodic LTV retests, which cover 90% of the portfolio. 47% of the German exposure relates to one transaction secured on multifamily residential assets. Exposure to the Spanish market represents less than 1% of global exposure at 31st December 2008.

### Commercial Real Estate Exposure by Region

	As at 31.12.08 £m	As at 31.12.07 £m	Marks at 31.12.08	Marks at 31.12.07
US	6,329	5,947	88%	99%
Germany	2,467	1,783	95%	100%
Sweden	265	250	96%	100%
France	270	289	94%	100%
Switzerland	176	127	97%	100%
Spain	106	89	92%	100%
Other Continental Europe	677	779	90%	100%
UK	831	1,422	89%	100%
Asia	457	417	97%	100%
<b>Total</b>	<b>11,578</b>	<b>11,103</b>		

### Commercial Real Estate Exposure Metrics

	WALTV <sup>a</sup>	WAM <sup>b</sup>	WALA <sup>c</sup>
US	79.5%	1.4 yrs	1.6 yrs
Germany	79.4%	4.6 yrs	1.5 yrs
Other Europe	82.2%	4.5 yrs	1.7 yrs
UK	77.8%	5.8 yrs	1.8 yrs
Asia	93.3%	4.7 yrs	1.3 yrs

### Commercial Real Estate Exposure by Industry

	As at 31.12.08					
	US £m	Germany £m	Other Europe £m	UK £m	Asia £m	Total £m
Office	2,081	436	802	192	145	3,656
Residential	1,957	1,268	—	229	128	3,582
Retail	66	567	96	110	118	957
Hotels	1,145	—	441	29	18	1,633
Leisure	—	—	—	233	—	233
Land	232	—	—	—	—	232
Industrial	582	126	131	38	10	887
Mixed/Others	243	70	24	—	38	375
Hedges	23	—	—	—	—	23
<b>Total</b>	<b>6,329</b>	<b>2,467</b>	<b>1,494</b>	<b>831</b>	<b>457</b>	<b>11,578</b>

### Notes

- a Weighted-average loan- to-value based on the most recent valuation.
- b Weighted-average number of years to initial maturity.
- c Weighted-average loan age.

# Credit risk management

Barclays Capital credit market exposures

## B1. Commercial Mortgages (continued)

### Commercial Mortgage Backed Securities (net of hedges)

	As at 31.12.08 £m	As at 31.12.07 £m	Marks <sup>a</sup> at 31.12.08	Marks <sup>a</sup> at 31.12.07
AAA securities	588	1,008		
Other securities	147	288		
<b>Total</b>	<b>735</b>	<b>1,296</b>	<b>21%</b>	<b>98%</b>

Exposure is stated net of hedges traded in the liquid index swap market with market counterparties. The counterparty exposure is managed through a standard derivative collateralisation process and none of the hedge counterparties are monoline insurers.

Exposures at 31st December 2008 included assets acquired from Lehman Brothers North American businesses of £143m in AAA securities and £86m in other securities.

### B2. CMBS Exposure Wrapped by Monoline Insurers

The deterioration in the commercial mortgage market has resulted in exposure to monoline insurers and other financial guarantors that provide credit protection.

The table below shows Commercial Mortgage Backed Security (CMBS) assets where we held protection from monoline insurers at 31st December 2008. These are measured at fair value through profit and loss. Declines in fair value of the underlying assets are reflected in increases in the value of potential claims against monoline insurers. Such declines have resulted in net exposure to monoline insurers under these contracts increasing to £1,854m by 31st December 2008 (31st December 2007: £197m).

Claims would become due in the event of default of the underlying assets and losses would only be realised if both the underlying asset and monoline defaulted. At 31st December 2008 all underlying assets were rated AAA/AA and 89% are wrapped by monolines with investment grade ratings.

There is some uncertainty whether all of the monoline insurers would be able to meet all liabilities if such claims were to arise: certain monoline insurers have been subject to downgrades in 2008. Consequently, a fair value loss of £340m has been recognised in the year. There have been no claims due under these contracts as none of the underlying assets were in default at 31st December 2008.

The fair value is determined by a credit valuation adjustment calculation which incorporates stressed cash flow shortfall projections, current market valuations, stressed Probability of Default (PDs) and a range of Loss Given Default (LGD) assumptions. The cash flow shortfall projections are stressed to ensure that we consider the potential for further market deterioration and resultant additional cash flow shortfall in underlying collateral. Monoline ratings are based on external ratings analysis and where appropriate significant internal analysis conducted by the independent Credit Risk function. In addition, we reflect the potential for further deterioration of monolines by using stressed PDs which results in all monolines having an implied sub-investment grade rating. LGDs range from 45% to 100% depending on the monoline.

### Exposure by credit rating of monoline insurer

	As at 31.12.08				
	Notional £m	Fair value of underlying asset £m	Fair value exposure £m	Credit valuation adjustment £m	Net exposure £m
AAA/AA	69	27	42	(4)	38
A/BBB	3,258	1,301	1,957	(320)	1,637
Non-investment grade	425	181	244	(65)	179
<b>Total</b>	<b>3,752</b>	<b>1,509</b>	<b>2,243</b>	<b>(389)</b>	<b>1,854</b>
	As at 31.12.07				
AAA/AA	3,614	3,408	206	(9)	197

The notional value of the assets, split by the current rating of the monoline insurer, is shown below.

	Rating of monoline insurers – As at 31.12.08			
	AAA/AA £m	A/BBB £m	Non- Investment Grade £m	Total £m
2005 and earlier	–	437	–	437
2006	69	544	–	613
2007 and 2008	–	2,277	425	2,702
<b>CMBS</b>	<b>69</b>	<b>3,258</b>	<b>425</b>	<b>3,752</b>

### Note

a Marks are based on gross collateral.



The notional value of the assets split by the current rating of the underlying asset, is shown below. All CMBS assets were rated AAA/AA at 31st December 2008.

	Rating of Underlying Asset – As at 31.12.08			
	AAA/AA	A/BBB	Non-Investment Grade	Total
	£m	£m	£m	£m
2005 and earlier	437	–	–	437
2006	613	–	–	613
2007 and 2008	2,702	–	–	2,702
<b>CMBS</b>	<b>3,752</b>	<b>–</b>	<b>–</b>	<b>3,752</b>

### C . Other credit market exposures

In the year ended 31st December 2008 these exposures increased by 17% in US Dollar terms, and 61% in Sterling terms.

#### C1. Leveraged Finance

Leveraged loans are classified within loans and advances and are stated at amortised cost less impairment. The overall credit performance of the assets remains satisfactory.

At 31st December 2008, the gross exposure relating to leveraged finance loans was £10,506m (31st December 2007: £9,217m). Barclays Capital expects to hold these leveraged finance positions until redemption. Material movements since 31st December 2007 reflect exchange rate changes rather than changes in loan positions.

The net exposure relating to leverage finance loans of £10,391m (31st December 2007: £9,027m) was reduced to £7,335m following a repayment of £3,056m at par in January 2009.

#### Leveraged Finance Exposure by Region

	As at 31.12.08 £m	As at 31.12.07 £m
UK	4,810	4,401
US	3,830	3,037
Europe	1,640	1,568
Asia	226	211
<b>Total lending and commitments</b>	<b>10,506</b>	<b>9,217</b>
Identified and unidentified impairment <sup>a</sup>	(115)	(190)
<b>Net lending and commitments</b>	<b>10,391</b>	<b>9,027</b>

#### Leveraged finance exposure by industry

	As at 31.12.08			As at 31.12.07		
	Drawn £m	Undrawn £m	Total £m	Drawn £m	Undrawn £m	Total £m
Insurance	2,546	31	2,577	2,456	78	2,534
Telecoms	2,998	211	3,209	2,259	240	2,499
Retail	904	128	1,032	828	132	960
Health care	659	144	803	577	141	718
Media	655	89	744	469	127	596
Services	568	131	699	388	134	522
Manufacturing	500	102	602	371	125	496
Chemicals	317	26	343	46	286	332
Other	329	168	497	233	327	560
<b>Total</b>	<b>9,476</b>	<b>1,030</b>	<b>10,506</b>	<b>7,627</b>	<b>1,590</b>	<b>9,217</b>

New leveraged finance commitments originated after 30th June 2007 comprised £573m (31st December 2007: £1,148m).

#### Note

- a The movement in impairment during the period is primarily due to the release of the provision on the post year end repayment, for which there was a binding commitment as at 31st December 2008.

# Credit risk management

Barclays Capital credit market exposures

## C2. SIVs and SIV-Lites

### SIVs/SIV-Lites

	As at 31.12.08 £m	As at 31.12.07 £m	Marks at 31.12.08	Marks at 31.12.07
Liquidity facilities	679	466	62%	100%
Bond inventory	11	52	7%	37%
Derivatives	273	266		
<b>Total</b>	<b>963</b>	<b>784</b>		

SIV exposure increased from £784m to £963m during the year. There were £230m of gross losses against SIVs and SIV lites in the year. Weaker Sterling resulted in an increase in exposure of £281m.

At 31st December 2008 liquidity facilities of £679m (31st December 2007: £466m) include £531m designated at fair value through profit and loss relating to a SIV-lite which had previously been hedged with Lehman Brothers. Following the Lehman Brothers bankruptcy this facility was reflected as a new exposure to the underlying assets. The remaining £148m represented drawn liquidity facilities in respect of SIV-lites and other structured investment vehicles classified as loans and advances stated at cost less impairment.

Bond inventory and derivatives are fair valued through profit and loss.

Movement in derivative exposure primarily related to CDS exposure due to general spread widening. At 31st December 2008 exposure was broadly in line with the prior year.

### C3. CDPC exposure

Credit derivative product companies ('CDPCs') are specialist providers of credit protection principally on corporate exposures in the form of credit derivatives. The Group has purchased protection from CDPCs against a number of securities with a notional value of £1,772m. The fair value of the exposure to CDPCs at 31st December 2008 was £150m. A fair value loss of £14m has been recognised in the year.

Of the notional exposure, 45% related to AAA/AA rated counterparties, with the remainder rated A/BBB.

### Exposure by credit rating of CDPC

	As at 31.12.08			
	Notional £m	Gross exposure £m	Credit valuation adjustment £m	Net exposure £m
AAA/AA	796	77	(14)	63
A/BBB	976	87	–	87
<b>Total</b>	<b>1,772</b>	<b>164</b>	<b>(14)</b>	<b>150</b>
		As at 31.12.07		
AAA/AA	1,262	19	–	19

#### C4. CLO and other exposure wrapped by monoline insurers

The table below shows Collateralised Loan Obligations (CLOs) and other assets where we held protection from monoline insurers at 31st December 2008. The deterioration in markets for these assets has resulted in exposure to monoline insurers and other financial guarantors that provide credit protection. These are measured at fair value through profit and loss. Declines in fair value of the underlying assets are reflected in increases in the value of potential claims against monoline insurers. Such declines have resulted in net exposure to monoline insurers under these contracts increasing to £4,939m by 31st December 2008 (31st December 2007: £408m).

Claims would become due in the event of default of the underlying assets and losses would only be realised if both the underlying asset and monoline defaulted. At 31st December 2008 all of the underlying assets have investment grade ratings and 39% are wrapped by monolines rated AAA/AA. 87% of the underlying assets were CLOs, all of which were rated AAA/AA.

There is some uncertainty whether all of the monoline insurers would be able to meet all liabilities if such claims were to arise: certain monoline insurers have been subject to downgrades in 2008. Consequently, a fair value loss of £737m, has been recognised in the year. There have been no claims due under these contracts as none of the underlying assets were in default at 31st December 2008.

The fair value is determined by a credit valuation adjustment calculation which incorporates stressed cash flow shortfall projections, current market valuations, stressed Probability of Default (PDs) and a range of Loss Given Default (LGD) assumptions. The cash flow shortfall projections are stressed to ensure that we consider the potential for further market deterioration and resultant additional cash flow shortfall in underlying collateral. Monoline ratings are based on external ratings analysis and where appropriate significant internal analysis conducted by the independent Credit Risk function. In addition, we reflect the potential for further deterioration of monolines by using stressed PDs for non-AAA rated monolines, which results in all other monolines having an implied sub-investment grade rating. LGDs range from 45% to 100% depending on the monoline.

#### Exposure by credit rating of monoline insurer

	As at 31.12.08				
	Notional £m	Fair value of underlying asset £m	Fair value exposure £m	Credit valuation adjustment £m	Net exposure £m
AAA/AA	8,281	5,854	2,427	(55)	2,372
A/BBB	6,446	4,808	1,638	(204)	1,434
Non-investment grade	6,148	4,441	1,707	(574)	1,133
<b>Total</b>	<b>20,875</b>	<b>15,103</b>	<b>5,772</b>	<b>(833)</b>	<b>4,939</b>

As at 31.12.07					
AAA/AA	15,152	14,735	417	(9)	408

The notional value of the assets, split by the current rating of the monoline insurer, is shown below.

	Rating of monoline insurers – As at 31.12.08			
	AAA/AA £m	A/BBB £m	Non- investment grade £m	Total £m
2005 and earlier	2,064	1,647	2,326	6,037
2006	1,803	2,173	1,918	5,894
2007 and 2008	3,324	1,369	1,602	6,295
<b>CLOs</b>	<b>7,191</b>	<b>5,189</b>	<b>5,846</b>	<b>18,226</b>
2005 and earlier	131	661	70	862
2006	145	158	232	535
2007 and 2008	814	438	–	1,252
<b>Other</b>	<b>1,090</b>	<b>1,257</b>	<b>302</b>	<b>2,649</b>
<b>Total</b>	<b>8,281</b>	<b>6,446</b>	<b>6,148</b>	<b>20,875</b>

## Credit risk management

Barclays Capital credit market exposures

The notional value of the assets split by the current rating of the underlying asset is shown below. All of the underlying assets had investment grade ratings as at 31st December 2008.

	Rating of Underlying Asset – As at 31.12. 08			Total £m
	AAA/AA £m	A/BBB £m	Non- Investment Grade £m	
2005 and earlier	6,037	–	–	6,037
2006	5,894	–	–	5,894
2007 and 2008	6,295	–	–	6,295
<b>CLOs</b>	<b>18,226</b>	<b>–</b>	<b>–</b>	<b>18,226</b>
2005 and earlier	862	–	–	862
2006	535	–	–	535
2007 and 2008	785	467	–	1,252
<b>Other</b>	<b>2,182</b>	<b>467</b>	<b>–</b>	<b>2,649</b>
<b>Total</b>	<b>20,408</b>	<b>467</b>	<b>–</b>	<b>20,875</b>

### Own credit

The carrying amount of issued notes that are designated under the IAS 39 fair value option is adjusted to reflect the effect of changes in own credit spreads. The resulting gain or loss is recognised in the income statement.

At 31st December 2008, the own credit adjustment arose from the fair valuation of £54.5bn of Barclays Capital structured notes (31st December 2007: £40.7bn). The widening of Barclays credit spreads in the year affected the fair value of these notes and as a result revaluation gains of £1,663m were recognised in trading income (2007: £658m).



## Risk management

## Market risk management

## Organisation and structure

Market risk is the risk that Barclays earnings or capital, or its ability to meet business objectives, will be adversely affected by changes in the level or volatility of market rates or prices such as interest rates, credit spreads, commodity prices, equity prices and foreign exchange rates. Market risk mainly arises from trading activities. Barclays is also exposed to market risk through non-traded interest rate risk and the pension fund.

Barclays market risk objectives are to:

- Understand and control market risk by robust measurement and the setting of position limits.
- Facilitate business growth within a controlled and transparent risk management framework.
- Ensure traded market risk resides primarily in Barclays Capital.
- Minimise non-traded market risk.

The Board approves market risk appetite for trading and non-trading activities. The Market Risk Director is responsible for the Market Risk Control Framework and, under delegated authority from the Group Risk Director, sets a limit framework within the context of the approved market risk appetite. A daily market risk report summarises Barclays market risk exposures against agreed limits. This daily report is sent to the Group Risk Director, the Market Risk Director, the Group Finance Director and the appropriate Business Risk Directors.

The head of each business, assisted by the business risk management team, is accountable for all market risks associated with its activities. Each business is responsible for the identification, measurement, management, control and reporting of market risk as outlined in Barclays Market Risk Control Framework. Oversight and

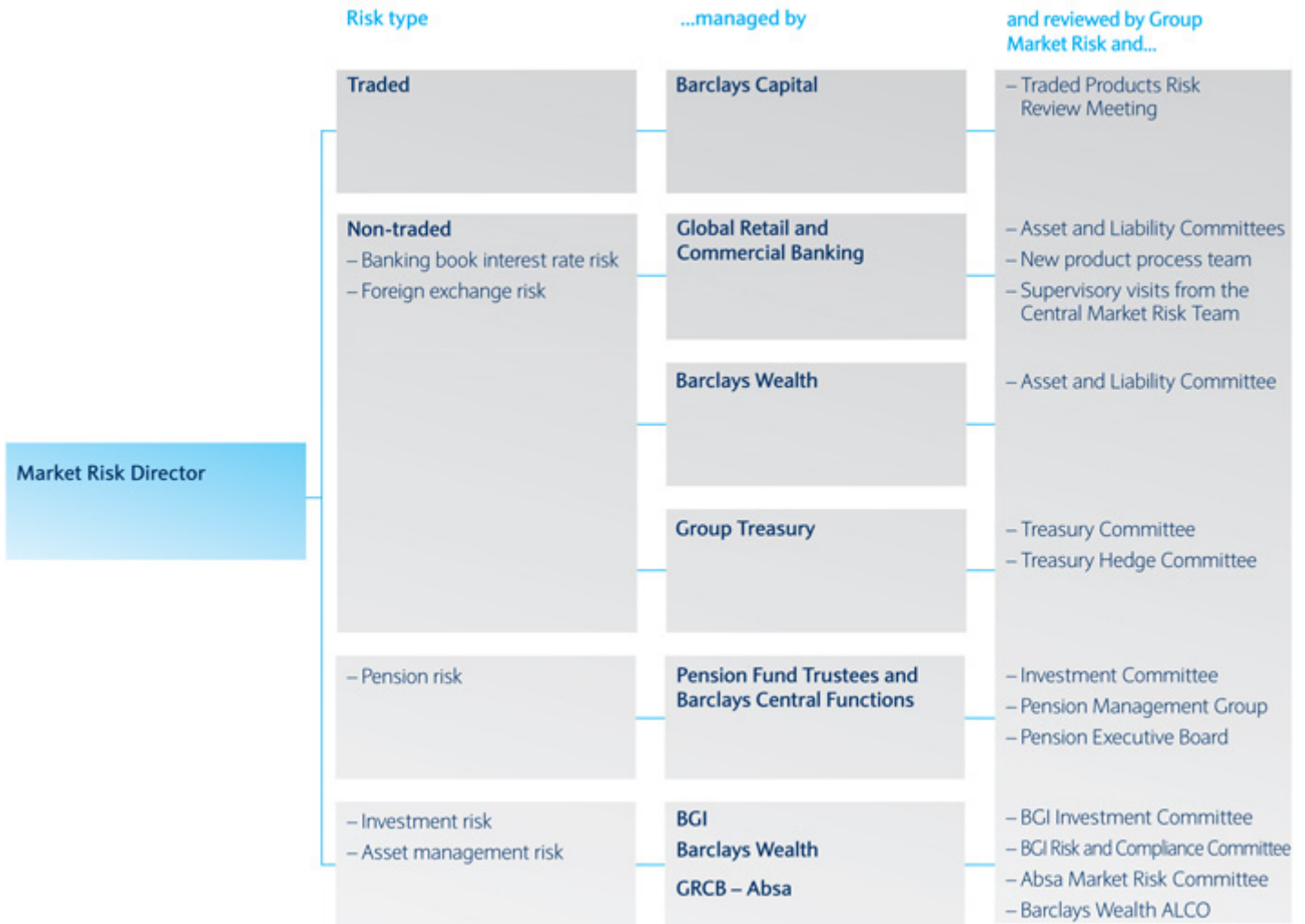
support is provided to the business by the Market Risk Director, assisted by the central market risk team. The Market Risk Committee reviews, approves, and makes recommendations concerning the market risk profile across Barclays including risk appetite, limits and utilisation. The Committee meets monthly and is chaired by the Market Risk Director. Attendees include the Group Risk Director, respective business risk managers and senior managers from the central market risk team.

In Barclays Capital, the Head of Market Risk is responsible for implementing the market risk control framework. Day to day responsibility for market risk lies with the senior management of Barclays Capital, supported by the Market Risk Management team that operates independently of the trading areas. Daily market risk reports are produced for Barclays Capital as a whole as well as for the main business areas. The risks covered include interest rate, credit spread, commodity, equity and foreign exchange. A more detailed trading market risk presentation is produced fortnightly and discussed at the Barclays Capital Traded Positions Risk Review meeting. The attendees at this meeting include the Group Risk Director and senior managers from Barclays Capital and the central market risk team.

In Global Retail and Commercial Banking, each of the six main business areas (UK Retail Banking, Barclays Commercial Bank, Barclaycard, Western Europe, Emerging Markets and Absa) has its own market risk department. The head of each department is responsible for implementing the Market Risk Control Framework, with oversight provided by the central market risk team. A combination of daily and monthly risk reports are sent to the central market risk team. A risk summary is presented at Market Risk Committee and the respective Asset and Liability Committees.

Global Retail and Commercial Banking is responsible for non-structural non-trading interest rate risk and Group Treasury is responsible for structural risk (interest rate and foreign exchange). The chart below gives an overview of the business control structure.

Overview of the business control structure



## Market risk management

### Traded market risk

Barclays policy is to concentrate trading activities in Barclays Capital. This includes transactions where Barclays Capital acts as principal with clients or with the market. For maximum efficiency, client and market activities are managed together. In Barclays Capital, trading risk occurs in both the trading book and the banking book, as defined for regulatory purposes.

#### Risk measurement and control

The measurement techniques used to measure and control traded market risk include Daily Value at Risk (DVaR), Expected Shortfall (ES), stress testing and scenario testing. Book limits such as foreign exchange and interest rate delta limits are also in place.

**Daily Value at Risk** is an estimate of the potential loss arising from unfavourable market movements, if the current positions were to be held unchanged for one business day. Barclays Capital uses the historical simulation method with a two year unweighted historical period.

In 2008, the confidence level was changed to 95% from 98% as an increasing incidence of significant market movements made the existing measure more volatile and less effective for risk management purposes. Switching to 95% made DVaR more stable and consequently improved management, transparency and control of the market risk profile.

The historical simulation calculation can be split into three parts:

– Calculate hypothetical daily profit or loss for each position over the most recent two years, using observed daily market moves.

– Sum hypothetical profit or losses for day one, giving one total profit or loss. This is repeated for all other days in the two year history.

– DVaR is the 95th percentile selected from the two years of daily hypothetical total profit or loss.

The DVaR model has been approved by the FSA to calculate regulatory capital for the trading book. The approval covers general market risk in interest rate, foreign exchange, commodities and equity products, and issuer specific risk for the majority of single name and portfolio traded credit products. Internally, as noted before, DVaR is calculated for both the trading and banking books.

When reviewing DVaR estimates, a number of considerations should be taken into account. These are:

– Historical simulation uses the recent past to generate possible future market moves but the past may not be a good indicator of the future

– The one day time horizon does not fully capture the market risk of positions that cannot be closed out or hedged within one day

– Intra-day risk is not captured

– DVaR does not indicate the potential loss beyond the 95th percentile.

DVaR is an important market risk measurement and control tool and consequently the model is regularly assessed. The main approach employed is the technique known as **back-testing** which counts the

The daily average, maximum and minimum values of DVaR, 95% and 98%, were calculated as below.

#### DVaR (95%)

	12 months to 31st December 2008			12 months to 31st December 2007		
	Average £m	High £m	Low £m	Average £m	High £m	Low £m
Interest rate risk	28.9	47.8	15.1	15.3	26.5	10.0
Credit spread risk	31.1	71.7	15.4	17.3	28.0	10.8
Commodity risk	18.1	25.4	12.5	15.3	19.0	10.7
Equity risk	9.1	21.0	4.8	8.0	12.1	4.5
Foreign exchange risk	5.9	13.0	2.1	3.8	7.2	2.1
Diversification effect <sup>a</sup>	(39.7)	n/a	n/a	(27.2)	n/a	n/a
<b>Total DVaR</b>	<b>53.4</b>	<b>95.2</b>	<b>35.5</b>	<b>32.5</b>	<b>40.9</b>	<b>25.2</b>

#### DVaR (98%)

	12 months to 31st December 2008			12 months to 31st December 2007		
	Average £m	High £m	Low £m	Average £m	High £m	Low £m
Interest rate risk	45.0	80.9	21.0	20.0	33.3	12.6
Credit spread risk	54.0	143.4	30.1	24.9	43.3	14.6
Commodity risk	23.9	39.6	16.5	20.2	27.2	14.8
Equity risk	12.8	28.9	6.7	11.2	17.6	7.3
Foreign exchange risk	8.1	21.0	2.9	4.9	9.6	2.9
Diversification effect <sup>a</sup>	(67.3)	n/a	n/a	(39.2)	n/a	n/a
<b>Total DVaR</b>	<b>76.5</b>	<b>158.8</b>	<b>47.5</b>	<b>42.0</b>	<b>59.3</b>	<b>33.1</b>

#### Note

a The high (and low) DVaR figures reported for each category did not necessarily occur on the same day as the high (and low) DVaR reported as a whole. Consequently a diversification effect number for the high (and low) DVaR figures would not be meaningful and it is therefore omitted from the above table.

number of days when a loss (as defined by the FSA in BIPRU 7.10) exceeds the corresponding DVaR estimate, measured at the 99% confidence level.

The FSA categorises a DVaR model as green, amber or red. A green model is consistent with a good working DVaR model and is achieved for models that have four or less back-testing exceptions in a 12-month period. For Barclays Capital's trading book, green model status was maintained for 2008 and 2007.

To further improve the control framework, formal daily monitoring of **Expected Shortfall** (ES) was started. This metric is the average of all the hypothetical losses beyond DVaR.

**Stress testing** provides an indication of the potential size of losses that could arise in extreme conditions. It helps to identify risk concentrations across business lines and assist senior management in capital planning decisions. A variety of different types of stress tests are performed in order to fulfil the objectives of stress testing. The global asset class stress tests have been designed to cover major asset classes including interest rate, credit spread, commodity, equity, foreign exchange rates and emerging markets.

Stress results are produced at least fortnightly. If a potential stress loss exceeds the corresponding trigger limit, the positions captured by the stress test are reviewed and discussed by Barclays Capital market risk management and the respective Barclays Capital business heads. The minutes of the discussion, including the merits of the position and the appropriate course of action, are then sent to the Market Risk Director for review.

**Scenario tests** are hypothetical events which could lead to extreme yet plausible stress type moves under which profitability is seriously challenged. The scenarios are devised by senior risk managers and economists and are reviewed quarterly. Examples include 'Global pandemic', 'Problems with GBP sovereign issuances' and 'Liquidity crisis'. The scenarios are calculated at least fortnightly and the results are included in the Traded Positions Risk Review meeting information pack.

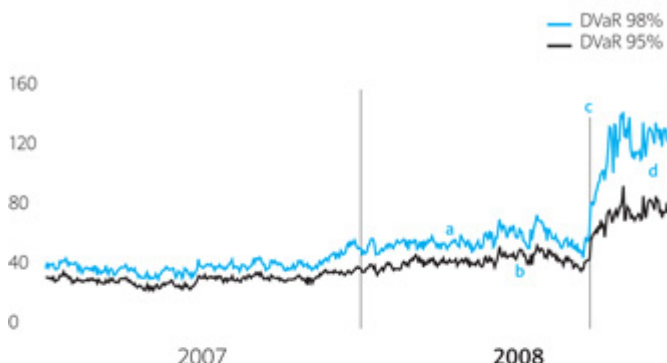
**Analysis of traded market risk exposures**

The tables and graph show the time series for total DVaR with commentary. Further analysis is given in Note 48.

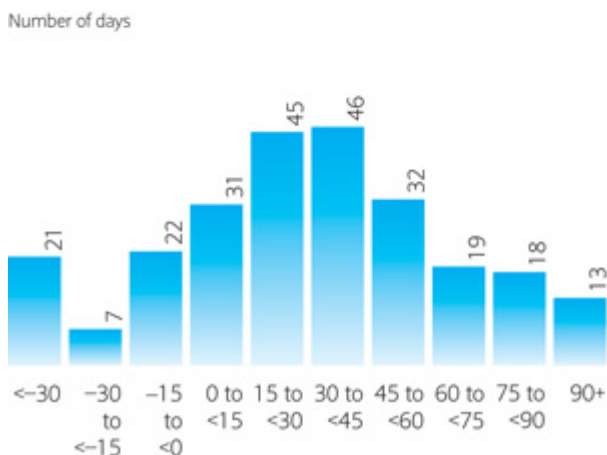
**Analysis of trading revenue**

The histograms below show the distribution of daily trading revenue for Barclays Capital in 2008 and 2007. Revenue includes net trading income, net interest income, net fees and commissions relating to primary trading, and the effects of gains or losses on own credit. The average daily revenue in 2008 was £19.5m (2007: £26.2m) and there were 203 positive revenue days out of 254 (2007: 224 out of 253). The number of negative revenue days increased in 2008, largely a result of volatile markets especially in the fourth quarter. The number of positive revenue days greater than £45m also increased but these were spread across the year.

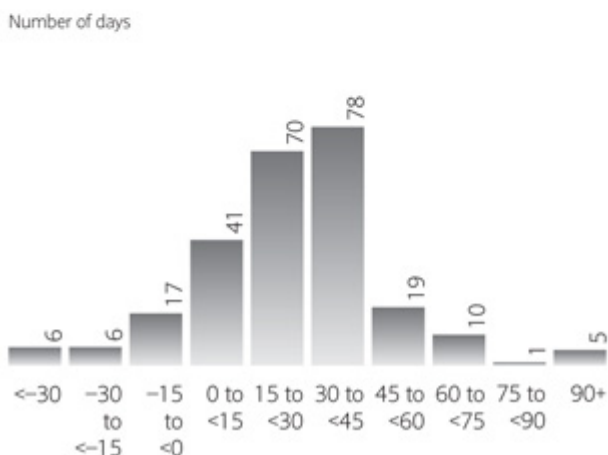
Total DVaR 2007 and 2008 £m



Barclays Capital's trading revenue 2008 £m



Barclays Capital's trading revenue 2007 £m



## Notes

- a Total DVaR remains broadly at the same level as recorded in Dec 07.
- b Total DVaR reduces due to reduction in interest rate positions.
- c Barclays acquires Lehman Brothers North American businesses during a period of extreme market volatility. The Lehman positions are subsequently reduced.
- d DVaR increases significantly due to extreme market volatility following the failure of several financial intuitions and a material deterioration in the global economic outlook. Barclays changes to 95% DVaR to improve management, transparency and control of the market risk profile.

## Market risk management

### Non-traded market risk

Barclays objective is to minimise non-traded market risks. This is achieved by transferring risk from the business to a local treasury or Group Treasury, which in turn hedges the net exposure with the external market. Limits exist to ensure no material risk is retained within any business or product area. The majority of exposures are within Global Retail and Commercial Banking.

#### Non-traded interest rate risk

Non-traded interest rate risk arises from the provision of retail and wholesale (non-traded) banking products and services.

The techniques used to measure and control non-traded interest rate risk include Annual Earnings at Risk, DVaR and Stress Testing. Book limits such as foreign exchange and interest position limits are also in place.

**Annual Earnings at Risk (AEaR)** measures the sensitivity of net interest income (NII) over the next 12 months. It is calculated on a monthly basis as the difference between the estimated income using the current yield curve and the lowest estimated income following a 100 basis points increase or decrease in interest rates.

To complement AEaR, the Group also uses a simplified version of the **DVaR** approach used by Barclays Capital.

**Stress testing** is also carried out by the business centres and is reviewed by senior management and business-level asset and liability committees. The stress testing is tailored to the business and typically incorporates scenario analysis and historical stress movements applied to respective portfolios.

The analysis of non-traded interest rate risk is given in Note 48.

#### Other market risks

Barclays maintains a number of defined benefit pension schemes for past and current employees. The ability of the Pension Fund to meet the projected pension payments is maintained through investments and regular Bank contributions. **Pension risk** arises because: the estimated market value of the pension fund assets might decline; or their investment returns might reduce; or the estimated value of the pension liabilities might increase. In these circumstances, Barclays could be required or might choose to make extra contributions to the pension fund. Financial details of the pension fund are in Note 30.

**Investment risk** is the risk of financial volatility arising from changes in the market value of investments, principally occurring in Barclays insurance companies and Barclays Global Investors. A change in the fair value of these investments may give rise to a liability which may have to be funded by the Group. It is Barclays policy to hedge such exposures in line with a defined risk appetite.

Barclays policy is for foreign exchange traded risk to be concentrated and managed in Barclays Capital. Some transactional **foreign exchange risk** exposure arises within the local treasury operations in Global Retail and Commercial Banking to support and facilitate client activity. This is minimised in accordance with modest risk limits and was not material as at 31st December 2008. Other non-Barclays Capital foreign exchange exposure is covered in Note 48.

**Asset management structural market risk** arises where the fee and commission income earned by asset management products and businesses is affected by a change in market levels, primarily through the link between income and the value of assets under management.

It is Barclays policy that businesses monitor and report this risk against a defined risk appetite and regularly assess potential hedging strategies.

## Risk management

## Market risk management

## Disclosures about certain trading activities

**Disclosures about certain trading activities including non-exchange traded commodity contracts**

The Group provides a fully integrated service to clients for base metals, precious metals, oil, power, natural gas, coal, freight, emission credits, structured products and other related commodities. This service offering continues to expand, as market conditions allow, through the addition of new products and markets.

The Group offers both over the counter (OTC) and exchange traded derivatives, including swaps, options, forwards and futures and enters into physically settled contracts in base metals, power and gas, oil and related products. Physical commodity positions are held at fair value and reported under the Trading Portfolio in Note 12 on page 215.

**Fair value measurement**

The fair values of physical and derivative positions are primarily determined through a combination of recognised market observable prices, exchange prices, and established inter-commodity relationships.

**Movement in fair value of commodity derivative positions**

	2008 £m	2007 £m
Fair value of contracts outstanding at the beginning of the period	812	1,561
Contracts realised or otherwise settled during the period	241	(764)
Fair value of new contracts entered into during the period	(1,245)	243
Other changes in fair values	(744)	(228)
Fair value of contracts outstanding at the end of the period	(936)	812

Further information on fair value measurement of financial instruments can be found in Note 50 on page 287.

**Credit risk**

Credit risk exposures are actively managed by the Group. Refer to Note 47 on page 264 for more information on the Group's approach to credit risk management and the credit quality of derivative assets.

**Fair value of the commodity derivative contracts**

The tables below analyse the overall fair value of the OTC commodity derivative contracts by movement over time and maturity. As at 31st December 2008 the fair value of the commodity derivative contracts reflects a gross positive fair value of £44,881m (2007: £23,571m) and a gross negative value of £45,817m (2007: £22,759m).

**Maturity analysis of commodity derivative fair value**

	2008 £m	2007 £m
Not more than one year	(2,022)	(279)
Over one year but not more than five years	999	773
Over five years	87	318
<b>Total</b>	<b>(936)</b>	<b>812</b>



## Liquidity risk management

### Organisation and structure

Liquidity risk is the risk that the Group is unable to meet its obligations when they fall due as a result of customer deposits being withdrawn, cash requirements from contractual commitments, or other cash outflows, such as debt maturities. Such outflows would deplete available cash resources for client lending, trading activities and investments. In extreme circumstances lack of liquidity could result in reductions in balance sheet and sales of assets, or potentially an inability to fulfil lending commitments. The risk that it will be unable to do so is inherent in all banking operations and can be affected by a range of institution-specific and market-wide events including, but not limited to, credit events, merger and acquisition activity, systemic shocks and natural disasters.

Barclays Treasury operates a centralised governance and control process that covers all of the Group's liquidity risk management activities. Businesses assist Barclays Treasury in policy formation and limit setting by providing relevant and expert input for their local markets and customers.

Execution of the Group's liquidity risk management strategy is carried out at country level within agreed policies, controls and limits, with the Country Treasurer providing reports directly to Barclays Treasury to evidence conformance with the agreed risk profile. Liquidity risk is a standing agenda item at Country and Cluster Asset and Liability Committees and on a consolidated basis is reported to the Group's Treasury Committee.

The objective of the Group's liquidity risk management strategy is to ensure that the funding profile of individual businesses and the Group as a whole is appropriate to underlying market conditions and the profile of our business in each given country. Liquidity risk limits and controls are flexed to achieve that profile and are based on regular qualitative and quantitative assessments of conditions and abilities under both normal and stressed conditions. Businesses are only allowed to have funding exposure to wholesale markets where they can demonstrate that their market is sufficiently deep and liquid and then only relative to the size and complexity of their business.

Liquidity limits reflect both local regulatory requirements as well as the behavioural characteristics of their balance sheets. Breaches of limits are reported to Treasury Committee together with details of the requirements to return to compliance.

## Risk management

# Liquidity risk management

## Key elements

Liquidity management within the Group has several components.

**Intraday liquidity**

The need to monitor, manage and control intraday liquidity in real time is recognised by the Group as a critical process: any failure to meet specific intraday commitments would have significant consequences, such as a visible market disruption.

The Group policy is that each operation must ensure that it has access to sufficient intraday liquidity to meet any obligations it may have to clearing and settlement systems. Major currency payment flows and payment system collateral are monitored and managed in real time to ensure that at all times there is sufficient collateral to make payments. In practice, the Group maintains a significant buffer of surplus intraday liquidity to ensure that payments are made on a timely basis. The Group actively engages in payment system development to help ensure that new payment systems are robust.

**Day to day funding**

Day to day funding is managed through limits on wholesale borrowings, secured borrowings and funding mismatches. These ensure that on any day and over any period there is a limited amount of refinancing required. These requirements include replenishment of funds as they mature or are borrowed by customers. The Retail and Commercial Bank together with Wealth maintain no reliance on wholesale funding. The Group maintains an active presence in global money markets through Barclays Capital and monitors and manages the wholesale money market capacity for the Group's name to enable that to happen.

In addition to cash flow management, Treasury also monitors term mismatches between assets and liabilities, as well as the level and type of undrawn lending commitments, the usage of overdraft facilities and the impact of contingent liabilities such as standby letters of credit and guarantees.

**Liquid assets**

The Group maintains a portfolio of highly marketable assets including UK, US and Euro-area government bonds that can be sold or funded on a secured basis as protection against any unforeseen interruption to cash flow. The Group accesses secured funding markets in these assets on a regular basis. The Group does not rely on committed funding lines for protection against unforeseen interruptions to cash flow.

**Diversification of liquidity sources**

Sources of liquidity are regularly reviewed to maintain a wide diversification by currency, geography, provider, product and term. In addition, to avoid reliance on a particular group of customers or market sectors, the distribution of sources and the maturity profile of deposits are also carefully managed. Important factors in assuring liquidity are strength of relationships and the maintenance of depositors' confidence. Such confidence is based on a number of factors including the Group's reputation and relationship with those clients, the strength of earnings and the Group's financial position.

**Structural liquidity**

An important source of structural liquidity is provided by our core retail deposits in the UK, Europe and Africa, mainly current accounts and savings accounts. Although current accounts are repayable on demand and savings accounts at short notice, the Group's broad base of customers – numerically and by depositor type – helps to protect against unexpected fluctuations. Such accounts form a stable funding base for the Group's operations and liquidity needs.

The Group policy is to fund the balance sheet of the Retail and Commercial Bank together with Wealth and Head office functions on a global basis with customer deposits and capital without recourse to the wholesale markets. This provides protection from the liquidity risk of wholesale market funding. The exception to this policy is Absa, which has a large portion of wholesale funding due to the structural nature of the South African financial sector.

**Scenario analysis and stress testing**

Stress testing is undertaken to assess and plan for the impact of various scenarios which may put the Group's liquidity at risk.

Treasury develops and monitors a range of stress tests on the Group's projected cash flows. These stress scenarios include Barclays-specific scenarios such as an unexpected rating downgrade and operational problems, and external scenarios such as Emerging Market crises, payment system disruption and macro-economic shocks. The output informs both the liquidity mismatch limits and the Group's contingency funding plan.

This is maintained by Treasury and is aligned with the Group and country business resumption plans to encompass decision-making authorities, internal and external communication and, in the event of a systems failure, the restoration of liquidity management and payment systems.

**Wholesale depositor split by counterparty type**

- 1 Asset managers
- 2 Banks
- 3 Corporates
- 4 Money funds
- 5 Governments
- 6 Central banks

**Wholesale depositor split by geography**

- 1 North America
- 2 UK
- 3 Europe
- 4 Japan
- 5 Far East (excluding Japan)
- 6 Emerging Markets
- 7 Supra-national

# Liquidity risk management

## Key elements

The ability to raise funds is in part dependent on maintaining the Bank's credit rating. The funding impact of a credit downgrade is closely tracked. Whilst the impact of a single downgrade may affect the price at which funding is available, the effect on liquidity is not considered material in Group terms.

For further details see contractual obligations and commercial commitments of the Group on page 19.

### Year end assessment of liquidity

Barclays maintained a strong liquidity profile in 2008, sufficient to absorb the impact of a stressed funding environment. The Group has access to a substantial pool of liquidity both in secured markets and from unsecured depositors including numerous foreign governments and central banks. In addition, our limited reliance on securitisations as a source of funding has meant that the uncertainty in securitisation markets has not impacted our liquidity risk profile.

Whilst funding markets were extremely difficult in the latter half of 2008, and particularly since September 2008, Barclays was able to increase available liquidity, extend the term of unsecured liabilities, and reduce reliance on unsecured funding. Barclays has participated in various government and central bank liquidity facilities, both to aid central banks implementation of monetary policy and support central bank initiatives, where participation has enabled the lengthening of the term of our refinancing. These facilities have improved access to term funding, and helped moderate money market rates.

For the Group, loans and advances to customers and banks are more than covered by the combination of customer deposits and longer term debt at 112% at 31st December 2008 (2007: 125%).

### Global Retail and Commercial Banking

The sum of liabilities in Global Retail and Commercial Banking, Barclays Wealth and Head office functions exceeds assets in those businesses. As a result they have no reliance on wholesale funding. The balance sheet is modelled to reflect behavioural experience in both assets and liabilities, and is managed to maintain a positive cash profile (table 1).

Throughout 2008 Global Retail and Commercial Banking continued to grow the amount of deposits despite competitive pressures (table 2).

### Barclays Capital

Barclays Capital manages liquidity to be self-funding through wholesale sources, managing access to liquidity to ensure that potential cash outflows in a stressed environment are covered.

Funding reliability is maintained by accessing a wide variety of investors and geographies and by building and maintaining strong relationships with these providers of liquidity.

### Unsecured funding

Additionally, unsecured funding is managed within specific term limits. The term of unsecured liabilities has been extended, with average life improving by four months from eight months at the end of December 2007 to 12 months at the end of December 2008.

Our capital markets debt issuance includes issues of senior and subordinated debt in US registered offerings and medium term note programmes and European medium term note programs. Substantially all of our unsecured senior issuance is without covenants that trigger increased cost or accelerate maturity. Furthermore, between September and December 2008 we issued £11bn in government guaranteed debt, £9bn in maturities of one to three years and £2bn in under one-year maturities.

### Secured funding

Barclays funds securities based on liquidity characteristics. Limits are in place for each security asset class reflecting liquidity in the cash and financing markets for these assets. Approximately 80% of assets funded in repurchase and stock loan transactions are fundable within central bank facilities (excluding Bank of England Emergency facilities and the Federal Reserve Primary Dealer Credit Facility).

Liquidity risk to secured funding is also mitigated by:

- selecting reliable counterparties
- maintaining term financing and by limiting the amount of overnight funding
- limiting overall secured funding usage

### Readily available liquidity

Substantial resources are maintained to offset maturing deposits and debt. These readily available assets are sufficient to absorb stress level losses of liquidity from unsecured as well as contingent cash outflows, such as collateral requirements on ratings downgrades. The sources of liquidity and contingent liquidity are from a wide variety of sources, including deposits held with central banks and unencumbered securities.

In addition, the Group maintains significant pools of securitisable assets.

Secured Financing by Asset Class (% of Total Secured Funding)<sup>a</sup>



Sources of Readily Available Contingent Liquidity



Table 1: Expected Net Cash Inflows/(Outflows) on a Behavioural Basis

	Up to 1 yr £bn	1-3yrs £bn	3-5yrs £bn	Over 5 yrs £bn
As at 31.12.08	20	34	14	(95)

### Note

a MBS includes only agency mortgages. ABS includes private label

Table 2: Global Retail and Commercial Banking Deposit Balances

	As at 31.12.08 £bn	As at 30.06.08 £bn	As at 31.12.07 £bn	As at 30.06.07 £bn	As at 31.12.06 £bn
Total					
customer deposits	235	218	211	200	190

issuance of residential mortgage backed securities.

## Risk management

## Capital risk management

## Organisation and structure

Barclays operates a centralised capital management model, considering both regulatory and economic capital.

The Group's capital management objectives are to:

- Maintain sufficient capital resources to meet the minimum regulatory capital requirements set by the FSA and the US Federal Reserve Bank's requirements that a financial holding company be well capitalised.
- Maintain sufficient capital resources to support the Group's risk appetite and economic capital requirements.
- Support the Group's credit rating.
- Ensure locally regulated subsidiaries can meet their minimum capital requirements.
- Allocate capital to businesses to support the Group's strategic objectives, including optimising returns on economic and regulatory capital.

Treasury Committee manages compliance with the Group's capital management objectives. The Committee reviews actual and forecast capital demand and resources on a monthly basis. The processes in place for delivering the Group's capital management objectives are:

- Establishment of internal targets for capital demand and ratios
- Managing capital ratio sensitivity to foreign exchange rate movements
- Ensuring local entity regulatory capital adequacy
- Allocating capital to the Group's strategic medium-term plan
- Economic capital management

In addition to the processes above, the Risk Oversight Committee and the Board Risk Committee annually review and set risk appetite (see page 65) and analyse the impacts of stress scenarios (see page 66) in order to understand and manage the Group's projected capital adequacy.

# Capital risk management

## Key elements

### Internal targets

To support its capital management objectives, the Group sets internal targets for its key capital ratios. Internal targets are reviewed regularly by Treasury Committee to take account of:

- Changes in forecast demand for capital caused by accessing new business opportunities, including mergers and acquisitions
- Flexibility in debt capital issuance and securitisation plans
- The possible impact of stress scenarios including:
  - Changes in forecast demand for capital from unanticipated drawdown of committed facilities or as a result of deterioration in the credit quality of the Group's assets
  - Changes in forecast profits and other capital resources
  - Changes to capital resources and forecast demand due to foreign exchange rate movements.

### Managing capital ratio sensitivity to foreign exchange rate movements

The Group has capital resources (capturing investments in subsidiaries and branches, intangible assets, minority interests and debt capital) and risk weighted assets denominated in non-Sterling currencies. Changes in foreign exchange rates result in changes in the Sterling equivalent value of non-Sterling denominated capital resources and risk weighted assets. As a result, the Group's regulatory capital ratios are sensitive to foreign exchange rate movements.

The Group's hedge strategy is to minimise the volatility of all capital ratios whilst taking into account the impact on hedging of non-Sterling net investments, the cost of hedging, the availability of a suitable foreign exchange market and prevailing foreign exchange rates.

To minimise volatility in the equity ratio, the Group aims over time to maintain the ratio of foreign currency equity capital resources to RWAs the same as the Group's equity ratio. To create equity capital resources denominated in non-Sterling currencies, the Group leaves some investments in core non-Sterling subsidiaries and branches unhedged. The resultant change in the Sterling value of the investments is captured in the currency translation reserve, resulting in an equity capital movement.

Depending on the value of non-Sterling net investments, it may not always be possible to maintain the ratio, leaving some capital ratio sensitivity to foreign exchange movements.

The proceeds from equity accounted foreign currency preference shares are also used in the equity ratio hedge. If a preference share is redeemed, the cumulative movement in the currency translation reserve will be offset by an equal and opposite movement in other reserves reflecting the revaluation of the preference shares to prevailing foreign exchange rates.

The exposure of the Tier 1 and total capital ratios to foreign exchange rate movements is managed by issuing, where possible, debt capital in non-Sterling currencies such that the ratio of Tier 1 and total capital resources to risk weighted assets is the same as the Group's Tier 1 and total capital ratios. This is primarily achieved by the issuance of debt capital from Barclays Bank PLC in major currencies, but can also be achieved by subsidiaries issuing capital in local currencies.

### Local entity regulatory capital adequacy

The Group manages its capital resources to ensure that those Group entities that are subject to local capital adequacy regulation in individual jurisdictions meet their minimum capital requirements. Local management manages compliance with entities minimum regulatory

capital requirements by reporting to local Asset and Liability Committees with oversight by Treasury Committee, as required.

Injections of capital resources into Group entities are centrally controlled by Treasury Committee, under authorities delegated from the Group Executive Committee. The Group's policy is for surplus capital held in Group entities to be repatriated to Barclays Bank PLC in the form of dividends and/or capital repatriation, subject to local regulatory requirements, exchange controls and tax implications.

Other than as indicated above, the Group is not aware of any material impediments to the prompt transfer of capital resources or repayment of intra-group liabilities when due.

### Allocating capital in the Group's strategic medium-term plan

Capital adequacy and returns on regulatory and economic capital form a key part of the Group's annual strategic medium-term planning process. Amongst other strategic objectives, the Group seeks to optimise returns on economic and regulatory capital through the planning process. To achieve this, executive management consider returns on risk weighted assets and economic capital when setting limits for business capital demand. Executive management will also review the forecast capital ratios to ensure internal targets continue to be met over the medium-term plan.

Treasury Committee reviews the limits on capital demand on a monthly basis taking into account actual performance.

### Economic capital management

Economic capital is an internal measure of the minimum equity and preference capital required for the Group to maintain its credit rating based upon its risk profile.

Barclays assesses economic capital requirements by measuring the Group risk profile using both internally and externally developed models. The Group assigns economic capital primarily within the following risks: Credit Risk, Market Risk, Operational Risk, Fixed Assets, Private Equity and Pension Risk. Group Risk owns the methodology and policy for economic capital while the businesses are primarily responsible for the calculation.

The Group regularly enhances its economic capital methodology and benchmarks outputs to external reference points. The framework reflects default probabilities during average credit conditions, rather than those prevailing at the balance sheet date, thus removing some of the cyclicity from the economic capital calculation. Economic capital for wholesale credit risk includes counterparty credit risk arising as a result of credit risk on traded market exposures. The framework also adjusts economic capital to reflect time horizon, correlation of risks and risk concentrations.

Economic capital is allocated on a consistent basis across all of Barclays businesses and risk activities. A single cost of equity is applied to calculate the cost of risk. Economic capital allocations reflect varying levels of risk.

The total average economic capital required by the Group, as determined by risk assessment models and after considering the Group's estimated portfolio effects, is compared with the average supply of capital resources to evaluate economic capital utilisation.

The Group's economic capital calculations form the basis of its Internal Capital Adequacy Assessment Process ('ICAAP') submission to the FSA under Pillar 2 of Basel II.

### Capital Allocation

In 2008, UK Retail Banking economic capital allocation increased £550m to £3,950m (2007: £3,400m), reflecting mortgage asset growth and movements in benchmark house price indices.

## Risk management

## Capital risk management

Barclays Commercial Bank economic capital allocation increased £300m to £3,500m (2007: £3,200m), primarily as a consequence of asset growth with some mitigation from portfolio management activity.

Barclaycard economic capital allocation increased £650m to £2,700m (2007: £2,050m), driven by acquisitions, the redemption of securitisation deals and exposure growth, predominantly in the US.

GRCB – Western Europe economic capital allocation increased £650m to £1,900m (2007: £1,250m), primarily reflecting the weakening of Sterling and underlying lending growth.

GRCB – Emerging Markets economic capital allocation increased £650m to £1,100m (2007: £450m), reflecting broad-based retail and wholesale asset growth across the business, especially in India, UAE and the new markets of Russia and Pakistan.

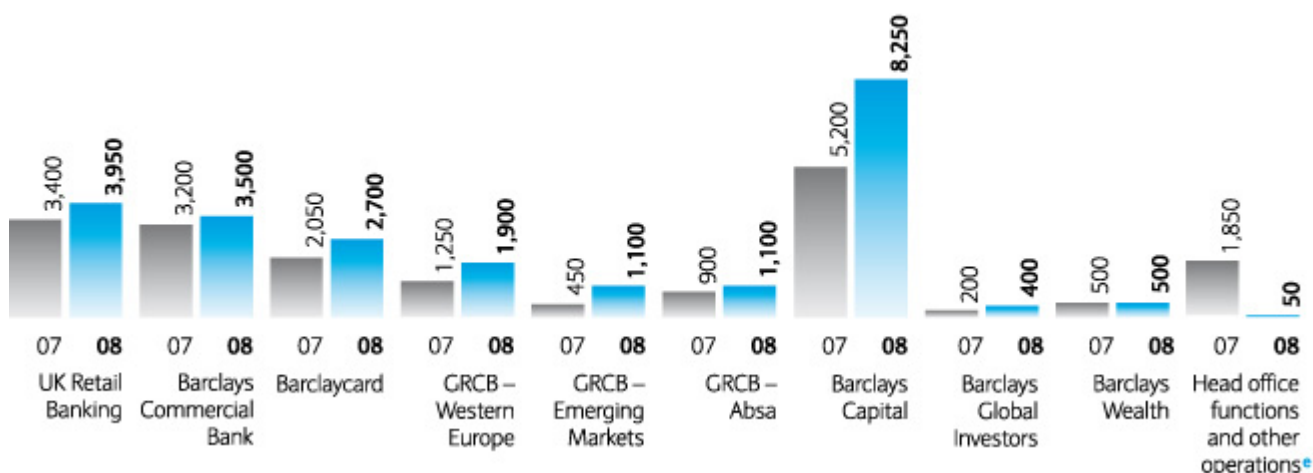
GRCB – Absa economic capital allocation increased £200m to £1,100m (2007: £900m), reflecting balance sheet growth.

Barclays Capital economic capital allocation increased £3,050m to £8,250m (2007: £5,200m). This was driven by growth in the investment portfolio, deterioration in credit quality, exposure to drawn leveraged finance underwriting positions and an increase in market volatility.

Barclays Global Investors economic capital allocation increased £200m to £400m (2007: £200m). This was primarily driven by an increase in the support for selected cash funds and some increase in proprietary investments.

Barclays Wealth economic capital allocation in 2008 remained unchanged at £500m, despite strong growth on the balance sheet. This was due to the impact of greater geographical diversification and increased levels of collateralisation.

	2008 £m	2007 £m
<b>The average supply of capital to support the economic capital framework <sup>a</sup></b>		
Shareholders' equity excluding minority interests less goodwill <sup>b</sup>	17,650	14,150
Retirement benefits liability	1,050	1,150
Cash flow hedging reserve	100	250
Available for sale reserve	400	(150)
Gains on own credit	(1,250)	(100)
Preference shares	5,500	3,700
<b>Available funds for economic capital excluding goodwill</b>	<b>23,450</b>	<b>19,000</b>
Average historic goodwill and intangible assets <sup>b</sup>	9,450	8,400
<b>Available funds for economic capital including goodwill <sup>c</sup></b>	<b>32,900</b>	<b>27,400</b>

Average economic capital allocation by business £m <sup>d</sup>



Average economic capital allocation by risk type £m



Notes

- a Averages for the period will not correspond to period-end balances disclosed in the balance sheet. Numbers are rounded to the nearest £50m for presentational purposes only.
- b Average goodwill relates to purchased goodwill and intangible assets from business acquisitions.
- c Available funds for economic capital as at 31st December 2008 stood at £40,150m (2007:£29,200m).
- d Average EC charts exclude the EC calculated for pension risk (average pension risk for 2008 is £650m compared with £500m in 2007).
- e Includes Transition Businesses and capital for central function risks.
- f Includes credit risk loans.
- g Includes investments in associates, private equity risk, insurance risk and residual value.

## Operational risk management

Operational risk is the risk of direct or indirect losses resulting from human factors, external events, and inadequate or failed internal processes and systems. Operational risks are inherent in the Group's operations and are typical of any large enterprise. Major sources of operational risk include: operational process reliability, IT security, outsourcing of operations, dependence on key suppliers, implementation of strategic change, integration of acquisitions, fraud, human error, customer service quality, regulatory compliance, recruitment, training and retention of staff, and social and environmental impacts. Barclays is committed to the advanced measurement and management of operational risks. In particular, it has implemented improved management and measurement approaches for operational risk to strengthen control, improve customer service and minimise operating losses. Barclays was granted a Waiver to operate an Advanced Measurement Approach (AMA) under Basel II, which commenced in January 2008.

The Group's operational risk management framework aims to:

- Understand and report the operational risks being taken by the Group.
- Capture and report operational errors made.
- Understand and minimise the frequency and impact, on a cost benefit basis, of operational risk events.

Barclays works closely with peer banks to benchmark our internal operational risk practices and to drive the development of advanced operational risk techniques across the industry. It is not cost effective to attempt to eliminate all operational risks and in any event it would not be possible to do so. Events of small significance are expected to occur and are accepted as inevitable; events of material significance are rare and the Group seeks to reduce the risk from these in a framework consistent with its agreed Risk Appetite.

Barclays has a Group Operational Risk Framework, which is consistent with and part of the Group Internal Control and Assurance Framework. Minimum control requirements have been established for all key areas of identified risk by 'Principal Risk' owners (see page 65). The risk categories relevant to operational risks are Financial Crime, Financial Reporting, Taxation, Legal, Operations, People, Regulatory and Technology. In addition the following risk categories are used for business risk: Brand Management, Corporate Responsibility, Strategic and Change. Responsibility for implementing and overseeing these policies is positioned with Group Principal Risk Owners. The prime responsibility for the management of operational risk and the compliance with control requirements rests with the business and functional units where the risk arises. Front line risk managers are widely distributed throughout the Group in business units. They service and support these areas, assisting line managers in managing these risks.

Business Risk Directors in each business are responsible for overseeing the implementation of and compliance with Group policies. Governance and Control Committees in each business monitor control effectiveness. The Group Governance and Control Committee receives reports from the committees in the businesses and considers Group-significant control issues and their remediation. In the Group Centre, each Principal Risk is owned by a senior individual who liaises with Principal Risk owners within the businesses. In addition, the Operational Risk Director oversees the range of operational risks across the Group in accordance with the Group Operational Risk Framework. Business units are required to report on both a regular and an event-driven basis. The reports include a profile of the material risks to their business objectives, control issues of Group-level significance, and operational risk events. Specific reports are prepared on a regular basis for the Risk Oversight Committee, the Board Risk Committee and the Board Audit Committee. The Internal Audit function provides further assurance for operational risk control across the organisation and reports to the Board and senior management.

Risk management

## Operational risk management

Measurement and capital modelling

Barclays applies a consistent approach to the identification and assessment of key risks and controls across all business units. Managers in the businesses use self-assessment techniques to identify risks, evaluate control effectiveness and monitor performance. Business management determines whether particular risks are effectively managed within business Risk Appetite and otherwise takes remedial action. The risk assessment process is consistent with the principles in the integrated framework published by the Committee of Sponsoring Organisations of the Treadway Commission (COSO).

A standard process is used Group-wide for the recognition, capture, assessment, analysis and reporting of risk events. This process is used to help identify where process and control requirements are needed to reduce the recurrence of risk events. Risk events are loaded onto a central database and reported monthly to the Group Operational Risk Executive Committee.

Barclays also uses a database of external public risk events and is a member of the Operational Risk Data Exchange (ORX), an association of international banks that share anonymised loss data information to assist in risk identification, assessment and modelling.

By combining internal data, including internal loss experience, risk and control assessments, key indicators and audit findings, with external loss data and expert management judgement, Barclays is able to generate Key Risk Scenarios (KRSs), which identify the most significant operational risks across the Group. The KRSs are validated at business unit and at Group level to ensure that they appropriately reflect the level of operational risk. These are the main input to our capital model. Operational risk capital is allocated, on a risk sensitive basis, to business units in the form of economic capital charges, providing an incentive to manage these risks within appetite levels.

# Operational risk management

## Operational risk events

A high proportion of Barclays operational risk events have a low financial cost associated with them and a very small proportion of operational risk events have a material impact. In 2008, 73% of reported operational loss events had a value of £50,000 or less (2007: 79%) but accounted for 8% of the overall impact (2007: 15%). In contrast, 2% of the operational risk events had a value of £1m or greater (2007: 2%) but accounted for 66% of the overall impact (2007: 50%).

Analysis of Barclays operational risk events in 2008 by Basel II category, as shown in figure 1, highlights that the highest frequency of events occurred in External Fraud (46%) and Execution, Delivery and Process Management (42%). These two areas also accounted for the majority of losses by value (figure 2), with Execution, Delivery and Process Management accounting for 81% of total operational risk losses and External Fraud accounting for 10%. Compared with 2007 we have seen a reduction in External Fraud and an increase in Execution, Delivery and Process Management events, driven mainly by market volatility.

Barclays has been granted a waiver by the FSA to apply an Advanced Measurement Approach (AMA) for Group-wide consolidated and solus regulatory capital reporting. Barclays has applied the AMA Group-wide. Areas where roll-out of AMA is still continuing and where the Standardised approach is currently applied are Barclays Bank Mozambique, National Bank of Commerce (Tanzania) and the US Airways card portfolio purchased from Bank of America. Areas where roll-out of AMA is ongoing and where the Basic Indicator approach is applied are Banco Comercial Angolano, Woolworths Financial Services in South Africa, Barclays Bank PLC Pakistan, Barclays Investment and Loans India Limited, Barclays Bank LLC Russia and the Cash Equity, Municipal Bonds and M&A business acquired from Lehman Brothers. In certain joint ventures and associates, Barclays may not be able to apply the Advanced Operational Risk Framework.

Barclays does not currently offset the expected loss or mitigating effect of insurances against its regulatory capital requirement. However, Barclays has applied to the FSA to offset expected loss.

Fig. 1: Operational risk events by risk category – % of total risk events by count



Fig. 2: Operational risk events by category – % of total by value



## Risk management

## Financial crime risk management

### Anti-money laundering and sanctions risk

Financial crime risk is a category of operational risk. It arises from the risk that the Group might fail to comply with financial crime legislation and industry laws on anti-money laundering or might suffer losses as a result of internal or external fraud, or might fail to ensure the security of personnel, physical premises and the Group's assets.

Barclays adopts an integrated approach to financial crime risk management. In line with the five-step risk management model, Group Financial Crime Management (GFCM) has the responsibility to direct, assess, control, report and manage/challenge financial crime risks, which are structured into three strands: anti-money laundering (AML) and sanctions; fraud; and security.

Each business unit within Barclays develops its own capability to tackle financial crime, providing regular reporting on performance, incidents and the latest trends impacting business. This integrated model allows us to:

- Develop a clear profile of financial crime risk across the Group
- Share intelligence, adopt common standards and respond promptly to emerging issues
- Drive forward law enforcement and other government initiatives
- Benchmark ourselves against other financial institutions facing similar challenges

### Anti-money laundering and sanctions risk

The Group assesses the implications of all emerging legal and regulatory requirements that impact it and establishes and operates an AML Risk control framework and associated policies and minimum standards in respect of AML, terrorist financing, sanctions and bribery and corruption.

The Group operates an AML oversight programme to ensure a system of effective controls comply with the overarching policies, providing technical guidance and support to each business unit. This is monitored via conformance testing both at the business units and the Group level. In 2008, Barclays Internal Audit completed a combined global audit of Know Your Customer, AML and Sanctions procedures.

GFCM collates and oversees the preparation of Group-wide management information on AML and sanctions. This information includes risk indicators, such as volumes of suspicious activity reports (SARs) and is supplemented by trend analysis, which highlights high-risk or emerging issues so that prompt action can be taken to address them.

Three committees (the AML Steering Committee, the Sanctions Cross-Cluster Operational Review Board and the Policy Review Forum), review business performance, share intelligence, develop and agree controls, and discuss emerging themes and the implementation status of policies and procedures.

All businesses contribute towards the Group Money Laundering Reporting Officers Annual Report, which is provided to Group senior executive management and is available to the FSA. Together with regular management information and conformance testing, this report updates senior management with evidence that the Group's money laundering and terrorist financing risks are being appropriately, proportionally and effectively managed.

During 2008, the Group augmented its sanctions capability by issuing a revised Sanctions Policy. This enhances certain areas of control such as screening.

Barclays continues to upgrade its sanctions screening capabilities, in line with best international practice and changing regulatory requirements and has invested substantial resources to further enhance its monitoring capabilities in this area and will continue to do so.

Representatives of the Group attend industry fora such as the Wolfsberg Group, the British Bankers Association's Money Laundering Policy Group (MLPG) and the Money Laundering Advisory Panel (MLAP), to ensure that Barclays is influential in discussing and interpreting new legislation.

In 2008, the Group continued to follow developments in the Single European Payments Area (SEPA), with a view to developing its payments systems accordingly.

## Financial crime risk management

### Fraud risk and security risk

#### Fraud risk

The Group establishes and operates a fraud risk framework which measures overall fraud risk exposure and controls. Together with the Group-wide policies and reporting, this structure directs how fraud is managed.

GFCM is responsible for delivering the overall Group Fraud Strategy by providing oversight to Group and business units in the management of fraud risk.

The Group Fraud Strategy is designed to:

- Contain existing risks through effective measurement, monitoring and robust anti-fraud systems, in line with the expansion of the bank
- Identify emerging threats in order that effective fraud controls are embedded across the Group along with increased capability to manage risk
- Identify and manage fraud incidents, ensuring regulatory and legal conformance, appropriate escalation and resolution of control issues to prevent further loss
- Share fraud trends, intelligence and knowledge across the Group and between government bodies, law enforcement agencies, financial institutions and other key stakeholders

GFCM assesses fraud risk across existing and emerging products, channels, and jurisdictions. It has embedded a robust fraud reporting framework which tracks current exposure to identify risk and ensure adequate risk management capability and controls.

The Group's business units identify their appetite for fraud loss which informs and determines the overall fraud plan. Objectives are set around these plans and performance is monitored through reporting and oversight via appropriate Governance Committees at both business unit and Group level.

Barclays undertakes regular benchmarking performance reviews with relevant peer groups and maintains a conduit to ensure a two-way exchange of information and intelligence at government, trade and industry levels.

The Barclays Group Fraud Risk profile is tracked regularly through the review and challenge of the net losses and key risk metrics; these are then viewed against the overall Fraud Risk Profile (at the Fraud Risk Oversight Committee).

Aggregated fraud data is reported monthly to senior management. The performance of the business in combating fraud losses is measured against plan in line with the Principal Risk Policy. Key Risk Indicators are embedded in order that overall exposure can be established. As a result of this process, fraud can be measured and appropriate action taken to minimise or track significant issues.

Barclays overall reported fraud losses increased in 2008 in line with industry trends. Whilst industry and proprietary initiatives (online and Chip/PIN) have continued to pay dividends and reduce exposure in some areas, fraud increased in other areas and in geographies that do not have Chip and PIN technology.

In 2008, the Group implemented a new global fraud application system aimed at preventing first-party fraud.

Compromised customer details continue to be a significant threat globally. GFCM continues to work closely with industry and other associated bodies to:

- Protect any customer whose details may be compromised
- Develop a standard approach for dealing with accounts that may be impacted by any data compromise or security breach
- Reassure customers and provide points of contact for help and guidance.

#### Security risk

GFCM manages security risk. Its fundamental objective is to allow Barclays to operate in a safe and secure manner in all existing and potential future markets.

In pursuit of this objective, the security risk team gathers and shares current threat assessments across business areas, using intelligence from security and government agencies and in-country teams. It ensures that suitable policies and control systems are in place to protect Group business and high-risk personnel.

Barclays has developed and continues to improve a robust Group-wide people-screening process to protect the Group from those people who want to harm the organisation, by either joining as staff members or becoming involved with its operations.

Security risk is regularly reported by the businesses and reviewed via the Security Risk Management Committee, whose objectives are to:

- Consider the latest management information and security threat assessments
- Drive forward mitigating action to protect the Group from potential threats
- Provide guidance to the design and effectiveness of the overall Barclays Security Risk framework
- Ensure all security risk workstreams have been effectively integrated and implemented
- Monitor corporate security profiles against the agreed plan, tracking issues in order that remedial action can be taken

## Risk management

## Statistical information

## Statistical and other risk information

This section of the report contains supplementary information that is more detailed or contains longer histories than the data presented in the discussion. For commentary on this information, please refer to the preceding text (pages 67 to 105).

## Credit risk management

Table 1: Risk Tendency by business

	2008 £m	2007 £m
UK Retail Banking	520	470
Barclays Commercial Bank	400	305
Barclaycard	1,475	955
GRCB – Western Europe	270	135
GRCB – Emerging Markets	350	140
GRCB – Absa	255	190
Barclays Capital	415	140
Barclays Wealth	20	10
Head office functions and other operations <sup>a</sup>	5	10
<b>Risk Tendency by business</b>	<b>3,710</b>	<b>2,355</b>

Table 2: Loans and advances

	2008 £m	2007 £m
Retail businesses		
Customers	201,588	162,081
Total retail businesses	201,588	162,081
Wholesale businesses		
Banks	47,758	40,123
Customers	266,750	187,086
Total wholesale businesses	314,508	227,209
Loans and advances	516,096	389,290

## Note

a Head office functions and other operations comprises discontinued business in transition.



## Statistical information

**Table 3: Maturity analysis of loans and advances to banks**

	On demand	Not more than three months	Over three months but not more than six months	Over six months but not more than one year	Over one year but not more than three years	Over three years but not more than five years	Over five years but not more than ten years	Over ten years	Total
	£m	£m	£m	£m	£m	£m	£m	£m	£m
<b>At 31st December 2008</b>									
United Kingdom	127	6,474	193	163	232	–	–	343	7,532
Other European Union	1,210	10,458	54	415	407	50	5	1	12,600
United States	1,310	11,215	7	676	324	–	–	84	13,616
Africa	584	595	51	1	51	861	8	38	2,189
Rest of the World	1,652	6,957	201	666	884	943	39	479	11,821
	<b>4,883</b>	<b>35,699</b>	<b>506</b>	<b>1,921</b>	<b>1,898</b>	<b>1,854</b>	<b>52</b>	<b>945</b>	<b>47,758</b>

	On demand	Not more than three months	Over three months but not more than six months	Over six months but not more than one year	Over one year but not more than three years	Over three years but not more than five years	Over five years but not more than ten years	Over ten years	Total
	£m	£m	£m	£m	£m	£m	£m	£m	£m
<b>At 31st December 2007</b>									
United Kingdom	796	4,069	56	92	114	20	1	370	5,518
Other European Union	2,977	7,745	74	88	95	116	7	–	11,102
United States	321	5,736	95	1,255	343	98	5,498	97	13,443
Africa	283	1,260	131	114	196	439	158	–	2,581
Rest of the World	1,505	3,336	90	1,640	512	362	15	19	7,479
<b>Loans and advances to banks</b>	<b>5,882</b>	<b>22,146</b>	<b>446</b>	<b>3,189</b>	<b>1,260</b>	<b>1,035</b>	<b>5,679</b>	<b>486</b>	<b>40,123</b>

**Table 4: Interest rate sensitivity of loans and advances**

	2008			2007		
	Fixed rate	Variable rate	Total	Fixed rate	Variable rate	Total
	£m	£m	£m	£m	£m	£m
<b>At 31st December</b>						
Banks	12,101	35,657	47,758	16,447	23,676	40,123
Customers	98,404	369,934	468,338	77,861	271,306	349,167

**Table 5: Loans and advances to customers by industry**

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	7£m	£m	£m	£m
<b>At 31st December</b>					
Financial services	114,069	71,160	45,954	43,102	25,132
Agriculture, forestry and fishing	3,281	3,319	3,997	3,785	2,345
Manufacturing	26,374	16,974	15,451	13,779	9,044
Construction	8,239	5,423	4,056	5,020	3,278
Property	22,155	17,018	16,528	16,325	8,992
Government	5,301	2,036	2,426	1,718	–
Energy and water	14,101	8,632	6,810	6,891	3,709
Wholesale and retail, distribution and leisure	20,208	18,216	15,490	17,760	11,099
Transport	8,612	6,258	5,586	5,960	3,742
Postal and communication	7,268	5,404	2,180	1,313	834
Business and other services	37,373	30,363	26,999	22,529	23,223
Home loans <sup>b</sup>	135,384	106,751	92,477	85,206	79,164
Other personal	53,087	46,423	37,535	39,866	29,293
Finance lease receivables	12,886	11,190	10,142	9,088	6,938
Loans and advances to customers excluding reverse repurchase agreements	468,338	349,167	285,631	272,342	206,793
Reverse repurchase agreements	n/a	n/a	n/a	n/a	58,304
<b>Loans and advances to customers</b>	<b>468,338</b>	<b>349,167</b>	<b>285,631</b>	<b>272,342</b>	<b>265,097</b>

### Notes

a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

b Excludes commercial property mortgages.

**Table 6: Loans and advances to customers in the UK**

	2008	2007	2006	2005	2004 <sup>a</sup>
<b>At 31st December</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>
Financial services	26,091	21,131	14,011	11,958	8,774
Agriculture, forestry and fishing	2,245	2,220	2,307	2,409	1,963
Manufacturing	11,340	9,388	9,047	8,469	5,684
Construction	4,278	3,542	2,761	3,090	2,285
Property	12,091	10,203	10,010	10,547	7,912
Government	20	201	6	6	–
Energy and water	3,040	2,203	2,360	2,701	802
Wholesale and re tail distribution and leisure	14,421	13,800	12,951	12,747	9,356
Transport	3,467	3,185	2,745	2,797	1,822
Postal and communication	1,491	1,416	899	455	440
Business and other services	19,589	20,485	19,260	15,397	13,439
Home loans <sup>b</sup>	82,544	69,874	62,621	57,382	61,348
Other personal	31,490	28,691	27,617	30,598	26,872
Finance lease receivables	3,911	4,008	3,923	5,203	5,551
<b>Loans and advances to customers in the UK</b>	<b>216,018</b>	<b>190,347</b>	<b>170,518</b>	<b>163,759</b>	<b>146,248</b>

Loans and advances included in the above table for the years 2004 to 2007 have been reanalysed between wholesale and retail distribution and leisure, Home loans, and Other personal to reflect changes in classification of assets.

The industry classifications in Tables 7-9 have been prepared at the level of the borrowing entity. This means that a loan to the subsidiary of a major corporation is classified by the industry in which the subsidiary operates, even though the parent's predominant business may be in a different industry.

**Table 7: Loans and advances to customers in other European Union countries**

	2008	2007	2006	2005	2004 <sup>a</sup>
<b>At 31st December</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>	<b>£m</b>
Financial services	14,218	7,585	5,629	3,982	2,419
Agriculture, forestry and fishing	216	141	786	155	280
Manufacturing	8,700	4,175	3,147	2,254	2,021
Construction	1,786	1,159	639	803	716
Property	4,814	2,510	2,162	3,299	344
Government	1,089	–	6	–	–
Energy and water	5,313	2,425	2,050	1,490	940
Wholesale and retail distribution and leisure	2,653	1,719	776	952	810
Transport	2,603	1,933	1,465	1,695	640
Postal and communication	962	662	580	432	111
Business and other services	5,490	3,801	2,343	3,594	3,795
Home loans <sup>b</sup>	33,644	21,405	18,202	16,114	11,828
Other personal	7,247	6,615	4,086	2,283	1,369
Finance lease receivables	3,328	2,403	1,559	1,870	937
<b>Loans and advances to customers in other European Union countries</b>	<b>92,063</b>	<b>56,533</b>	<b>43,430</b>	<b>38,923</b>	<b>26,210</b>

See note under Table 6.

#### Notes

- a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005. The 2004 analysis excludes reverse repurchase agreements.
- b Excludes commercial property mortgages.

## Statistical information

**Table 8: Loans and advances to customers in the United States**

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m
<b>At 31st December</b>					
Financial services	56,006	29,342	17,516	16,229	9,942
Agriculture, forestry and fishing	–	2	2	1	–
Manufacturing	2,171	818	519	937	388
Construction	21	18	13	32	139
Property	549	568	1,714	329	394
Government	336	221	153	300	–
Energy and water	3,085	1,279	1,078	1,261	891
Wholesale and retail distribution and leisure	1,165	846	403	794	466
Transport	415	137	128	148	186
Postal and communication	3,343	2,446	36	236	63
Business and other services	2,279	1,053	1,432	885	1,565
Home loans <sup>b</sup>	17	10	349	2	5,768
Other personal	7,702	3,256	2,022	1,443	845
Finance lease receivables	298	304	312	328	335
<b>Loans and advances to customers in the United States</b>	<b>77,387</b>	<b>40,300</b>	<b>25,677</b>	<b>22,925</b>	<b>20,982</b>

See note under Table 6.

**Table 9: Loans and advances to customers in Africa**

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m
<b>At 31st December</b>					
Financial services	1,956	3,472	2,821	4,350	186
Agriculture, forestry and fishing	817	956	889	1,193	102
Manufacturing	1,082	1,351	1,747	1,501	313
Construction	2,053	637	591	1,068	76
Property	3,485	2,433	1,987	1,673	87
Government	1,741	967	785	625	–
Energy and water	118	356	156	193	184
Wholesale and retail distribution and leisure	1,012	1,326	1,050	2,774	165
Transport	739	116	354	394	137
Postal and communication	293	231	241	27	52
Business and other services	4,699	1,285	2,631	1,258	1,012
Home loans <sup>b</sup>	19,018	15,393	11,223	11,630	214
Other personal	3,087	6,287	2,976	4,955	190
Finance lease receivables	5,130	4,357	4,240	1,580	41
<b>Loans and advances to customers in Africa</b>	<b>45,230</b>	<b>39,167</b>	<b>31,691</b>	<b>33,221</b>	<b>2,759</b>

See note under Table 6.

**Table 10: Loans and advances to customers in the Rest of the World**

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m
<b>At 31st December</b>					
Loans and advances	37,421	22,702	14,207	13,407	10,520
Finance lease receivables	219	118	108	107	74
<b>Loans and advances to customers in the Rest of the World</b>	<b>37,640</b>	<b>22,820</b>	<b>14,315</b>	<b>13,514</b>	<b>10,594</b>

**Notes**

- a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005. The 2004 analysis excludes reverse repurchase agreements.
- b Excludes commercial property mortgages.

**Table 11: Maturity analysis of loans and advances to customers**

	On demand £m	Not more than three months £m	Over three months but not more than six months £m	Over six months but not more than one year £m	Over one year but not more than three years £m	Over three years but not more than five years £m	Over five years but not more than ten years £m	Over ten years £m	Total £m
<b>At 31st December 2008</b>									
United Kingdom									
Corporate lending	24,790	14,715	1,574	3,259	10,585	12,372	10,495	15,876	93,666
Other lending to customers in the									
United Kingdom	4,560	6,264	2,495	4,477	16,604	10,541	21,913	55,498	122,352
Total United Kingdom	29,350	20,979	4,069	7,736	27,189	22,913	32,408	71,374	216,018
Other European Union	5,254	17,618	2,707	5,681	11,808	10,272	10,138	28,585	92,063
United States	6,298	39,754	2,737	5,413	8,767	3,447	4,238	6,733	77,387
Africa	8,428	2,247	1,143	1,852	4,560	4,557	5,674	16,769	45,230
Rest of the World	3,832	8,150	2,167	1,545	9,267	4,008	5,666	3,005	37,640
<b>Total</b>	<b>53,162</b>	<b>88,748</b>	<b>12,823</b>	<b>22,227</b>	<b>61,591</b>	<b>45,197</b>	<b>58,124</b>	<b>126,466</b>	<b>468,338</b>

	On demand £m	Not more than three months £m	Over three months but not more than six months £m	Over six months but not more than one year £m	Over one year but not more than three years £m	Over three years but not more than five years £m	Over five years but not more than ten years £m	Over ten years £m	Total £m	
<b>At 31st December 2007</b>										
United Kingdom										
Corporate lending		26,557	15,737	2,453	3,834	8,474	8,358	10,718	11,643	87,774
Other lending to customers in the United Kingdom		4,384	4,717	2,106	3,597	11,517	8,699	19,325	48,228	102,573
Total United Kingdom		30,941	20,454	4,559	7,431	19,991	17,057	30,043	59,871	190,347
Other European Union		4,016	7,665	2,229	3,284	5,842	4,883	8,842	19,772	56,533
United States		3,053	20,205	3,430	5,938	1,904	2,498	2,658	614	40,300
Africa		6,806	4,243	881	1,969	5,568	4,124	2,285	13,291	39,167
Rest of the World		1,085	9,733	1,695	859	2,223	2,586	3,685	954	22,820
<b>Loans and advances to customers</b>		<b>45,901</b>	<b>62,300</b>	<b>12,794</b>	<b>19,481</b>	<b>35,528</b>	<b>31,148</b>	<b>47,513</b>	<b>94,502</b>	<b>349,167</b>

**Table 12: Foreign outstandings in currencies other than the local currency of the borrower for countries where this exceeds 1% of total Group assets**

	As % of assets	Total £m	Banks and other financial institutions £m	Governments and official institutions £m	Commercial industrial and other private sectors £m
<b>At 31st December 2008</b>					
United States	3.1	63,614	16,724	2	46,888
Cayman Islands	1.2	23,765	271	–	23,494
<b>At 31st December 2007</b>					
United States	2.1	26,249	7,151	6	19,092
<b>At 31st December 2006</b>					
United States	1.7	16,579	7,307	89	9,183

At 31st December 2008, 2007 and 2006, there were no countries where Barclays had cross-currency loans to borrowers between 0.75% and 1% of total Group assets.

## Statistical information

**Table 13: Off-balance sheet and other credit exposures as at 31st December**

	2008 £m	2007 £m	2006 £m
<b>Off-balance sheet exposures</b>			
Contingent liabilities	66,310	45,774	39,419
Commitments	260,816	192,639	205,504
<b>On-balance sheet exposures</b>			
Trading portfolio assets	185,637	193,691	177,867
Financial assets designated at fair value held on own account	54,542	56,629	31,799
Derivative financial instruments	984,802	248,088	138,353
Available for sale financial investments	64,976	43,072	51,703

**Table 14: Notional principal amounts of credit derivatives as at 31st December**

	2008 £m	2007 £m	2006 £m
Credit derivatives held or issued for trading purposes <sup>a</sup>	4,129,244	2,472,249	1,224,548

**Table 15: Credit risk loans summary**

At 31st December	2008 £m	2007 £m	2006 £m	2005 £m	2004 <sup>b</sup> £m
Impaired loans <sup>c</sup>	12,264	8,574	4,444	4,550	n/a
Non-accruing loans	n/a	n/a	n/a	n/a	2,115
Accruing loans where interest is being suspended with or without provisions	n/a	n/a	n/a	n/a	492
Other accruing loans against which provisions have been made	n/a	n/a	n/a	n/a	943
Subtotal	12,264	8,574	4,444	4,550	3,550
Accruing loans which are contractually overdue 90 days or more as to principal or interest	2,953	794	598	609	550
Impaired and restructured loans	483	273	46	51	15
<b>Credit risk loans</b>	<b>15,700</b>	<b>9,641</b>	<b>5,088</b>	<b>5,210</b>	<b>4,115</b>

### Notes

- a Includes credit derivatives held as economic hedges which are not designated as hedges for accounting purposes.
- b 2004 does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.
- c Includes £4,117m (2007: £3,344m) of ABS CDO Super Senior exposures.

Table 16: Credit risk loans

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m
<b>At 31st December</b>					
<b>Impaired loans:<sup>b</sup></b>					
United Kingdom	3,793	3,605	3,340	2,965	n/a
Other European Union	1,713	472	410	345	n/a
United States	4,397	3,703	129	230	n/a
Africa	1,996	757	535	831	n/a
Rest of the World	365	37	30	179	n/a
<b>Total</b>	<b>12,264</b>	<b>8,574</b>	<b>4,444</b>	<b>4,550</b>	<b>n/a</b>
<b>Non-accrual loans:</b>					
United Kingdom	n/a	n/a	n/a	n/a	1,509
Other European Union	n/a	n/a	n/a	n/a	243
United States	n/a	n/a	n/a	n/a	258
Africa	n/a	n/a	n/a	n/a	74
Rest of the World	n/a	n/a	n/a	n/a	31
<b>Total</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>2,115</b>
<b>Accruing loans where interest is being suspended with or without provisions:</b>					
United Kingdom	n/a	n/a	n/a	n/a	323
Other European Union	n/a	n/a	n/a	n/a	31
Africa	n/a	n/a	n/a	n/a	21
Rest of the World	n/a	n/a	n/a	n/a	117
<b>Total</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>492</b>
<b>Other accruing loans against which provisions have been made:</b>					
United Kingdom	n/a	n/a	n/a	n/a	865
Other European Union	n/a	n/a	n/a	n/a	27
United States	n/a	n/a	n/a	n/a	26
Africa	n/a	n/a	n/a	n/a	21
Rest of the World	n/a	n/a	n/a	n/a	4
<b>Total</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>943</b>
<b>Accruing loans which are contractually overdue 90 days or more as to principal or interest:</b>					
United Kingdom	1,656	676	516	539	513
Other European Union	562	79	58	53	34
United States	433	10	3	–	1
Africa	172	29	21	17	1
Rest of the World	130	–	–	–	1
<b>Total</b>	<b>2,953</b>	<b>794</b>	<b>598</b>	<b>609</b>	<b>550</b>
<b>Impaired and restructured loans:</b>					
United Kingdom	367	179	–	5	2
Other European Union	29	14	10	7	–
United States	82	38	22	16	13
Africa	–	42	14	23	–
Rest of the World	5	–	–	–	–
<b>Total</b>	<b>483</b>	<b>273</b>	<b>46</b>	<b>51</b>	<b>15</b>
<b>Total credit risk loans:</b>					
United Kingdom	5,816	4,460	3,856	3,509	3,212
Other European Union	2,304	565	478	405	335
United States	4,912	3,751	154	246	298
Africa	2,168	828	570	871	117
Rest of the World	500	37	30	179	153
<b>Credit risk loans</b>	<b>15,700</b>	<b>9,641</b>	<b>5,088</b>	<b>5,210</b>	<b>4,115</b>

## Notes

a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

b Includes £4,117m (2007: £3,344m) of ABS CDO Super Senior Exposures.

## Statistical information

Table 17: Potential problem loans

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m
<b>At 31st December</b>					
United Kingdom	883	419	465	640	658
Other European Union	963	59	32	26	32
United States	431	964	21	12	27
Africa	140	355	240	248	67
Rest of the World	39	—	3	3	14
<b>Potential problem loans<sup>b</sup></b>	<b>2,456</b>	<b>1,797</b>	<b>761</b>	<b>929</b>	<b>798</b>

Table 18: Interest foregone on credit risk loans

	2008	2007	2006
	£m	£m	£m
<b>Interest in come that would have been recognised under the original contractual terms</b>			
United Kingdom	244	340	357
Rest of the World	235	91	70
<b>Total</b>	<b>479</b>	<b>431</b>	<b>427</b>

Interest income of approximately £195m (2007: £48m, 2006: £72m) from such loans was included in profit, of which £72m (2007: £26m, 2006: £49m) related to domestic lending and the remainder related to foreign lending.

In addition, a further £159m (2007: £113m, 2006: £98m) was recognised arising from impaired loans. Following impairment, interest income is recognised using the original effective rate of interest which was used to discount the expected future cash flows for the purpose of measuring the impairment loss. £54m (2007: £93m, 2006: £88m) of this related to domestic impaired loans and the remainder related to foreign impaired loans.

Table 19: Analysis of impairment/provision charges

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m
<b>At 31st December</b>					
Impairment charge/net specific provisions charge					
United Kingdom	1,817	1,593	1,880	1,382	1,021
Other European Union	587	123	92	75	102
United States	1,519	374	12	76	57
Africa	454	214	143	37	27
Rest of the World	207	2	(53)	4	103
Impairment on loans and advances	4,584	2,306	2,074	1,574	1,310
Impairment on available for sale assets	382	13	86	4	n/a
Impairment on reverse repurchase agreements	124	—	—	—	—
<b>Impairment charge</b>	<b>5,090</b>	<b>2,319</b>	<b>2,160</b>	<b>1,578</b>	<b>1,310</b>
Total net specific provisions charge	n/a	n/a	n/a	n/a	n/a
General provisions (release)/charge	n/a	n/a	n/a	n/a	(206)
Other credit provisions charge/(release)	329	476	(6)	(7)	(11)
<b>Impairment/provision charges</b>	<b>5,419</b>	<b>2,795</b>	<b>2,154</b>	<b>1,571</b>	<b>1,093</b>

## Notes

a Does not reflect the application of IA S 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

b Includes £nil (2007: £951m) of ABS CDO Super Senior and SIV-lites exposures.



**Table 20: Impairment/provisions charges ratios ('Loan loss ratios')**

	2008	2007	2006	2005	2004 <sup>a</sup>
	%	%	%	%	%
Impairment/provisions charges as a percentage of average loans and advances for the year:					
Specific provisions charge	n/a	n/a	n/a	n/a	0.40
General provisions charge	n/a	n/a	n/a	n/a	(0.07)
Impairment charge	1.01	0.64	0.66	0.58	n/a
<b>Total</b>	<b>1.01</b>	<b>0.64</b>	<b>0.66</b>	<b>0.58</b>	<b>0.33</b>
<b>Amounts written off (net of recoveries)</b>	<b>0.61</b>	<b>0.49</b>	<b>0.61</b>	<b>0.50</b>	<b>0.40</b>

**Table 21: Analysis of allowance for impairment/provision for bad and doubtful debts**

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m
<b>Impairment allowance/Specific provisions</b>					
United Kingdom	2,947	2,526	2,477	2,266	1,683
Other European Union	963	344	311	284	149
United States	1,561	356	100	130	155
Africa	857	514	417	647	70
Rest of the World	246	32	30	123	90
<b>Specific provision balances</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>2,147</b>
<b>General provision balances</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>564</b>
<b>Allowance for impairment provision balances</b>	<b>6,574</b>	<b>3,772</b>	<b>3,335</b>	<b>3,450</b>	<b>2,711</b>
<b>Average loans and advances for the year</b>	<b>453,413</b>	<b>357,853</b>	<b>313,614</b>	<b>271,421</b>	<b>328,134</b>

**Table 22: Allowance for impairment/provision balance ratios**

	2008	2007	2006	2005	2004 <sup>a</sup>
	%	%	%	%	%
Allowance for impairment/provision balance at end of year as a percentage of loans and advances at end of year:					
Specific provision balances	n/a	n/a	n/a	n/a	0.62
General provision balances	n/a	n/a	n/a	n/a	0.16
Impairment balance	1.27	0.97	1.05	1.14	n/a
<b>Total</b>	<b>1.27</b>	<b>0.97</b>	<b>1.05</b>	<b>1.14</b>	<b>0.78</b>

**Note**

a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

## Statistical information

**Table 23: Movements in allowance for impairment/provisions charge for bad and doubtful debts**

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m
Allowance for impairment/provision balance at beginning of year	3,772	3,335	3,450	2,637	2,946
Acquisitions and disposals	307	(73)	(23)	555	21
Unwind of discount	(135)	(113)	(98)	(76)	n/a
Exchange and other adjustments	791	53	(153)	125	(33)
Amounts written off	(2,919)	(1,963)	(2,174)	(1,587)	(1,582)
Recoveries	174	227	259	222	255
Impairment/provision charged against profit <sup>b</sup>	4,584	2,306	2,074	1,574	1,104
<b>Allowance for impairment/provision balance at end of year</b>	<b>6,574</b>	<b>3,772</b>	<b>3,335</b>	<b>3,450</b>	<b>2,711</b>

**Table 24: Amounts written off**

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m
United Kingdom	(1,514)	(1,530)	(1,746)	(1,302)	(1,280)
Other European Union	(162)	(143)	(74)	(56)	(63)
United States	(1,044)	(145)	(46)	(143)	(50)
Africa	(187)	(145)	(264)	(81)	(15)
Rest of the World	(12)	—	(44)	(5)	(174)
<b>Amounts written off</b>	<b>(2,919)</b>	<b>(1,963)</b>	<b>(2,174)</b>	<b>(1,587)</b>	<b>(1,582)</b>

**Table 25: Recoveries**

	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m
United Kingdom	131	154	178	160	217
Other European Union	4	32	18	13	9
United States	1	7	22	15	14
Africa	36	34	33	16	4
Rest of the World	2	—	8	18	11
<b>Recoveries</b>	<b>174</b>	<b>227</b>	<b>259</b>	<b>222</b>	<b>255</b>

**Notes**

- a Does not reflect the application of IA S 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.
- b Does not reflect the impairment of available for sale assets or other credit risk provisions.

**Table 26: Impairment allowances/provision charged against profit**

	2008 £m	2007 £m	2006 £m	2005 £m	2004 <sup>a</sup> £m
New and in creased impairment allowance/specific provision charge:					
United Kingdom	2,160	1,960	2,253	1,763	1,358
Other European Union	659	192	182	113	131
United States	1,529	431	60	105	85
Africa	526	268	209	109	47
Rest of the World	242	20	18	39	134
	<b>5,116</b>	<b>2,871</b>	<b>2,722</b>	<b>2,129</b>	<b>1,755</b>
Reversals of impairment allowance/specific provision charge:					
United Kingdom	(212)	(213)	(195)	(221)	(120)
Other European Union	(68)	(37)	(72)	(25)	(20)
United States	(9)	(50)	(26)	(14)	(14)
Africa	(36)	(20)	(33)	(56)	(16)
Rest of the World	(33)	(18)	(63)	(17)	(20)
	<b>(358)</b>	<b>(338)</b>	<b>(389)</b>	<b>(333)</b>	<b>(190)</b>
Recoveries	(174)	(227)	(259)	(222)	(255)
Net impairment allowance/specific provision charge <sup>b</sup>	4,584	2,306	2,074	1,574	1,310
General provision (release)/charge	n/a	n/a	n/a	n/a	(206)
<b>Net charge to profit</b>	<b>4,584</b>	<b>2,306</b>	<b>2,074</b>	<b>1,574</b>	<b>1,104</b>

**Table 27: Total impairment/specific provision charges for bad and doubtful debts by industry**

	2008 £m	2007 £m	2006 £m	2005 £m	2004 <sup>a</sup> £m
United Kingdom:					
Financial services	76	32	64	22	(1)
Agriculture, forestry and fishing	4	–	5	9	–
Manufacturing	118	72	1	120	28
Construction	15	14	17	14	10
Property	80	36	15	18	(42)
Energy and water	1	1	(7)	1	3
Wholesale and retail distribution and leisure	59	118	88	39	66
Transport	3	3	19	(27)	(19)
Postal and communication	–	15	15	3	(1)
Business and other services	234	81	133	45	64
Home loans	28	1	4	(7)	17
Other personal	1,178	1,187	1,526	1,142	894
Finance lease receivables	21	33	–	3	2
	<b>1,817</b>	<b>1,593</b>	<b>1,880</b>	<b>1,382</b>	<b>1,021</b>
Overseas	2,767	713	194	192	289
<b>Impairment/specific provision charges</b>	<b>4,584</b>	<b>2,306</b>	<b>2,074</b>	<b>1,574</b>	<b>1,310</b>

The category 'Other personal' now includes credit cards, personal loans, second liens and personal overdrafts.

The industry classifications in Tables 27, 28 and 29 have been prepared at the level of the borrowing entity. This means that a loan

to the subsidiary of a major corporation is classified by the industry in which the subsidiary operates, even though the parent's predominant business may be in a different industry.

## Notes

a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

b Does not reflect the impairment of available for sale assets, reverse repurchase agreements or other credit risk provisions.

## Statistical information

Table 28: Allowance for impairment/specific provision for bad and doubtful debts by industry

	2008		2007		2006		2005		2004 <sup>a</sup>	
	£m	%	£m	%	£m	%	£m	%	£m	%
United Kingdom:										
Financial services	81	1.2	103	2.7	67	2.0	26	0.8	7	0.3
Agriculture, forestry and fishing	1	0.0	5	0.1	17	0.5	12	0.3	4	0.2
Manufacturing	185	2.8	65	1.7	85	2.5	181	5.2	37	1.7
Construction	18	0.3	16	0.4	16	0.5	13	0.4	6	0.3
Property	114	1.7	54	1.4	26	0.8	24	0.7	26	1.2
Energy and water	1	0.0	1	—	—	—	18	0.5	23	1.0
Wholesale and retail distribution and leisure	43	0.7	102	2.7	81	2.4	99	2.9	70	3.3
Transport	—	0.0	11	0.3	24	0.7	32	0.9	55	2.6
Postal and communication	33	0.5	25	0.7	12	0.4	2	0.1	13	0.6
Business and other services	236	3.6	158	4.2	186	5.6	102	3.0	105	4.9
Home loans	46	0.7	15	0.4	10	0.3	50	1.4	58	2.7
Other personal	2,160	32.9	1,915	50.8	1,953	58.6	1,696	49.2	1,265	58.9
Finance lease receivables	29	0.4	56	1.5	—	—	11	0.3	14	0.7
	<b>2,947</b>	<b>44.8</b>	<b>2,526</b>	<b>67.0</b>	<b>2,477</b>	<b>74.3</b>	<b>2,266</b>	<b>65.7</b>	<b>1,683</b>	<b>78.4</b>
Overseas	3,627	55.2	1,246	33.0	858	25.7	1,184	34.3	464	21.6
<b>Total</b>	<b>6,574</b>	<b>100.0</b>	<b>3,772</b>	<b>100.0</b>	<b>3,335</b>	<b>100.0</b>	<b>3,450</b>	<b>100.0</b>	<b>2,147</b>	<b>100.0</b>

See note under Table 27.

Table 29: Analysis of amounts written off and recovered by industry

	Amounts written off for the year					Recoveries of amounts previously written off				
	2008	2007	2006	2005	2004 <sup>a</sup>	2008	2007	2006	2005	2004 <sup>a</sup>
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
United Kingdom:										
Financial services	88	6	13	2	7	4	1	—	1	3
Agriculture, forestry and fishing	6	5	8	3	2	—	2	1	—	1
Manufacturing	53	83	73	47	79	8	7	21	11	30
Construction	19	23	17	15	13	2	3	2	1	2
Property	27	16	23	4	2	2	10	6	1	69
Energy and water	1	—	1	22	9	—	—	2	—	2
Wholesale and retail distribution and leisure	137	109	120	85	55	7	12	14	25	7
Transport	10	13	11	29	44	1	—	1	10	15
Postal and communication	3	3	5	15	2	—	—	—	—	1
Business and other services	153	83	124	83	96	10	22	17	14	16
Home loans	4	1	—	2	19	1	1	7	4	5
Other personal	960	1,164	1,351	992	948	88	96	107	92	65
Finance lease receivables	53	24	—	3	4	8	—	—	1	1
	<b>1,514</b>	<b>1,530</b>	<b>1,746</b>	<b>1,302</b>	<b>1,280</b>	<b>131</b>	<b>154</b>	<b>178</b>	<b>160</b>	<b>217</b>
Overseas	1,405	433	428	285	302	43	73	81	62	38
<b>Total</b>	<b>2,919</b>	<b>1,963</b>	<b>2,174</b>	<b>1,587</b>	<b>1,582</b>	<b>174</b>	<b>227</b>	<b>259</b>	<b>222</b>	<b>255</b>

See note under Table 27.

## Note

a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

**Table 30: Total impairment allowance/(provision) coverage of credit risk loans**

	2008	2007	2006	2005	2004 <sup>a</sup>
	%	%	%	%	%
United Kingdom	50.7	56.6	64.2	64.6	68.1
Other European Union	41.8	60.9	65.1	70.1	60.9
United States	31.8	9.5	64.9	52.8	57.0
Africa	39.5	62.1	73.2	74.3	68.4
Rest of the World	49.2	86.5	100.0	68.7	71.9
Total coverage of credit risk loans	41.9	39.1	65.6	66.2	66.9
Total coverage of credit risk loans excluding ABS CDO Super Senior exposure	48.0	55.3	65.6	66.2	66.9

**Table 31: Total impairment allowance/(provision) coverage of potential credit risk lending (CRLs and PPLs)**

	2008	2007	2006	2005	2004 <sup>a</sup>
	%	%	%	%	%
United Kingdom	44.0	51.8	57.3	54.6	56.5
Other European Union	29.5	55.1	61.0	65.9	55.6
United States	29.2	7.6	57.1	50.4	52.3
Africa	37.1	43.4	51.5	57.8	43.5
Rest of the World	45.5	86.5	91.0	67.6	65.9
Total coverage of potential credit risk lending	36.2	33.0	57.0	56.2	56.0
Total coverage of potential credit risk lenders excluding ABS CDO Super Senior exposure	39.6	47.7	57.0	56.2	56.0

Allowance coverage of credit risk loans and potential credit risk loans excluding the drawn ABS CDO Super Senior exposure decreased to 48.0% (31st December 2007: 55.3%) and 39.6% (31st December 2007: 47.7%), respectively. The decrease in these ratios reflected a change in the mix of credit risk loans and potential credit risk loans: unsecured retail exposures, where the recovery outlook is relatively low, decreased as a proportion of the total as the collections and underwriting processes were improved. Secured retail and wholesale and corporate exposures, where the recovery outlook is relatively high, increased as a proportion of credit risk loans and potential credit risk loans.

#### Note

a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

## Risk management

# Supervision and regulation

The Group's operations, including its overseas offices, subsidiaries and associates, are subject to a significant body of rules and regulations that are a condition for authorisation to conduct banking and financial services business and constrain business operations. These include reserve and reporting requirements and conduct of business regulations. These requirements are imposed by the relevant central banks and regulatory authorities that supervise the Group in the jurisdictions in which it operates. The requirements reflect global standards developed by, among others, the Basel Committee on Banking Supervision and the International Organisation of Securities Commissions. They also reflect requirements derived from EU directives.

In the UK, the FSA is the independent body responsible for the regulation of deposit taking, life insurance, home mortgages, general insurance and investment business. Barclays Bank PLC is authorised by the FSA to carry on a range of regulated activities within the UK and is subject to consolidated supervision by the FSA. In its role as supervisor, the FSA seeks to ensure the safety and soundness of financial institutions with the aim of strengthening, but not guaranteeing, the protection of customers. The FSA's continuing supervision of financial institutions is conducted through a variety of regulatory tools, including the collection of information from statistical and prudential returns, reports obtained from skilled persons, visits to firms and regular meetings with management to discuss issues such as performance, risk management and strategy.

The FSA adopts a risk-based approach to supervision. The starting point for supervision of all financial institutions is a systematic analysis of the risk profile for each authorised firm. The FSA has adopted a homogeneous risk, processes and resourcing model in its approach to its supervisory responsibilities (known as the ARROW model) and the results of the risk assessment are used by the FSA to develop a risk mitigation programme for a firm. The FSA also promulgates requirements that banks and other financial institutions are required to meet on matters such as capital adequacy, limits on large exposures to individual entities and groups of closely connected entities, liquidity and rules of business conduct.

Banks, insurance companies and other financial institutions in the UK are subject to a single financial services compensation scheme (the Financial Services Compensation Scheme) where an authorised firm is unable or is likely to be unable to meet claims made against it because of its financial circumstances. Most deposits made with branches of Barclays Bank PLC within the European Economic Area (EEA) which are denominated in Sterling or other EEA currencies (including the Euro) are covered by the Scheme. Most claims made in respect of investment business will also be protected claims if the business was carried on from the UK or from a branch of the bank or investment firm in another EEA member state.

Outside the UK, the Group has operations (and main regulators) located in continental Europe, in particular France, Germany, Spain, Switzerland, Portugal and Italy (local central banks and other regulatory authorities); Asia Pacific (various regulatory authorities including the Hong Kong Monetary Authority, the Financial Services Agency of Japan, the Australian Securities and Investments Commission, the Monetary Authority of Singapore, the China Banking Regulatory Commission and the Reserve Bank of India); Africa and the Middle East (various regulatory authorities including the South African Reserve Bank and the Financial Services Board and the regulatory authorities of the United Arab Emirates) and the United States of America (including the Board of Governors of the Federal Reserve System (FRB), the Office of the Comptroller of the Currency (OCC) and the Securities and Exchange Commission).

In Europe, the UK regulatory agenda is considerably shaped and influenced by the directives emanating from the EU. These form part of the European Single Market programme, an important feature of which is the framework for the regulation of authorised firms. This framework is designed to enable a credit institution or investment firm authorised in one EU member state to conduct banking or investment business through the establishment of branches or by the provision of services on a cross-border basis in

other member states without the need for local authorisation. Barclays operations in Europe are authorised and regulated by a combination of both home (the FSA) and host regulators.

Barclays operations in South Africa, including Absa Group Limited, are supervised and regulated by the South African Reserve Bank (SARB) and the Financial Services Board (FSB). SARB oversees the banking industry and follows a risk-based approach to supervision whilst the FSB oversees the non-banking financial services industry and focuses on enhancing consumer protection and regulating market conduct.

In the United States, Barclays PLC, Barclays Bank PLC, and Barclays' US banking subsidiaries are subject to a comprehensive regulatory structure involving numerous statutes, rules and regulations. Barclays Bank PLC's branches in New York and Florida are licensed by, and subject to regulation and examination by, their respective licensing authorities, the New York State Banking Department and the Florida Office of Financial Regulation. Barclays Bank PLC also operates a federal agency in California that is licensed by and subject to regulation and examination by the OCC. Barclays Global Investors, NA is a federally chartered trust company subject to regulation and examination by the OCC. Barclays Bank Delaware is a Delaware-chartered commercial bank subject to regulation and examination by the Federal Deposit Insurance Corporation and the Delaware State Banking Commissioner. In addition, the FRB is the primary US federal regulator for the New York and Florida branches and also exercises regulatory authority over Barclays other US operations. The regulation of Barclays and its US banking subsidiaries imposes restrictions on the activities of Barclays, including its US banking subsidiaries and Barclays Bank PLC's US branches and agencies, as well as prudential restrictions, such as limits on extensions of credit by the Barclays Bank PLC's US branches and agencies and the US banking subsidiaries to a single borrower and to Barclays subsidiaries and affiliates.

The licensing authority of each US branch has the authority, in certain circumstances, to take possession of the business and property of Barclays Bank PLC located in the state of the office it licenses. Such circumstances generally include violations of law, unsafe business practices and insolvency. As long as Barclays Bank PLC maintains one or more federal branches or agencies, the OCC also has the authority to take possession of the US operations of Barclays Bank PLC under similar circumstances, and this federal power may pre-empt the state insolvency regimes that would otherwise be applicable to Barclays Bank PLC's state-licensed branches. As a result, if the OCC exercised its authority over the US agency of Barclays Bank PLC pursuant to federal law in the event of a Barclays Bank PLC insolvency, all of Barclays Bank PLC's US assets would most likely be applied first to satisfy creditors of its US branches and agencies as a group, and then made available for application pursuant to any UK insolvency proceeding.

In addition to the direct regulation of Barclays US banking offices, Barclays US operations subject Barclays to regulation by the FRB under various laws, including the International Banking Act of 1978 and the Bank Holding Company Act of 1956 (BHC Act). Barclays PLC, Barclays Bank PLC and Barclays Group US Inc. are bank holding companies registered with the FRB. Each has elected to be treated as a financial holding company under the BHC Act. Financial holding companies may engage in a broader range of financial and related activities than are permitted to banking organisations that do not maintain financial holding company status, including underwriting and dealing in all types of securities. To maintain the financial holding company status of each of Barclays PLC, Barclays Bank PLC and Barclays Group US Inc., Barclays Bank PLC is required to meet or exceed certain capital ratios and to be deemed to be "well managed" and Barclays Bank Delaware and Barclays Global Investors, NA must also meet certain capital requirements and be deemed to be "well managed". Barclays Bank Delaware must also have at least a "satisfactory" rating under the Community Reinvestment Act of 1977. Barclays is required to obtain the prior approval of the FRB before acquiring, directly or indirectly, the ownership or control of more than 5% of any class of voting securities of any US bank or bank holding company. Under current FRB policy, Barclays is required to act as a source of financial strength for Barclays Bank Delaware. This policy could, among other things, require Barclays to inject capital into any of its US banking subsidiaries if they become undercapitalised. A major focus of US governmental policy relating to financial institutions in recent years has been combating money laundering and terrorist financing and enforcing compliance with US economic sanctions. Regulations applicable to US operations of Barclays Bank PLC and its subsidiaries impose obligations to maintain appropriate policies,

procedures and controls to detect, prevent and report money laundering and terrorist financing and to ensure compliance with US economic sanctions against designated foreign

countries, nationals and others. Failure of a financial institution to maintain and implement adequate programmes to combat money laundering and terrorist financing or to ensure economic sanction compliance could have serious legal and reputational consequences for the institution. See Financial Statement Note 36 for further discussion of competition and regulatory matters.

Barclays investment banking operations are subject to regulations that cover all aspects of the securities business, including:

- Sales Methods
- Trade practices among broker-dealers
- Use and safekeeping of customers' funds and securities
- Capital structure
- Record-keeping
- The financing of customers' purchases
- Procedures for compliance with US securities law
- The conduct of directors, officers and employees

Barclays Capital Inc. and the other subsidiaries that conduct these operations are regulated by a number of different government agencies and self-regulatory organizations, including the Securities and Exchange Commission and the Financial Institution Regulatory Authority (FINRA). Depending upon the specific nature of a broker-dealer's business, it may also be regulated by some or all of the New York Stock Exchange (NYSE), the Municipal Securities Rulemaking Board, the US Department of the Treasury, the Commodities Futures Trading Commission and other exchanges of which it may be a member. In addition, the US states, provinces and territories have local securities commissions that regulate and monitor activities in the interest of investor protection. These regulators have available a variety of sanctions, including the authority to conduct administrative proceedings that can result in censure, fines, the issuance of cease-and-desist orders or the suspension or expulsion of the entity or its directors, officers or employees.

Barclays subsidiaries in the US are also subject to regulation by applicable federal and state regulators of their activities in the asset management, investment advisory, mutual fund and mortgage lending businesses.

### Regulatory Developments

In the wake of the financial crisis there will be regulatory change that will have a substantial impact on all financial institutions, including the Group. The full extent of this impact is not yet clear. Programmes to reform the global regulatory framework were agreed first by G8 Finance Ministers in April 2008 and subsequently by G20 Heads of Government in November 2008. In the EU, Finance Ministers agreed a roadmap for regulatory reform in May 2008. There is a substantial degree of commonality to these programmes covering issues of capital and liquidity regulation, risk management and accounting standards. These programmes will be further developed and implemented in 2009.

In the UK, in response to the financial crisis, the Chairman of the FSA has been requested by the Chancellor of the Exchequer to undertake a review of banking regulation. The Chancellor has indicated that he will be presenting a White Paper on the supervision of banking in spring 2009 with the expectation that proposals for legislation will be presented to Parliament. He has also commissioned Sir David Walker to review the corporate governance of the UK banking industry. The results of this review are expected before the end of 2009. The FSA has re-examined its regulatory requirements and processes, substantially increasing regulatory capital requirements in October 2008. It has also been undertaking a Supervisory Enhancement Programme that will increase both the resources devoted to supervision and the intensity of supervision.

On 21st February 2009, the Banking Act 2009 came into force which provides a permanent regime to allow the FSA, the UK Treasury and the Bank of England (the 'Tripartite Authorities') to resolve failing banks in the UK. The Banking Act aims to balance the need to protect depositors and prevent systemic failure with the potentially adverse consequences that using powers to deal with those events could have on private law rights, and, as a consequence, wider markets and investor confidence.

These powers, which apply regardless of any contractual restrictions, include (a) power to issue share transfer orders pursuant to which there may be transferred to a commercial purchaser or Bank of England entity, all or some of the securities issued by a bank. The share transfer order can extend to a wide range of 'securities' including shares and bonds issued by a UK Bank (including Barclays Bank PLC) or its holding company (Barclays PLC) and warrants for such and (b) the power to transfer all or some of the property, rights and liabilities of the UK bank to a purchaser or Bank of England entity. In certain circumstances encumbrances and trusts can be over-reached. Power also exists to override any default provisions in transactions otherwise affected by these powers. Compensation may be payable in the context of both share transfer orders and property appropriation. In the case of share transfer orders any compensation will be paid to the person who held the security immediately before the transfer, who may not be the encumbrancer.

The Banking Act also vests power in the Bank of England to override, vary or impose contractual obligations between a UK bank or its holding company and its former group undertakings (as defined in the Banking Act), for reasonable consideration, in order to enable any transferee or successor bank of the UK bank to operate effectively. There is also power for the Treasury to amend the law (save for a provision made by or under the Banking Act) by order for the purpose of enabling it to use the special resolution regime powers effectively, potentially with retrospective effect. The Banking Act also gives the Bank of England statutory responsibility for financial stability in the UK and for the oversight of payment systems.

Amendments are being made to the EU framework of directives, including to the Capital Requirements Directive and to the Directive on Deposit Guarantee Schemes. Further amendments to EU regulatory requirements are likely as the EU develops its response to the financial crisis, including the structure of the regulatory system in Europe as proposed in the report of a high-level Commission group published on 25 February 2009.

In the United States, the FDIC has established a Temporary Liquidity Guarantee Program (TLGP) for eligible institutions including, among others, US bank holding companies and FDIC-insured depository institutions, unless they opted out. Under the TLGP, the FDIC will insure the entire amount of non-interest bearing transaction account deposits of eligible institutions until December 31, 2009 and certain senior unsecured debt of eligible institutions issued before June 30, 2009. Barclays Bank Delaware and Barclays Group US, Inc. are eligible to participate in the TLGP, and they have opted in. Barclays PLC and Barclays Bank PLC, as non-US banks or bank holding companies, are not eligible to participate in the TLGP. The US Department of the Treasury has invested approximately \$250 billion in the capital of US depository institutions and depository institution holding companies through a Capital Purchase Program authorized under the US Emergency Economic Stabilization Act of 2008 and is expected to continue to make capital investments under the authority of this act. Barclays, as a non-US institution, is not eligible for capital investments by the US Treasury under existing programs.

Another recent focus of US governmental policy relating to the financial services sector generally has been on disclosure and sales practices relating to the sector's subprime mortgage and other lending.

In addition, in the United States, as elsewhere, recent market disruptions and economic conditions have led to numerous proposals for changes and significant increases in the regulation of the financial services industry. However, given the current environment and status of such proposals, it is difficult to determine the nature and form of any regulation that may arise in the United States from any such proposals.



## Governance

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# Board and Executive Committee

## 1. Marcus Agius

### Group Chairman (Age 62)

Marcus has an extensive background in banking, having worked at Lazard from 1972 to 2006. He also has experience of chairing large organisations, including BAA plc and Lazard in London. Marcus is Senior Independent Director of the British Broadcasting Corporation (BBC).

**Term of office** Marcus joined the Board in September 2006 as a non-executive Director and was appointed Group Chairman on 1st January 2007. Marcus was last re-elected by shareholders at the AGM in 2007, following his appointment.

**Independent** On appointment

**External appointments** Senior Independent Director of the BBC since 2006. Trustee to the Board of the Royal Botanic Gardens, Kew. Chairman of The Foundation and Friends of the Royal Botanic Gardens, Kew. Chairman of Lazard in London and Deputy Chairman of Lazard LLC until 2006. Chairman of BAA plc until 2006.

**Committee membership** Chairman of the Board Corporate Governance and Nominations Committee since January 2007. Member of the Board HR and Remuneration Committee since January 2007.

## 2. David Booth

### Non-executive Director (Age 54)

David currently manages his own venture capital investments, having retired from the Management Committee of Morgan Stanley in 1997. David was employed by Morgan Stanley from 1982 to 1992, and again from 1995 to 1997. He held various positions there, including Head of Government Bond Trading, Head of Mortgage Trading, Sales and Finance and Head of Global Operations and Technology.

**Term of office** David joined the Board in May 2007. David was last re-elected by shareholders at the AGM in 2008, following his appointment.

**Independent** Yes

**External appointments** Director of East Ferry Investors, Inc., Trustee of the Brooklyn Botanic Garden. Chair of the Brooklyn Botanic Garden Investment Committee. Various positions at Morgan Stanley & Co. until 1997. Discount Corporation of New York until 1993.

**Committee membership** Member of the Board Risk Committee since January 2008.

## 3. Sir Richard Broadbent

### Senior Independent Director (Age 55)

Sir Richard has experience of both the private and public sector having worked in high-level banking roles and the Civil Service. He was the Executive Chairman of HM Customs and Excise from 2000 to 2003 and was formerly a member of the Group Executive Committee of Schroders PLC and a non-executive Director of the Securities Institute. Sir Richard is Chairman of Arriva PLC.

**Term of office** Sir Richard joined the Board in September 2003 and was appointed Senior Independent Director on 1st September 2004. Sir Richard was last re-elected by shareholders at the AGM in 2006.

**Independent** Yes

**External appointments** Chairman of Arriva PLC since 2004. Executive Chairman of HM Customs and Excise until 2003. Former Group Executive Committee member of Schroders PLC. Non-executive Director of the Securities Institute until 1995.

**Committee membership** Chairman of the Board Risk Committee since January 2006 (member since April 2004). Chairman of the Board HR and Remuneration Committee since January 2007 (member since April 2004). Member of the Board Corporate Governance and Nominations Committee since September 2004.

## 4. Leigh Clifford, AO

### Non-executive Director (Age 61)

Leigh is Chairman of Qantas Airways Limited. He previously worked for the Rio Tinto Group, where he was a Director of Rio Tinto PLC from 1994 and Rio Tinto Limited from 1995 and was Chief Executive of the Rio Tinto Group from 2000 until 2007.

**Term of office** Leigh joined the Board in October 2004. Leigh was last re-elected by shareholders at the AGM in 2007.

**Independent** Yes

**External appointments** Chairman of Qantas Airways Limited since November 2007. Member of the Bechtel Board of Counsellors since May 2007. Senior Adviser to Kohlberg Kravis Roberts & Co since January 2009. Director of the Murdoch Children's Research Institute. Board Member of the National Gallery of Victoria Foundation. Chief Executive of Rio Tinto until 2007. Director of Freeport-McMoran Copper & Gold Inc. until 2004.

**Committee membership** Member of the Board HR and Remuneration Committee since July 2005. Member of the Barclays Asia Pacific Advisory

## 5. Fulvio Conti

### Non-executive Director (Age 61)

Fulvio is currently Chief Executive Officer and General Manager of Enel SpA, the Italian energy group, where he was previously Chief Financial Officer from 1999-2005. Fulvio has held a number of high-level financial roles, including Chief Financial Officer and General Manager of Telecom Italia and General Manager and Chief Financial Officer of Ferrovie dello Stato, the Italian national railway. He was also head of the accounting, finance and control department of Montecatini and was in charge of finance at Montedison-Compart, overseeing the financial restructuring of the group. He has held positions in finance and operations in various affiliates of Mobil Oil Corporation in Italy and Europe.

**Term of office** Fulvio joined the Board in April 2006. Fulvio was last re-elected by shareholders at the AGM in 2008.

**Independent** Yes

**External appointments** Chief Executive of Enel SpA since 2005. Director of AON Corporation since January 2008. Chief Financial Officer and General Manager of Telecom Italia until 1999. General Manager and Chief Financial Officer of Ferrovie dello Stato until 1998.

**Committee membership** Member of the Board Audit Committee since September 2006.

## 6. Professor Dame Sandra Dawson

### Non-executive Director (Age 62)

Sandra is KPMG Professor of Management Studies at the University of Cambridge and Master of Sidney Sussex College, Cambridge. Sandra was Director of the Judge Business School at Cambridge until September 2006 and she has held a range of non-executive posts in organisations including Rand Europe (UK), JP Morgan Fleming Claverhouse Investment Trust and Riverside Mental Health Trust.

**Term of office** Sandra joined the Board in March 2003. Sandra will retire from the Board at the 2009 AGM in April.

**Independent** Yes

**External appointments** KPMG Professor of Management Studies, University of Cambridge since 1995. Master of Sidney Sussex College, Cambridge since 1999. Director and Trustee of Oxfam since 2006. Deputy Vice Chancellor, University of Cambridge since 2008. Chairman, Executive Steering Committee, ESRC Advanced Institute of Management. Director of Cambridge Econometrics until 2007. Director of Judge Business School, University of Cambridge until 2006. Director of Rand Europe (UK) until 2004. Director of JP Morgan Fleming Claverhouse Investment Trust until 2003.

**Committee membership** Member of the Board Audit Committee since August 2003.

## 7. Sir Andrew Likierman

### Non-executive Director (Age 65)

Sir Andrew is Chairman of the National Audit Office, having held a number of public roles in the financial services sector, including Managing Director, Financial Management, Reporting and Audit and Head of the Government Accountancy Service at HM Treasury and non-executive Director of the Bank of England. Sir Andrew is also Dean of the London Business School where he was previously Professor of Management Practice in Accounting. He has been at the London Business School from 1974-1976, 1979-1993 and since 2004.

**Term of office** Sir Andrew joined the Board in September 2004. Sir Andrew was last re-elected by shareholders at the AGM in 2007.

**Independent** Yes

**External appointments** Dean of the London Business School since January 2009. Chairman of the National Audit Office since December 2008. Director of the Institute for Government since September 2008. Chairman of Applied Intellectual Capital Inc. until 2008. Non-executive Director of the Bank of England until 2008. Non-executive Director and Vice-Chairman of the Tavistock and Portman NHS Trust until 2008. Non-executive Director and Chairman of the MORI Group until 2005. Managing Director, Financial Management, Reporting and Audit and Head of the Government Accountancy Service at HM Treasury until 2004.

**Committee membership** Member of the Board Audit Committee since September 2004. Member of the Board Risk Committee since September 2004.

## 8. Sir Michael Rake

### Non-executive Director (Age 61)

Sir Michael is currently Chairman of BT Group PLC and Chairman of the UK Commission for Employment and Skills. Sir Michael previously worked at KPMG from 1974-2007 where he worked for a number of years in Continental Europe and the Middle East. He was Senior Partner of the UK

Committee.

firm from 1998-2000 and Chairman of KPMG International from 2002-2007.  
**Term of office** Sir Michael joined the Board in January 2008. Sir Michael was last re-elected by shareholders at the AGM in 2008, following his appointment.

**Independent** Yes

**External appointments** Chairman of BT Group PLC since 2007. Director of the Financial Reporting Council since 2007. Chairman of the UK Commission for Employment and Skills since 2007. Director of the McGraw-Hill Companies since 2007. Chairman of KPMG International until 2007. Chairman of Business in the Community from 2004 until 2007.



**Committee membership** Member of the Board Audit Committee since January 2008. He will succeed Stephen Russell as Chairman of the Board Audit Committee in March 2009.

#### 9. Sir Nigel Rudd, DL

**Deputy Chairman**

**Non-executive Director** (Age 62)

Sir Nigel is non-executive Chairman of Pendragon PLC and BAA Limited. He is also Deputy Chairman of Invensys plc and a non-executive Director of BAE Systems PLC and Sappi Limited. He was formerly Chairman of Alliance Boots PLC.

**Term of office** Sir Nigel joined the Board in February 1996 and was appointed Deputy Chairman in September 2004. Sir Nigel will retire from the Board at the 2009 AGM in April.

**Independent** Yes

**External appointments** Chairman of Pendragon PLC since 1989. Non-executive Director and Deputy Chairman of Invensys plc since January 2009. Chairman of Alliance Boots PLC until 2007. Director of Pilkington PLC until 2006. Director of Kidde PLC until 2003.

**Committee membership** Member of the Board Corporate Governance and Nominations Committee since October 2001. Chairman of the Barclays Brand and Reputation Committee.

#### 10. Stephen Russell

**Non-executive Director** (Age 63)

Stephen was Chief Executive of Boots Group PLC from 2000 until 2003, having worked for Boots since 1967. He has held a number of non-executive positions and is currently a non-executive Director of Network Rail and Network Rail Infrastructure Limited. He is a trustee of St. John's Ambulance and Tommy's the Baby Charity, is on the Council of Nottingham University and is Chairman of Business Control Solutions Group.

**Term of office** Stephen joined the Board in October 2000 on completion of the acquisition of Woolwich PLC. Stephen was last re-elected by shareholders at the AGM in 2007.

**Independent** Yes

**External appointments** Non-executive Director of Network Rail since September 2007. Trustee of St John's Ambulance since 2005. Chairman of Business Control Solutions Group since 2005. Trustee of Tommy's the Baby Charity since 2003. Member of the Council of Nottingham University since 2003. Chief Executive of Boots Group PLC until 2003.

**Committee membership** Chairman of the Board Audit Committee since April 2003 (member since October 2000). He will be succeeded by Sir Michael Rake as Chairman of the Board Audit Committee in March 2009. Member of the Board Corporate Governance and Nominations Committee since September 2004. Member of the Board Risk Committee since October 2001 (Chairman from September 2004-December 2005).

#### 11. Sir John Sunderland

**Non-executive Director** (Age 63)

Sir John was Chairman of Cadbury Schweppes PLC until July 2008 having worked at Cadbury's in various roles, including that of Chief Executive, since 1968. He is Deputy President of the Chartered Management Institute, a Director of the Financial Reporting Council, an Adviser to CVC Capital Partners, an Association Member of BUPA and a Governor of both Reading and Aston University Councils.

**Term of office** Sir John joined the Board in June 2005. Sir John was last re-elected by shareholders at the AGM in 2008.

**Independent** Yes

**External appointments** Deputy President of the Chartered Management Institute since 2008 (President 2007-2008). Director of the Financial Reporting Council since 2004. Adviser to CVC Capital Partners. Association Member of BUPA. Governor, Aston University Council. Governor, Reading University Council. Chairman of Cadbury Schweppes PLC until July 2008. Deputy President of the CBI to June 2008 (member since 2003 and President until December 2006). President of ISBA (the Incorporated Society of British Advertisers) until 2005. President of the Food and Drink Federation until 2005. Non-executive Director of the Rank Group PLC until 2006. Former Advisory Board Member of Trintum Group.

**Committee membership** Member of the Board Corporate Governance and Nominations Committee since September 2006. Member of the Board HR and Remuneration Committee since July 2005.

#### 12. Patience Wheatcroft

**Non-executive Director** (Age 57)

Patience was an established financial journalist and national newspaper

**External appointments** Non-executive Director of Shaftesbury PLC since 2008. Member of the UK/India Round Table. Member of the British Olympic Association Advisory Board since 2007. Member of the Council of the Royal Albert Hall. Chair of the Forensic Audit Panel since 2008. Editor of the Sunday Telegraph until 2007. Business and City Editor of The Times until 2006.

**Committee membership** Member of the Barclays Brand and Reputation Committee.

#### 13. John Varley

**Group Chief Executive**

**Executive Director and Chairman of Executive Committee** (Age 52)

John was appointed Group Chief Executive of Barclays on 1st September 2004, prior to which he had been Group Deputy Chief Executive from 1st January 2004. He joined Barclays in 1982 and has held various positions across the Group, including the position of Group Finance Director from 2000 until the end of 2003. He was Chief Executive of Retail Financial Services from 1998 to 2000 and Chairman of the Asset Management Division from 1995 to 1998. John is a non-executive Director of AstraZeneca PLC. He is also Chairman of Business Action on Homelessness, President of the Employer's Forum on Disability, Honorary President of the UK Drug Policy Commission and a member of the International Advisory Panel of the Monetary Authority of Singapore.

**Term of office** John joined the Executive Committee in September 1996 and was appointed to the Board in June 1998. John was last re-elected by shareholders at the AGM in 2007.

**External appointments** Non-executive Director of AstraZeneca PLC since 2006. Non-executive Director of British Grolux Investments Limited since 1999. Chairman of Business Action on Homelessness since 2006. President of the Employer's Forum on Disability since 2005. Honorary President of the UK Drug Policy Commission since 2007. Member of the International Advisory Panel of the Monetary Authority of Singapore since 2006.

#### 14. Robert E Diamond Jr

**President, Barclays PLC and CEO, Investment Banking and Investment Management**

**Executive Director and member of Executive Committee** (Age 57)

Bob is responsible for the Investment Banking and Investment Management business of the Barclays Group, comprising of Barclays Capital, Barclays Global Investors and Barclays Wealth. He previously worked for Morgan Stanley and CS First Boston, where he was Vice-Chairman and Head of Global Fixed Income and Foreign Exchange.

**Term of office** Bob was appointed President of Barclays PLC and became an executive Director in June 2005. He has been a member of the Barclays Executive Committee since September 1997. Bob was last re-elected by shareholders at the AGM in 2006, following his appointment.

**External appointments** Chairman of Old Vic Productions PLC since September 2007.

#### 15. Christopher Lucas

**Group Finance Director**

**Executive Director and member of Executive Committee** (Age 48)

Chris has worked across financial services for most of his career, including three years in New York as Head of the US Banking Audit Practice of PricewaterhouseCoopers LLP. Chris joined Barclays from PricewaterhouseCoopers LLP, where he was UK Head of Financial Services and Global Head of Banking and Capital Markets. He was Global Relationship Partner for Barclays for the 1999-2004 financial years and subsequently held similar roles for other global financial services organisations.

**Term of office** Chris was appointed Group Finance Director and became a member of the Executive Committee in April 2007. Chris was last re-elected by shareholders at the AGM in 2007, following his appointment.

**External appointments** UK Head of Financial Services and Global Head of Banking and Capital Markets of PricewaterhouseCoopers LLP until 2006.

#### 16. Frederik (Frits) Seegers

**Chief Executive, Global Retail and Commercial Banking**

**Executive Director and member of Executive Committee** (Age 50)

Frits is responsible for the Global Retail and Commercial Banking business of the Barclays Group, which includes UK Retail Banking, Barclays Commercial Bank, Barclaycard, GRCB - Western Europe, GRCB - Emerging Markets and GRCB - Absa. Frits joined Barclays from Citigroup where he held a number of senior positions over the 17 years he worked there. Most recently, he was CEO Global Consumer Group with a remit

editor, having worked as Editor of the Sunday Telegraph from 2006 to 2007 and Business and City Editor of The Times from 1997-2006. She is a non-executive Director of Shaftesbury PLC, a member of the UK/India Round Table and a member of the British Olympic Association Advisory Board. She is also a member of the Council of the Royal Albert Hall and Chair of the Forensic Audit Panel.

**Term of office** Patience joined the Board in January 2008. Patience was last re-elected by shareholders at the AGM in 2008 following her appointment.

**Independent** Yes

covering all retail operations in Europe, the Middle East and Africa. He was also a member of the Citigroup Operating Committee and the Citigroup Management Committee. He was CEO of Consumer Banking for Asia Pacific, covering 11 consumer markets, between 2001 and 2004. Under his leadership, this region was the fastest growing part of Citigroup. Frits was a non-executive Director of Absa Group Limited from 2006 until February 2009.

**Term of office** Frits joined the Board and the Executive Committee in July 2006. Frits was last re-elected by shareholders at the AGM in 2007, following his appointment.

**External appointments** Chief Executive Officer of Citigroup International PLC until 2006.





# Directors' report

## Profit Attributable

The profit attributable to equity shareholders of Barclays PLC for the year amounted to £4,382m, compared with £4,417m in 2007.

## Dividends

As announced on 13th October 2008, in the light of the new capital ratios agreed with the Financial Services Authority (FSA) and in recognition of the need to maximise capital resources in the current economic climate, the Board concluded that it would not be appropriate to pay a final dividend for 2008. The Board intends to resume dividend payments in the second half of 2009, at which time it is intended to pay dividends quarterly. The interim dividend for the year ended 31st December 2008 of 11.5p per ordinary share was paid on 1st October 2008 and the total distribution for 2008 is 11.5p (2007: 34.0p per ordinary share). The staff shares were repurchased by the Company during the year. The dividends for the year have absorbed a total of £915m (2007: £2,253m).

## Share Capital

At the 2008 Annual General Meeting, shareholders approved the creation of Sterling, Dollar, Euro and Yen preference shares ('preference shares') in order to provide the Group with more flexibility in managing its capital resources. As at 27th February 2009 (the latest practicable date for inclusion in this report) no preference shares have been issued.

In order to minimise the dilutive effect on existing shareholders of the issuance of 336,805,556 ordinary shares in 2007, at the start of 2008 the Company purchased in the market for cancellation 36,150,000 of its ordinary shares of 25p each, at a total cost of £171,923,243 (this was in addition to the 299,547,510 shares purchased for cancellation in 2007). During 2008 the Company purchased all of its staff shares in issue, following approval for such purchase being given at the 2008 Annual General Meeting, at a total cost of £1,023,054. As at 27th February 2009, the Company had an unexpired authority to repurchase shares up to a maximum of 984,960,000 ordinary shares.

The issued ordinary share capital was increased by 1,772m ordinary shares during 2008. In addition to those issued as a result of the exercise of options under the Sharesave and Executive Share Option Schemes during the year, the following share issues took place:

- On 4th July 2008, the Company issued 168.9 million new ordinary shares in a firm placing to Sumitomo Mitsui Banking Corporation.
- On 22nd July 2008, the Company issued 1,407.4 million new ordinary shares following a placing to Qatar Holding LLC, Challenger Universal Limited (a company representing the beneficial interests of His Excellency Sheikh Hamad Bin Jassim Bin Jabr Al-Thani, the chairman of Qatar Holding LLC, and his family), China Development Bank, Temasek Holdings (Private) Limited and certain leading institutional shareholders and other investors, which shares were available for clawback in full by means of an open offer to existing shareholders. Valid applications under the open offer were received from qualifying shareholders in respect of approximately 267 million new ordinary shares in aggregate, representing 19.0% of the shares offered pursuant to the open offer. Accordingly, the remaining 1,140.3 million shares were allocated to the various investors with whom they had been conditionally placed.
- On 18th September 2008, the Company issued 226 million new ordinary shares to certain institutional investors.
- During the period 27th November 2008 to 31st December 2008, 33,000 ordinary shares were issued following conversion of Mandatorily Convertible Notes at the option of their holders.

At 31st December 2008 the issued ordinary share capital totalled 8,371,830,617 shares. Ordinary shares represent 100% of the total issued share capital as at 31st December 2008.

The Company's Memorandum and Articles of Association, a summary of which can be found in the Shareholder Information section on pages 305-309, contain the following details, which are incorporated into this report by reference:

- The structure of the Company's capital, including the rights and obligations attaching to each class of shares.
- Restrictions on the transfer of securities in the Company, including limitations on the holding of securities and requirements to obtain approvals for a transfer of securities.
- Restrictions on voting rights.
- The powers of the Directors, including in relation to issuing or buying back shares in accordance with the Companies Act 1985. It will be proposed at the 2009 AGM that the Directors be granted new authorities to allot and buy back shares under the Companies Act 1985.
- Rules that the Company has about the appointment and removal of Directors or amendments to the Company's Articles of Association.

Employee Benefit Trusts ('EBTs') operate in connection with certain of the Group's Employee Share Plans ('Plans'). The Trustees of the EBTs may exercise all rights attached to the shares in accordance with their fiduciary duties other than as specifically restricted in the relevant Plan governing documents. The trustees of the EBTs have informed the Bank that their normal policy is to abstain from voting in respect of the Barclays shares held in trust. The trustees of the Sharepurchase EBT may vote in respect of Barclays shares held in the Sharepurchase EBT, but only at the discretion of the participants. The trustees will not otherwise vote in respect of shares held in the Sharepurchase EBT.

## Mandatorily Convertible Notes

On 27th November 2008, Barclays Bank PLC issued £4,050m of 9.75% Mandatorily Convertible Notes (MCNs) maturing on 30th September 2009 to Qatar Holding LLC, Challenger Universal Limited and entities representing the beneficial interests of HH Sheikh Mansour Bin Zayed Al Nahyan, a member of the Royal Family of Abu Dhabi and existing institutional shareholders and other institutional investors. If not converted at the holders' option beforehand, these instruments mandatorily convert to ordinary shares of Barclays PLC on 30th June 2009. The conversion price is £1.53276 and, after taking into account MCNs that were converted on or before 31st December 2008, will result in the issue of 2,642 million new ordinary shares.

If there is a change of control of Barclays PLC following a takeover bid, Barclays PLC must (so far as legally possible) use all reasonable endeavours to cause the corporation which then controls Barclays PLC to execute a deed poll providing that the holders of the MCNs shall have the right (during the period ending on 30th June 2009) to convert the MCNs into, and to receive on a mandatory conversion, as the case may be, the class and amount of shares and other securities and property receivable upon such a takeover by the holders of the number of ordinary shares as would have been issued on conversion of the MCNs had such MCNs been converted immediately prior to the completion of such takeover.

The issue of new ordinary shares or certain other securities and rights of the Company, at any time during the period commencing on 27th November 2008 and ending on the date on which a holder exercises its optional conversion right or on the mandatory conversion date, at a price (the 'Future Placing Price') lower than the then current conversion price will (subject to exceptions for ordinary shares issued pursuant to employee share schemes, under the warrants or as a result of certain corporate events) result in a downward adjustment to the conversion price (subject to a minimum conversion price of the then par value per ordinary share (currently 25 pence)) so that it equals the Future Placing Price. The conversion price will also be subject to adjustment if the Company distributes an extraordinary dividend or if certain dilutive events occur, including bonus issues, rights issues or an adjustment to the nominal value or redenomination of the ordinary shares.

## Warrants

On 31st October 2008 Barclays PLC issued, in conjunction with a simultaneous issue of Reserve Capital Instruments issued by Barclays Bank PLC, warrants to subscribe for up to 1,516.9 million new ordinary shares at a price of £1.97775 to Qatar Holding LLC and HH Sheikh Mansour Bin Zayed Al Nahyan. The warrants may be exercised at any time up to close of business on 31st October 2013.

If there is a change of control of Barclays PLC following a takeover bid, Barclays PLC must (so far as legally possible) use all reasonable endeavours to cause the corporation which then controls Barclays PLC to execute a deed poll providing that the holders of the warrants shall have the right (during the period in which the warrants are exercisable) to exercise the warrants into the class and amount of shares and other securities and property receivable upon such a takeover by the holders of the number of ordinary shares as would have been issued on exercise of the warrants had such warrants been exercised immediately prior to the completion of such takeover.

The warrants contain provisions for the adjustment of the gross number of ordinary shares in the event of the occurrence of certain dilutive events including, amongst others, extraordinary dividends, bonus issues, alterations to the nominal value of ordinary shares and rights issues.

Conversion of the outstanding MCNs and exercise of the Warrants in full would result in the issue of a further 4,159,167,571 new ordinary shares. The resultant shareholdings of Qatar Holding LLC and HH Sheikh Mansour Bin Zayed Al Nahyan, if the MCNs and Warrants they each hold were converted or exercised in full and taking into account existing holdings of Barclays shares, would represent approximately 12.8% and 16.5%, respectively, of the enlarged Barclays PLC issued ordinary share capital.

## Substantial Shareholdings

Substantial shareholders do not have different voting rights from those of other shareholders. As at 27th February 2009, the Company had been notified under Rule 5 of the Disclosure and Transparency Rules of the FSA of the following holdings of voting rights in its shares:

	No. of ordinary shares	
Qatar Holding LLC	522,755,622	6.4%
Axa S.A.	460,195,183	5.5%
Legal & General Group plc	330,460,896	4.1%

## Board Membership

The membership of the Boards of Directors of Barclays PLC and Barclays Bank PLC is identical and biographical details of the Board members are set out on pages 138 and 139.

Patience Wheatcroft and Sir Michael Rake were appointed as non-executive Directors with effect from 1st January 2008. Simon Fraser will join the Board as a non-executive Director with effect from 10th March 2009, subject to regulatory approvals. Dr Danie Cronjé left the Board on 24th April 2008 and Gary Hoffman left the Board on 31st August 2008.

## Retirement and Re-election of Directors

As announced on 18th November 2008, at the 2009 AGM all Directors will stand for re-election, with the exception of Sir Nigel Rudd and Professor Dame Sandra Dawson, who will retire at the conclusion of the 2009 AGM and are not offering themselves for re-election.

## Directors' Interests

Directors' interests in the shares of the Group on 31st December 2008 are shown on pages 164 and 166.

## Directors' Emoluments

Information on emoluments of Directors of Barclays PLC, in accordance with the Companies Act 1985 and the Listing Rules of the United Kingdom Listing Authority, is given in the Remuneration Report on pages 157 to 172 and in Note 43 to the accounts.

## Directors' Indemnities

The Board believes that it is in the best interests of the Group to attract and retain the services of the most able and experienced Directors by offering competitive terms of engagement, including the granting of indemnities on terms consistent with the applicable statutory provisions. Qualifying third party indemnity provisions (as defined by section 234 of the Companies Act 2006) were accordingly in force during the course of the financial year ended 31st December 2008 for the benefit of the then Directors and, at the date of this report, are in force for the benefit of the Directors in relation to certain losses and liabilities which they may incur (or have incurred) in connection with their duties, powers or office.

## Activities

Barclays PLC Group is a major global financial services provider engaged in retail and commercial banking, credit cards, investment banking, wealth management and investment management services. The Group operates through branches, offices and subsidiaries in the UK and overseas.

## Community Involvement and Charitable Donations

Barclays has an extensive community programme covering many countries around the world. The Group provides funding and support to over 7,000 charities and voluntary organisations, ranging from small, local charities, like Passage (UK), to international organisations like the Red Cross. We also have a very successful employee programme which in 2008 saw more than 57,000 employees and pensioners worldwide taking part in Barclays-supported volunteering, giving and fundraising activities. Further information on our community involvement is given on pages 53 and 54.

The total commitment for 2008 was £52.2m (2007: £52.4m). The Group committed £27.7m in support of the community in the UK (2007: £38.9m) and £24.5m was committed in international support (2007: £13.5m). The UK commitment includes £19.6m of charitable donations (2007: £30.4m).

## Political Donations

The Group did not give any money for political purposes in the UK nor did it make any donations to EU political organisations or incur any EU political expenditure during the year.

Absa Group Limited, in which the Group acquired a majority stake in 2005, made donations totalling £186,589 in 2008 (2007: £170,142) in accordance with its policy of making political donations to the major South African political parties as part of their Democracy Support Programme. Donations are made to parties with more than three seats in the National Parliament as confirmed by the Independent Electoral Commission. Support for the deepening of democracy in South Africa remains paramount for the new government. The Group made no other political donations in 2008.

At the AGM in 2008, shareholders gave a limited authority for Barclays PLC and its subsidiaries to make political donations and incur political expenditure, within an agreed limit, as a precautionary measure in light of the wide definitions in the Companies Act 2006. This was similar to an authority given by shareholders in 2007. This authority, which has not been used, expires at the conclusion of the AGM held this year, or, if earlier, 30th June 2009.

The Companies Act 2006 largely restates the provisions of The Political Parties, Elections and Referendums Act 2000. The risk of inadvertently breaching the Companies Act 2006 remains, and the Directors consider it prudent to seek a similar authority from shareholders. A resolution to authorise Barclays PLC and its subsidiaries to make EU political donations and incur EU political expenditure up to a maximum aggregate sum of £125,000 is therefore being proposed at the Barclays PLC 2009 AGM.

## Employee Involvement

Barclays is committed to ensuring that employees share in the success of the Group. Colleagues are encouraged to participate in share option and share purchase schemes and have a substantial sum invested in Barclays shares.

Employees are kept informed of matters of concern to them in a variety of

ways, including the corporate news magazines, intranets, briefings and mobile phone SMS messaging. These communications help achieve a common awareness among employees of the financial and economic factors affecting the performance of Barclays.

Barclays is also committed to providing employees with opportunities to share their views and provide feedback on issues that are important to them. An annual Employee Opinion Survey is undertaken across Global Retail and Commercial Banking and Group Centre with results being reported to the Board and the Board HR and Remuneration Committee, all employees and to our European Works Council, Africa Forum, Unite (Amicus section), our recognised union in the UK and other recognised unions worldwide. Roadshows and employee forums also take place.

In addition, Barclays undertakes regular and formal consultations with our recognised trade unions and works councils internationally.

#### **Diversity and Inclusion**

The diversity agenda at Barclays seeks to include customers, colleagues and suppliers. Our objective is to recruit and retain the best people, regardless of (but not limited to) race, religion, age, gender, sexual orientation or disability. We strive to ensure our workforce reflects the communities in which we operate and the international nature of the organisation. We recognise that diversity is a key part of responsible business strategy in support of our increasingly global business. Barclays is committed to providing additional support to employees with disabilities and making it easier for them to inform us of their specific



## Directors' report

requirements, including the introduction of a dedicated intranet site and disability helpline. Through our Reasonable Adjustments Scheme, appropriate assistance can be given, including both physical workplace adjustments, and relevant training and access to trained mentors is also provided for disabled employees. A wide range of recruitment initiatives have been taken to increase the number of people with disabilities working in Barclays.

### Health and Safety

Barclays is committed to ensuring the health, safety and welfare of our employees and to providing and maintaining safe working conditions. Barclays regards legislative compliance as a minimum and, where appropriate, we seek to implement higher standards. Barclays also recognises its responsibilities towards all persons on its premises, such as contractors, visitors and members of the public, and ensures, so far as is reasonably practicable, that they are not exposed to significant risks to their health and safety.

Barclays regularly reviews its Statement of Health and Safety Commitment, issued with the authority of the Board and which applies to all business areas in which Barclays has operational control. In this statement Barclays commits to:

- demonstrate personal leadership that is consistent with this commitment;
- provide the appropriate resources to fulfil this commitment;
- carry out risk assessments and take appropriate actions to mitigate the risks identified;
- consult with our employees on matters affecting their health and safety;
- ensure that appropriate information, instruction, training and supervision are provided;
- appoint competent persons to provide specialist advice; and
- review Barclays Health and Safety Group Process and the Statement of Commitment, at regular intervals.

Barclays monitors its health and safety performance using a variety of measurements on a monthly basis and the Board HR and Remuneration Committee receives annual reports on health and safety performance from the Human Resources Director. As part of its Partnership Agreement with Unite (Amicus section), Barclays currently funds full time Health and Safety Representatives.

### Creditors' Payment Policy

Barclays values its suppliers and acknowledges the importance of paying invoices, especially those of small businesses, in a timely manner. It is the Group's practice to agree terms with suppliers when entering into contracts. We negotiate with suppliers on an individual basis and meet our obligations accordingly. The Group does not follow any specific published code or standard on payment practice.

Paragraph 12(3) of Schedule 7 of the Companies Act 1985 requires disclosure of trade creditor payment days. Disclosure is required by the Company, rather than the Group. The Group's principal trading subsidiary in the UK is Barclays Bank PLC, the accounts for which are prepared in accordance with International Financial Reporting Standards. The components for the trade creditor calculation are not easily identified. However, by identifying as closely as possible the components that would be required if Schedule 4 of the Companies Act 1985 applied, the trade creditor payment days for Barclays Bank PLC for 2008 were 24 days (2007: 27 days). This is an arithmetical calculation and does not necessarily reflect our practice, which is described above, nor the experience of any individual creditor.

### Essential business contracts

There are no persons with whom the Group has contractual or other arrangements that are considered essential to the business of the Group.

### Research and Development

In the ordinary course of business, Barclays develops new products and services in each of its business units.

### Financial Instruments

of the Central Bank of Indonesia. On 17th February 2009, Barclays announced that Barclays Capital will discontinue operations at its EquiFirst subsidiary due to the market environment and strategic direction of the Group.

### The Auditors

The Board Audit Committee reviews the appointment of the external auditors, as well as their relationship with the Group, including monitoring the Group's use of the auditors for non-audit services and the balance of audit and non-audit fees paid to the auditors. More details on this can be found on pages 198 and 199 and Note 9 to the accounts. Having reviewed the independence and effectiveness of the external auditors, the Committee has recommended to the Board that the existing auditors, PricewaterhouseCoopers LLP, be reappointed. PricewaterhouseCoopers LLP have signified their willingness to continue in office and ordinary resolutions reappointing them as auditors and authorising the Directors to set their remuneration will be proposed at the 2009 AGM.

So far as each of the Directors are aware, there is no relevant audit information of which the Company's auditors are unaware. Each of the Directors has taken all the steps that he or she ought to have taken as a Director in order to make himself or herself aware of any relevant audit information and to establish that the Company's auditors are aware of that information. For these purposes, 'relevant audit information' means information needed by the Company's auditors in connection with preparing their report.

### The Annual General Meeting

The Barclays PLC AGM will be held at The Queen Elizabeth II Conference Centre on Thursday 23rd April 2009. The Notice of AGM is included in a separate document sent to shareholders with this report. A summary of the resolutions being proposed at the 2009 AGM is set out below:

### Ordinary Resolutions

- To receive the Directors' and Auditors' Reports and the audited accounts for the year ended 31st December 2008.
- To approve the Directors' Remuneration Report for the year ended 31st December 2008.
- To re-elect the following Directors:
  - Simon Fraser
  - Marcus Agius
  - David Booth
  - Sir Richard Broadbent
  - Richard Leigh Clifford
  - Fulvio Conti
  - Robert E Diamond Jr
  - Sir Andrew Likierman
  - Christopher Lucas
  - Sir Michael Rake
  - Stephen Russell
  - Frederik Seegers
  - Sir John Sunderland
  - John Varley
  - Patience Wheatcroft
- To reappoint PricewaterhouseCoopers LLP as auditors of the Company.
- To authorise the Directors to set the remuneration of the auditors.
- To authorise Barclays PLC and its subsidiaries to make political donations and incur political expenditure.
- To authorise an increase in the Company's authorised share capital.
- To renew the authority given to the Directors to allot securities.

### Special Resolutions

The Group's financial risk management objectives and policies, including the policy for hedging each major type of forecasted transaction for which hedge accounting is used, and the exposure to market risk, credit risk and liquidity risk are set out in pages 67 to 113 under the headings, 'Barclays approach to risk management', 'Credit Risk Management', 'Market risk management', 'Liquidity Risk Management' and 'Derivatives' and in Note 14 and Notes 46 to 49 to the accounts.

#### Events after the Balance Sheet Date

On 2nd February 2009, Barclays completed the acquisition of PT Bank Akita, which was announced initially on 17th September 2008, following the approval

- To renew the authority given to the Directors to allot equity securities for cash other than on a pro-rata basis to shareholders and to sell treasury shares.
- To renew the Company's authority to purchase its own shares.
- To permit General Meetings to continue to be called on 14 clear days' notice.

This is only a summary of the business to be transacted at the meeting and you should refer to the Notice of AGM for full details.

By order of the Board



**Lawrence Dickinson**  
Company Secretary  
5th March 2009

Corporate governance

## Corporate governance report

### Group Chairman's Introduction

I am pleased to report to you on the activities of the Board and its Committees during 2008. Our report sets out how we have complied with the UK Combined Code on Corporate Governance (the Code) and also gives further details of the matters that the Board and its principal Committees have considered over the year.

The year proved to be extremely challenging for the financial services industry as increasing vulnerabilities exposed in the global financial system created a period of exceptional instability.

During October 2008, it became clear that an industry-wide solution to the risks of systemic failure in the UK financial services sector was needed. The outcome of discussions between the UK's FSA and all UK banks was that we, along with many of our competitors, were required to raise additional equity and Tier 1 capital to take our capital ratios well beyond the levels we had previously agreed with our regulators (the 'Capital Raising').

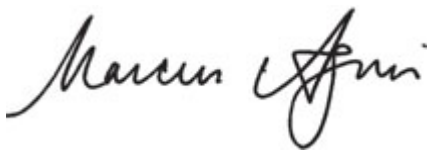
On 31<sup>st</sup> October 2008, Barclays announced the Capital Raising. In the extraordinary circumstances leading up to that announcement, the Board had choices to make – choices not available to all banks. These choices entailed exceptionally difficult judgements made in market circumstances where from one day to the next nothing could be taken for granted.

These choices included retaining independent control of the business in undertaking the recapitalisation required by the authorities; recapitalising the business in one market operation well in advance of the June 2009 deadline set by the authorities; and effecting a recapitalisation under which all shareholders were not afforded their pre-emption rights.

The Board did not take any of these decisions lightly: its governance processes were rigorous. It met frequently, debated the issues at length, heard differing views and arguments, sought external advice and consulted representative shareholder bodies. The decisions it made were reached in the interests of shareholders as the Board, in the circumstances at the time, perceived them to be. These included forming judgements about the earnings per share and return on capital consequences of the Capital Raising for existing shareholders.

The Board believes that the decisions made have resulted in the Group being able to maintain its strategic momentum. The Directors deeply regret, however, that the Capital Raising denied Barclays then existing shareholders their full rights of pre-emption with respect to the ordinary shares issued. The Directors recognise that there is a high level of unhappiness on the part of some shareholders that the principle of pre-emption was breached, with consequent dilution of shareholdings and that, were it not to avoid the risk of destabilising the Company or the system, more of them may have voted against the enabling resolution at the General Meeting on 24th November 2008.

The Directors wish to place on record both their appreciation of the support received from shareholders in difficult circumstances in completing the Capital Raising and to re-affirm their fundamental commitment to the principle of pre-emption. The Board is clear that the extraordinary circumstances which they were required to deal with were so unusual as to be effectively unique.



**Marcus Agius**  
Group Chairman  
5th March 2009

### Statements of Compliance

#### UK Combined Code on Corporate Governance

As Barclays is listed on the London Stock Exchange, we comply with the Code. For the year ended 31st December 2008, we have complied with the relevant provisions set out in section 1 of the Code and applied the principles of the Code as described in this report.

#### NYSE Corporate Governance Rules

Barclays has American Depositary Receipts listed on the New York Stock Exchange (NYSE) and is also subject to the NYSE's Corporate Governance rules (NYSE Rules). We are exempt from most of the NYSE Rules, which domestic US companies must follow, because we are a non-US company listed on the NYSE. However, we are required to provide an Annual Written Affirmation to the NYSE of our compliance with the applicable NYSE Rules and must also disclose any significant differences between our corporate governance practices and those followed by domestic US companies listed on the NYSE. As our main listing is on the London Stock Exchange, we follow the UK's Combined Code. Key differences between the Code and NYSE Rules are set out later in this report.





# Corporate governance report

## Corporate governance framework

The Group operates within a comprehensive governance framework, which is set out in the diagram below. Details of the Group's risk management framework can be found on pages 62 to 66.

The Board is responsible for managing the Company on behalf of its shareholders and each Director must act in a way that he or she considers promotes the long-term success of the Company for the benefit of those shareholders as a whole. The Board also ensures that an appropriate balance between promoting long-term growth and delivering short-term objectives is achieved. The Board delegates responsibility for the day-to-day management of the Company to the Group Chief Executive, who is then responsible for ensuring that the business is operating effectively. The Group Chief Executive is supported by the Executive Committee, which he chairs, and the Executive Committee is supported by a number of management committees, including the Disclosure Committee. Details of the Disclosure Committee are set out on page 154. This report sets out how the Board and its Committees work within the governance framework and corporate governance guidelines.

The Board has eight scheduled Board meetings each year. Strategy is reviewed regularly at these meetings and there is normally a day and a half offsite meeting to consider and approve the Group's strategy for the next year. In addition to the scheduled Board meetings in 2008, 23 additional Board meetings were held during the year. The purpose of these meetings was to discuss the difficult market conditions that existed during the year and in particular the three equity capital raising transactions that were undertaken: the £4.5bn Placing and Open Offer in July (the 'Open Offer'), the £701m Placing in September (the 'Placing') and the issue of £4.05bn in Mandatorily Convertible Notes, £3bn in Reserve Capital Instruments by Barclays Bank PLC and warrants for new ordinary shares in November (the 'Capital Raising'). There were 12 Board meetings held in October and November specifically to discuss the Capital Raising. There were also eight meetings of the Board Finance Committee, to which the Board delegated authority to approve certain aspects of the capital raising transactions and the acquisition of Lehman Brothers North American businesses. The Board Finance Committee comprises the Group Chairman, the Group Chief Executive and at least two independent non-executive Directors, typically the Deputy Chairman and Senior Independent Director.

These additional Board meetings, which were called at short notice, had attendance of 78% for the Open Offer (May-July 2008), 85% for the acquisition of the Lehman Brothers North American businesses (September 2008) and 90% for the Capital Raising (October-November 2008). Attendance at the Board Finance Committee was 100%. Those Directors who were unable to attend any meeting were briefed separately on the discussions at the meetings and their views were sought.

We arrange scheduled Board and Committee meetings at least a year in advance. All Directors are expected to attend each meeting and the attendance at scheduled Board meetings is set out on page 149. All Directors are provided with background papers and relevant information in advance of each meeting. If a Director is unable to attend a meeting because of exceptional circumstances, he or she will still receive the supporting papers and will usually discuss with the Chairman of the meeting any matters they wish to raise to ensure their views are given due consideration. The Group Chairman usually meets with the non-executive Directors, without the executive Directors or any senior management present, ahead of each scheduled Board meeting to brief them on the business of the meeting. These meetings give the non-executive Directors an opportunity to advise the Chairman if they have any particular questions they wish to raise. The Group Chairman, Group Chief Executive and Company Secretary are always available for the Directors to discuss any issues relating to the Board meetings or other matters. In 2008, all Directors contributed the appropriate amount of time needed to fulfil their responsibilities. Reasons for non-attendance are generally prior business, personal commitments or illness. Given market conditions in 2008, several meetings had to be rearranged at short notice and it was not always possible for all Directors to attend on the revised date.

The Group Chairman and the Company Secretary work together to make sure that the information communicated to the Board is accurate, timely and clear. This applies in advance of regular, scheduled Board meetings and in exceptional circumstances between those meetings. Timely communication of information was particularly important this year, given the need for the Board to respond to rapidly changing circumstances. Directors also have secure access to electronic copies of meeting papers and other key documents via a dedicated Directors' intranet, which includes past and current Board and Committee papers, reports, minutes, press coverage, analyst reports and material from briefing sessions. The services of the Company Secretary and his team are available to all Directors. Directors may also take independent professional advice on request, at the Company's expense.

## The Board

### Role of the Board

Directors are required, by UK company law, to act in a way they consider, in good faith, would promote the success of Barclays for the benefit of the shareholders as a whole. In doing so, the Directors must have regard (amongst other matters) to:

- the likely consequences of any decision in the long term;
- the interests of Barclays employees;

## Corporate governance framework





- the need to foster Barclays business relationships with suppliers, customers and others;
- the impact of Barclays operations on the community and the environment;
- the desirability of Barclays maintaining a reputation for high standards of business conduct; and
- the need to act fairly as between shareholders of Barclays.

The role and responsibilities of the Barclays Board are set out in 'Corporate Governance in Barclays', which is available on our website at [www.aboutbarclays.com](http://www.aboutbarclays.com).

The duties of Directors, described above, form part of their role and responsibilities. The Board is responsible to shareholders for creating and delivering sustainable shareholder value. In order to achieve this it must establish the objectives and policies of the Group that will deliver long-term value. The Board sets the overall strategic direction and ensures it is delivered within an appropriate framework of reward, incentive and control.

Another key responsibility of the Board is to ensure that management maintains a system of internal control that provides assurance of effective and efficient operations, internal financial controls and compliance with law and regulation. The Board considers the Group's business and reputation and ensures that the controls in place are appropriate to the materiality of financial and other risks and the relative costs and benefits of implementing specific controls.

The Board has its powers set out in a formal schedule of matters reserved for the Board's decision. A summary of the matters reserved for the Board is set out opposite. These are matters that are significant to the Group as a whole because of their strategic, financial or reputational implications or consequences. The Schedule of Matters Reserved to the Board was reviewed and updated during 2008 to ensure it remains appropriate.

Figure 1 illustrates how the Board spent its time at the scheduled Board meetings during 2008.

**Activities in 2008**

Typically, at each meeting, the Group Chief Executive and Group Finance Director report to the Board and one or two of the main businesses or functions also presents an update on the progress of implementing the strategy. The Board also receives reports from each of the principal Board Committees and may also receive reports from the Company Secretary on any relevant corporate governance matters.

Fig 1: Board allocation of time



	2008	2007
1 Strategy Formulation and Implementation Monitoring	16	39
2 Operational and Financial Performance (including Risk Management)	27	27
3 Governance and Risk	6	9
4 Capital Management	33	-
5 M&A (including Lehman Acquisition)	13	16
6 Other	5	9

**Summary of Matters Reserved to the Board**

- Approval of the Group's strategy, Medium-Term and Short-Term Plans and Risk Appetite
- Monitoring delivery of the strategy and performance against plan
- Changes relating to capital structure or status as a PLC
- Approval of annual Capital Plan
- Approval of interim and final financial statements, dividends and any significant change in accounting policies or practices
- Authorisation of Directors' conflicts or possible conflicts of interest
- Appointment (or removal) of Company Secretary
- Any share dividend alternative
- Remuneration of auditors and recommendations for appointment or removal of auditors
- Approval of all circulars, prospectuses and significant press releases
- Principal regulatory filings with stock exchanges
- Board appointments and removals
- Role profiles of key positions on the Board
- Terms of reference and membership of Board Committees
- Major acquisitions, mergers or disposals
- Major capital investments and projects
- Approval of the framework for determining the policy and specific remuneration of executive Directors
- Approval of Chairman and non-executive Director remuneration
- Major changes in employee share schemes
- Approval of Board and Board Committees performance evaluation process
- Determination of independence of non-executive Directors
- Approval of corporate governance framework
- Approval of division of responsibilities between the Group Chairman and Group Chief Executive
- Rules and procedures for dealing in Barclays securities



## Corporate governance report

The Board allocated its time at scheduled Board meetings during 2008 as follows:

- received reports from the Group Chief Executive on strategic progress, matters considered by the Executive Committee and competitor activity;
- received reports from the Group Finance Director on the financial position of the Group, which included capital management and liquidity updates throughout 2008;
- received reports from each of the Board Committees;
- received reports from the Group Risk Director on risk management and from the Group General Counsel on legal risk;
- received reports from businesses or functions on progress against strategy, including Barclays Wealth, Barclays Capital, Barclaycard, Brand & Marketing, UK Retail Banking, Investment Banking and Investment Management in Asia Pacific and GRCB – Emerging Markets;
- approved the full year and half-year results for the Group;
- received a report on the effectiveness of the Board following the performance review;
- received reports on peer group comparisons of results following the release of preliminary and half-year results;
- received reports on governance issues and updates on the changes in company law;
- approved the revised fees recommended for non-executive Directors following a benchmarking comparison against our peer group;
- received external presentations on shareholder sentiment, including institutional perceptions, Group Strategy, Global Retail and Commercial Banking, Investment Banking and Investment Management, performance, capital management and communications;
- approved the strategy and Risk Appetite for the Group;
- received reports on franchise health and the Employee Opinion Survey; and
- received reports on the economic environment.

Adverse market conditions during 2008 led to the Board holding an additional 23 meetings during the year. These additional meetings discussed the impact of market conditions on performance, liquidity, the three capital raisings that were undertaken during the year and the acquisition of Lehman Brothers North American businesses. Ongoing and regular communication with the Board was vital during this period, a principle that had been established during the potential ABN AMRO acquisition in 2007. If the additional meetings relating to the capital raisings are taken into account, the Board spent 33% of its time on capital management.

The capital raising that was announced on 31st October 2008 in response to the new higher capital targets which the FSA set for all UK Banks was the subject of considerable discussion. Seven Board meetings and three Board Finance Committee meetings were held during October to discuss the new requirements and Barclays response. The Board had to take some key decisions during this period, in particular:

- whether or not to accept government money over the weekend of 11th/12th October 2008;
- the decision to accelerate the timetable for raising required capital in the light of deteriorating market conditions;
- the decision not to pursue a rights issue in the light of practical and market constraints; and
- the decision to proceed with the Capital Raising as announced.

These decisions were only taken by the Board after rigorous discussion and having sought external advice. They were taken in the long-term interests of all shareholders.

### Board structure and composition

The roles of the Group Chairman and Group Chief Executive are separate. In line with the recommendations of the Code, there is a strong independent element on the Board and at least half the Board are independent non-executive Directors. At the date of this report, the Board is comprised of the Group Chairman, four executive Directors and 11 non-executive Directors. The balance of the Board is illustrated by Figure 2.

The Group Chairman's main responsibility is to lead and manage the Board, ensuring that it discharges its legal and regulatory responsibilities effectively and fully. The Board has delegated the responsibility for the day-to-day running of the Group to the Group Chief Executive. The Group Chief Executive in turn leads the executive Directors in making and implementing operational decisions and is responsible for recommending strategy to the Board.

Although the Board of Directors has collective responsibility for the success of the Group, executive Directors are directly responsible for business operations, whereas non-executive Directors are responsible for bringing independent judgement and scrutiny to decisions taken by the Board. The non-executive Directors must satisfy themselves on the integrity of financial information and that financial controls and systems of risk management are robust. The Board has the benefit of a broad range of skills, knowledge and experience that the non-executive Directors have built up as Directors of other companies or business leaders, in government or in academia. Given the events of 2008 and the continuing uncertainty in the global financial services industry, the Board and, in particular, the Board Corporate Governance and

Fig 2: Balance of non-executive and executive Directors



Nominations Committee, is considering both the appropriate size and skills mix of the Board. As a financial services business, the Board aims to appoint non-executive Directors who have the necessary skills and experience required for a proper understanding of the Group's activities and associated risks. The Board also aims to have diverse geographical experience represented on the Board and this is illustrated in Figure 3.

The Charter of Expectations, which forms part of 'Corporate Governance in Barclays', includes detailed role profiles for each of the main positions on the Board, including that of the Group Chairman, Deputy Chairman, Senior Independent Director and both non-executive and executive Directors. Responsibilities general to all Directors include:

1. Providing entrepreneurial leadership of the Company, within a framework of prudent and effective controls, which enable risk to be assessed and managed.
2. Approving the Company's strategic aims, ensuring that the necessary financial and human resources are in place for the Company to meet its objectives and review management performance.
3. Setting the Company's values and standards and ensuring that its obligations to its shareholders and others are understood and met.

In addition, non-executive Directors have a responsibility to constructively challenge and develop proposals on strategy whilst scrutinising the performance of management in meeting the Group's strategic objectives. Following appropriate challenge and debate, the Board expects to reach clear decisions and to provide a framework of support for the executive Directors in their management of the Group's business.

The Charter of Expectations, including role profiles for key Board positions, is available from: [www.aboutbarclays.com](http://www.aboutbarclays.com).

Sir Richard Broadbent continued in the role of Senior Independent Director during 2008. The role of the Senior Independent Director is to:

- Be available to shareholders if they have concerns relating to matters which contact through the normal channels of Group Chairman, Group Chief Executive or Group Finance Director has failed to resolve, or for which such contact is inappropriate.
- Maintain contact as required with major shareholders to understand their issues and concerns, including attending meetings where necessary with shareholders to listen to their views in order to help develop a balanced understanding of the issues and concerns of major shareholders.
- Meet with the non-executive Directors without the Group Chairman present at least annually and lead the Board in the ongoing monitoring and annual evaluation of the Group Chairman, including communicating results of the evaluation to the Group Chairman.

During the year, Sir Richard Broadbent attended meetings with a number of our institutional shareholders and shareholder bodies to discuss their views on the Group. Sir Richard also received feedback on the Group Chairman's performance following the annual Board Effectiveness Review and led discussions with the other non-executive Directors and the Group Chief Executive on the Group Chairman's performance.

Sir Nigel Rudd continued in the role of Deputy Chairman in 2008, providing support to the Group Chairman as required in carrying out his responsibilities.

The Board Corporate Governance and Nominations Committee is responsible for reviewing the structure, composition and balance of the Board and its principal Committees and recommends to the Board the appointment of any new Directors. It is important that the Board is refreshed regularly and the Committee conducts these reviews to ensure that there is an appropriate mix of skills and experience on the Board. Details of the experience and skills of each of the current Directors are set out in their biographies on pages 138 to 139. The length of tenure of the current non-executive Directors is illustrated in Figure 4.

In line with the recommendations of the Code, all Directors usually seek re-election every three years and any Directors appointed during the year seek re-election at the next annual general meeting (AGM). However, for the 2009 AGM, as set out in the Group Chairman's letter to shareholders dated 18th November 2008, all Directors will be seeking re-election, with the exception of Sir Nigel Rudd and Professor Dame Sandra Dawson, who will be retiring at the conclusion of the AGM. Details are set out in the Notice of Meeting.

External appointments contribute to an executive Director's ongoing development and experience and executive Directors are permitted to serve on one other listed company board, in addition to their role at Barclays. Other appointments may be taken up with the approval of the Group Chairman. All external appointments are considered in line with the Group's policy on Directors' Conflicts of Interest and, if appropriate, each appointment is authorised by the Board. Further details of the Group's policy on Directors' Conflicts of Interest are set out on page 148.

**Independence of non-executive Directors**

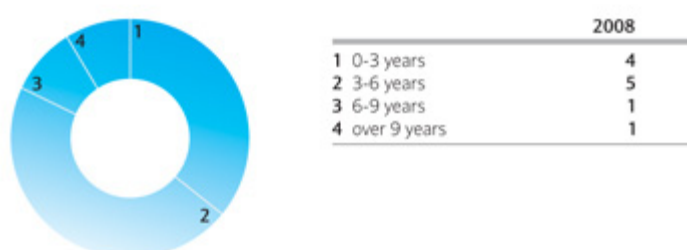
The Code sets out circumstances that may be relevant to the Board in determining whether each non-executive Director is independent. Barclays Charter of Expectations sets out specific criteria, which the Board considers are essential behaviours, to assess the independence of each non-executive Director, as follows:

- provides objective challenge to management;
- is prepared to challenge other's assumptions, beliefs or viewpoints as necessary for the good of the organisation;
- questions intelligently, debates constructively, challenges rigorously and decides dispassionately;

Fig 3: Geographical mix (main experience) of non-executive Directors



Fig 4: Length of tenure of non-executive Directors



## Corporate governance report

- is willing to stand up and defend their own beliefs and viewpoints in order to support the ultimate good of the organisation; and
- has a good understanding of the organisation's business and affairs to enable them to properly evaluate the information and responses provided by management.

The Board considers non-executive Director independence on an annual basis, as part of each Director's performance review.

The Board Corporate Governance and Nominations Committee and subsequently the Board reviewed the independence of non-executive Directors in early 2009 and concluded that each of them continues to demonstrate these essential behaviours. In determining that each of the non-executive Directors remains independent, the Board considered in particular the following:

- Sir Nigel Rudd has served as a non-executive Director since 1996.

The Code suggests that length of tenure is a factor that should be considered when determining whether a Director continues to be independent. As recommended by the Code, it is our policy that any Director who serves for more than nine years should seek annual re-election by shareholders and that all Directors subject to re-election should undergo a rigorous performance evaluation.

As a result of the annual performance review, the Board concluded that Sir Nigel Rudd continues to demonstrate the essential characteristics of independence expected by the Board. The Board continues to be regularly refreshed and the Board considers Sir Nigel's length of service, and the resulting experience and knowledge of Barclays he has gained, as being especially valuable. This proved particularly helpful during the difficult market conditions in 2008. Sir Nigel has stood for re-election annually at each AGM since 2005. Sir Nigel will, however, retire at the 2009 AGM and is not seeking re-election.

All Directors must report any changes in their circumstances to the Board and the Board reserves the right to terminate the appointment of a non-executive Director if there are any material changes in their circumstances that may conflict with their commitments as a Barclays Director or that may impact on their independence. Under UK company law, a Director must now seek authorisation before taking up any position with another company that conflicts, or may possibly conflict, with the Company's interests. Barclays Articles of Association contain provisions to allow the Directors to authorise situations of potential conflicts of interest so that a Director is not in breach of his/her duty under company law. All existing external appointments for each Director were considered and authorised by the Board in September 2008 and additional external appointments have been authorised at subsequent Board meetings following notification to the Company Secretary. Each authorisation is set out in a Conflicts Register. The Board Corporate Governance and Nominations Committee is responsible for conducting an annual review of the Conflicts Register and confirming to the Board that, where relevant, conflicts have been dealt with appropriately, and that the process for dealing with them is operating effectively.

### Conflicts of Interest

The following Directors' Duties on Conflicts of Interest set out in the Companies Act 2006 (the Act) came into force on 1st October 2008:

- a duty not to accept benefits from third parties;
- a duty to avoid a situation in which he has, or can have, a direct or indirect interest that conflicts, or possibly may conflict, with the interests of the company (situational conflicts); and
- a duty to disclose any interest in a proposed or existing transaction or arrangement with the company (transactional conflicts).

Barclays Articles of Association were amended at the 2008 AGM to allow the Directors to authorise situational conflicts as permitted by the Act.

It is the responsibility of each Director to comply with the Act and Directors are required to notify Barclays in writing of any new situational or transactional conflicts. They are also required to consider the interests of their connected persons in case they amount to an indirect interest. Details of the potential conflict are submitted to the next Board meeting and the Directors, excluding the Director to whom the potential conflict relates, must carefully consider each potential conflict of interest before it is authorised, if appropriate.

### Board and Committee Membership and Attendance

The table below sets out attendance of Directors at Board and Committee meetings in 2008.

	Independent	Scheduled Board	Additional Board	Board Audit Committee	Board HR & Remuneration Committee	Board Corporate Governance & Nominations Committee	Board Risk Committee
Number of meetings held		7	23	10	5	2	4
<b>Group Chairman</b>							
Marcus Agius	OA	7	23	–	5	2	–
<b>Executive Directors</b>							
John Varley (Group Chief Executive)	ED	7	23	–	–	–	–
Bob Diamond	ED	7	22	–	–	–	–
Gary Hoffman (left the Board 31st August 2008)	ED	5	7	–	–	–	–
Chris Lucas	ED	7	23	–	–	–	–
Frits Seegers	ED	6	20	–	–	–	–
<b>Non-executive Directors</b>							
David Booth	I	7	22	–	–	–	4
Sir Richard Broadbent (Senior Independent Director)	I	7	21	–	5	2	4
Leigh Clifford	I	7	13	–	4	–	–
Fulvio Conti	I	7	17	9	–	–	–
Dr Danie Cronjé (left the Board 24th April 2008)	I	2	–	–	–	–	1
Professor Dame Sandra Dawson	I	7	21	10	–	–	–
Sir Andrew Likierman	I	7	18	8	–	–	4
Sir Michael Rake	I	6	21	7	–	–	–
Sir Nigel Rudd (Deputy Chairman)	I	7	20	–	–	2	–
Stephen Russell	I	6	13	10	–	2	3
Sir John Sunderland	I	7	20	–	4	1	–
Patience Wheatcroft	I	7	22	–	–	–	–

#### Key

OA Independent on appointment

ED Executive Director

I Independent non-executive Director

#### Board Committees

Certain responsibilities of the Board are delegated to Board Committees to assist the Board in carrying out its functions and to ensure independent oversight of internal control and risk management. Membership of Board Committees is recommended to the Board by the Board Corporate Governance and Nominations Committee, which reviews Committee composition and balance regularly to ensure the Committees are refreshed. All members of principal Board Committees are non-executive Directors, although the Chairman is a member of the Board HR and Remuneration Committee. Each Board Committee's terms of reference set out the specific matters for which delegated authority has been given. These terms of reference, which are available on our website, are reviewed annually.

The Board has delegated authority to four principal Board Committees:

- Board Audit Committee
- Board Risk Committee
- Board Corporate Governance and Nominations Committee
- Board HR and Remuneration Committee

The number of meetings held and attendance at the Committee meetings is set out above in 'Board and Committee Membership and Attendance'. The activities of the Board Committees are set out on the pages 149 to 154.

The terms of reference for each of the principal Board Committees are available from the Corporate Governance section at: [www.aboutbarclays.com](http://www.aboutbarclays.com).

#### Board Audit Committee

Stephen Russell (Chairman)  
Fulvio Conti  
Professor Dame Sandra Dawson  
Sir Andrew Likierman  
Sir Michael Rake

Secretary: Lawrence Dickinson

The Board Audit Committee terms of reference are available from the Corporate Governance section at: [www.aboutbarclays.com](http://www.aboutbarclays.com).

In addition to the members of the Committee, there are a number of regular attendees at each meeting. The Group Chief Executive, Group Finance Director, Barclays Internal Audit Director, Group Risk Director, Group General Counsel and the lead external audit partner normally attend all scheduled Board Audit Committees. The Board Audit Committee members usually meet privately before each meeting to raise any concerns with the Chairman of the meeting and they also meet with the external auditors and the Barclays Internal Audit Director, without management present, at the end of most Committee meetings. Sir Andrew Likierman continues to fulfil his role as the 'financial expert' as defined by the US Sarbanes-Oxley Act of 2002 and, as a result of his accountancy background and his career with HM Treasury, has 'recent and relevant financial experience' as recommended by the Code. Sir Michael Rake will succeed Stephen Russell as Chairman of the Committee in March 2009. Sir Michael has significant audit experience having worked at KPMG from 1972-2007 where he was Chairman of KPMG International from 2002-2007.



# Corporate governance report

## Activities in 2008

Figure 5 illustrates how the Committee allocated its time in 2008. During 2008, the Committee:

- considered the information it would require during the coming year to enable it to discharge its responsibilities;
- considered the significant changes in financial markets and economic conditions and the impact on the areas of focus for the Committee;
- reviewed the Annual Report and Accounts and half-year Results and Interim Management Statements;
- reviewed in detail the valuations of Barclays Capital’s credit market exposures, reviewing mark-to-market valuations and accounting for derivatives and assessing the overall quality of earnings;
- reviewed the Group’s accounting policies and, in particular, the accounting for leveraged loans;
- considered control issues of Group level significance for different areas of the business;
- received reports on the control environment in each of the following businesses or functions: Barclays Wealth, Barclays Commercial Bank, Western Europe, Global Retail and Commercial Banking IT, Barclaycard, Global Payments, Emerging Markets, BGI, Absa and Barclays Capital;
- reviewed the effectiveness and independence of the Group statutory auditor;

- approved the re-appointment, remuneration and engagement letter of the Group statutory auditor;
- considered the provision of non-audit services by the Group statutory auditor – more details can be found in the box on page 151;
- received reports from the external and internal auditors;
- monitored the performance of the Internal Audit function;
- reviewed the Global Internal Audit Plan;
- reviewed the internal control and risk management systems;

Fig 5: Board Audit Committee allocation of time



## Board Audit Committee Chairman’s Statement

We held ten meetings in 2008 and an overview of how we used our meetings is set out below.

Our areas of focus in 2008 were dominated by the continuing disruption to the credit markets and financial services sector as a whole. In early 2008, we held a separate session of the Committee on accounting for and valuation of derivatives and complex financial instruments and also reviewed the Group’s valuation methodology for these instruments. The latter comprises trading desk evaluation supported by independent price testing and benchmarking, followed by a review by Finance and Risk and by the external auditor.

When considering the Group’s preliminary and half-year results and interim management statements, we spent a significant amount of time reviewing the disclosures around and the fair value of Barclays Capital’s credit markets exposures, including asset backed securities and leveraged credit positions. As part of the approval of each results statement, we reviewed the fair value of the credit market exposures and the form and content of the disclosures. The review of the credit market exposure valuations included a review of marks by key asset categories, movements in exposures (including sales/paydowns) and a review of underlying collateral by vintage and rating. The Committee received at both the half-year and year-end and before each Interim Management Statement a specific presentation from Barclays Capital’s Chief Operating Officer and discussed the valuations with the Group Finance Director, Group Risk Director and, importantly, the Group’s external auditors. Reassurance was sought from independent Group control functions such as Risk and Finance, and the external auditors, that the individual marks were appropriate. The Committee was reassured that there were no significant variations between the prices at which assets were sold and the underlying marks. The Committee was content that the markets and models to which the valuations are marked are sufficiently robust to enable reliable and relevant valuations to be determined.

We also reviewed the controls around Barclays Capital’s complex financial instruments, as well as reviewing the overall control environment at Barclays Capital. The Committee has sought to learn lessons from events at our peers, receiving reports on the circumstances surrounding losses experienced at Société Générale and UBS. We discussed the overall impact of market conditions and the challenging financial markets on the remit of the Committee and this will help shape our agenda for 2009.

American businesses in September 2008, including an initial assessment of the risks and controls in that business and a report on the impact of the acquisition on financial reporting. In reviewing the Internal Audit Plan for 2009, we also challenged management to make sure that the Internal Audit function is appropriately resourced for the challenges ahead and is directing its attention on areas likely to come under pressure in the expected downturn.

Impairment numbers continue to be closely reviewed by the Committee. It reviews a paper prepared by the Risk function, which examines impairment on a business-by-business basis. It examines closely any amendments or overrides to models, compares trends and impairment levels with peers and seeks independent reassurance from the external auditor.

Our reviews of the control environment in each of our businesses in 2008 continued to focus on those areas where the Group’s business is expanding or which are deemed to be higher risk, including Emerging Markets. We also reviewed the controls around our key regulatory programmes, in particular, Sarbanes-Oxley and Basel II, and received regular reports on Sanctions compliance and Know Your Customer and Anti-Money Laundering controls.

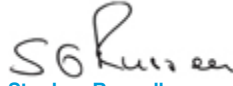
The internal and external auditors are evaluated annually. Feedback on both is sought from key stakeholders in the Group via questionnaires with the results being presented to and discussed by the Committee. The Committee is satisfied with the performance of both auditors. During 2009, an external assessment of the internal audit function will be undertaken. The Committee has recommended to the Board and to shareholders that PwC should be re-appointed as the Group’s auditors at the AGM on 23rd April 2009. We are fully satisfied that PwC provides effective, independent challenge to management, which has been crucial in the current difficult environment, and has provided valued support to the Committee in the advice given and the clarity of their briefings and reports. The feedback received from other stakeholders through the annual evaluation exercise has been positive.

As Chairman of the Committee, I have liaised as appropriate with the Chairman of the Board HR and Remuneration Committee, particularly to draw attention to any specific aspects of the Group’s results which I feel he ought to be aware of when determining appropriate levels of compensation.

The Committee can confirm that it received sufficient, reliable and timely information from management to enable it to fulfil its responsibilities.



In the second half of the year, as the financial crisis started to evolve into a global economic downturn, the Committee directed increasing attention at the deepening economic downturn, reviewing the key controls by which consequent risk can be managed. As a result, impairment measurement, fraud controls, collections activities and day-to-day credit controls and security documentation are receiving increased scrutiny from the Committee. During the year we also received additional presentations and reports on the impact of the acquisition of the Lehman Brothers North



**Stephen Russell**  
Chairman of the Board Audit Committee  
5th March 2009



- considered the effectiveness of the Group's internal controls over financial reporting;
- received regular reports on 'Raising Concerns', including whistleblowing;
- considered the Fraud Risk Control Framework; and
- reviewed its Terms of Reference to satisfy itself that they enable the Committee to fulfill its responsibilities.

The Committee also received regular updates during 2008 on:

- Basel II
- MiFID
- Sarbanes-Oxley
- Sanctions compliance

In February 2009, the Committee reviewed its activities in 2008 against its terms of reference and concluded that it had discharged the responsibilities delegated to it under those terms of reference.

#### Approval of financial statements

Barclays has a strong governance process in place to support its framework of disclosure controls and procedures. That process, in which the Board Audit Committee plays a key role, is illustrated in Figure 6.

The Legal and Technical Review Committee is an accounting, legal and regulatory compliance committee, which is responsible for reviewing the Group's financial reports and disclosures to ensure that they have been subject to adequate verification and comply with legal and technical requirements. Meetings are attended by the Group's auditors and US lawyers. The membership of the Disclosure Committee and its role is set out on page 154. The membership of the Executive Committee and its role is set out on pages 153 and 154.

This governance process is in place to ensure both management and the Board are given sufficient opportunity to review and challenge the Group's financial statements and other significant disclosures before they are made public. It also provides assurance for the Group Chief Executive and Group Finance Director when providing certifications as required under the Sarbanes-Oxley Act 2002 and recommended by the Turnbull Guidance on Internal Control. Further details of the Group's system of internal control and an assessment of its effectiveness may be found on page 173.

#### Non-Audit Services Policy

The Committee takes seriously its responsibility to put in place safeguards to auditor objectivity and independence. It has therefore established a policy on the provision of services by the Group's statutory auditor. The Policy describes the circumstances in which the auditor may be permitted to undertake non-audit work for the Group. The Committee oversees compliance with the Policy and considers and approves requests to use the auditor for non-audit work. Allowable services are pre-approved up to £100,000, or £10,000 in the case of certain taxation services. The Company Secretary and his team deal with day-to-day administration of the Policy, facilitating requests for approval by the Committee. The Committee receives a report at each meeting on the non-audit services provided by the auditor and the Policy is reviewed by the Committee annually. Details of the services that are prohibited and allowed are set out below.

Services that are prohibited include:

- bookkeeping
- design and implementation of financial information systems
- appraisal or valuation services
- actuarial services
- internal audit outsourcing
- management and Human Resource functions
- broker or dealer, investment adviser or investment banking services
- legal, expert and tax services involving advocacy

Allowable services that the Committee will consider for approval include:

- statutory and regulatory audit services and regulatory non-audit services
- other attest and assurance services
- accountancy advice and training
- risk management and controls advice
- transaction support
- taxation services
- business support and recoveries
- translation services

Fig 6: Approval of financial statements



## Corporate governance report

### Board Risk Committee

Sir Richard Broadbent (Chairman)  
David Booth  
Dr Danie Cronjé (to 24th April 2008)  
Sir Andrew Likierman  
Stephen Russell

Secretary: Lawrence Dickinson

The Board Risk Committee terms of reference are available from the Corporate Governance section at: [www.aboutbarclays.com](http://www.aboutbarclays.com).

In addition to the Members of the Committee, all meetings are usually attended by the Group Finance Director and Group Risk Director. Barclays Internal Audit Director, Group General Counsel and Barclays external auditor, as well as other senior executives, also attend meetings of the Board Risk Committee, where appropriate.

The Board recognises that risk is a key parameter for the business.

The Board Risk Committee provides monitoring and oversight of all Barclays risk activities. During 2008, the Committee received presentations and updates on key aspects of the external market conditions to ensure it was able to maintain an appropriate level of oversight and report effectively to the Board.

### Activities in 2008

The Committee met four times in 2008 and Figure 7 shows how the Committee allocated its time at those meetings. During 2008, the Committee:

- received regular reports on, and considered, Risk Appetite and the Group's risk profile, including key indicators for Risk Appetite, Group Impairment, Retail Credit Risk, Wholesale Credit Risk, Market Risk, Financial Crime, Operational Risk and Economic Capital;
- reviewed at each meeting updates on asset backed securities and leveraged credit markets, including the Group's exposures to sub-prime and Alt-A markets, monoline insurers and leveraged loan underwriting positions;
- reviewed updates on liquidity risk;
- reviewed risk trends and risk management in GRCB – Emerging Markets and South Africa;
- received regular Forward Risk Trends reports, which set out the internal and external indicators that are showing signs of strain;
- reviewed the internal control framework;
- examined the risk control framework, and approved Group policies including the trading book policy, large exposures policy, liquidity policy, retail and wholesale credit impairment policies and the Group's principal risks policy;
- reviewed Group-wide stress testing scenarios and results;
- reviewed in greater detail the process around setting annual Risk Appetite to establish the effectiveness of the process in responding to significant changes in economic and market conditions;
- reviewed the programme of actions being taken Group-wide to mitigate risk in view of deteriorating economic conditions in our major markets, such as the UK, US, South Africa and Spain;
- reviewed the Risk Appetite for the Group for 2009 and made recommendations to the Board; and
- received updates on Basel II.

### Board Risk Committee Chairman's Statement

2008 was a challenging year for risk management and this was reflected in the work of the Committee, which is detailed below. Particular areas worthy of note were:

- The Committee monitored the Group's sub-prime exposures throughout the year. The reduction in limits and scale of the sub-prime business in 2007 reduced the impact of the crisis, although substantial write-downs were still required during 2008, reflecting a further deterioration in the markets and underlying performance of the assets.
- The Committee also monitored the Group's exposure to other areas affected by the crisis, including other asset-backed securities, commercial mortgages and monoline insurers.
- The Committee reviewed and compared the write-downs being taken in the sub-prime and related areas with those being taken by the industry.
- The Committee monitored carefully the Group's overall risk exposure in the light of the anticipated worsening in economic conditions and reviewed management plans to manage and mitigate the effects of the expected downturn in multiple markets.
- The Committee also monitored the capital position throughout the year relative to regulatory requirements and the Group's overall risk appetite. Several steps were taken throughout the year to strengthen the capital base prior to the events of October 2008 when the regulator changed the capital requirements for banks, requiring a further and substantial capital raising.
- The Committee played an active role in informing Board debate about Risk Appetite and capital planning for 2009.



**Sir Richard Broadbent**  
Chairman of the Board Risk Committee  
5th March 2009

In March 2009, the Committee will review its activities in 2008 against its terms of reference.

More information on risk management and the internal control framework can be found in the Risk management report on pages 57 to 136.

Fig 7: Board Risk Committee allocation of time



	2008	2007
1 Risk Profile/Risk Appetite (including capital management)	55	40
2 Key Risk Issues (including ABS and Leveraged Credit Markets)	35	40
3 Internal Control/Risk Policies	4	3
4 Regulatory Frameworks	5	12
5 Other	1	5

### Board Corporate Governance and Nominations Committee

Marcus Agius (Chairman)  
Sir Richard Broadbent  
Sir Nigel Rudd  
Stephen Russell  
Sir John Sunderland

Secretary: Lawrence Dickinson

The Board Corporate Governance and Nominations Committee terms of reference are available from the Corporate Governance section at: [www.aboutbarclays.com](http://www.aboutbarclays.com).

The meetings are also attended by the Group Chief Executive.

#### Activities in 2008

Figure 8 shows how the Committee allocated its time at its meetings in 2008. During 2008, the Committee:

- reviewed Board and Board Committee composition to ensure the right mix of skills and experience are present;
- monitored the progress of the action plan arising from the 2007 Board Effectiveness Review and oversaw the conduct of the 2008 Board Effectiveness Review;
- reviewed the corporate governance disclosures for the 2007 Annual Report and considered the proposed disclosures for 2008;
- reviewed and updated Corporate Governance in Barclays and the Charter of Expectations; and
- reviewed succession plans for the Executive Committee and the position of Group Chief Executive.

The Committee also received updates on:

- the status of the Companies Act 2006 and, in particular, the new statutory statement of Directors' Duties on Conflicts of Interest.

During 2008, the Committee reviewed the composition of the Board and its principal Committees at each of its meetings. Following those deliberations, the Committee recommended to the Board that Sir Michael Rake succeed Stephen Russell as Chairman of the Board Audit Committee with effect from March 2009. No new Directors were appointed to the Board during 2008, other than Sir Michael Rake and Patience Wheatcroft, who joined the Board with effect from 1st January 2008.

Given that Sir Nigel Rudd and Professor Dame Sandra Dawson will be retiring from the Board at the 2009 AGM and Stephen Russell will be retiring in October 2009 on completion of nine years' service, the Committee also discussed both Board size and future Board composition and, in particular, given the continuing crisis in the world financial services industry, the type of skills and experience required in new non-executive Directors.

In early 2009, the Committee concluded that a non-executive Director with experience of institutional fund management should be sought and, with the assistance of external search consultants, Simon Fraser was identified as a candidate with the desired experience. He met with members of the Board Corporate Governance & Nominations Committee and his appointment was recommended to the Board, who approved his appointment as a Director. Simon will join the Board on 10th March 2009, subject to regulatory approvals.

Pursuant to an agreement entered into between Barclays and China Development Bank (CDB) in August 2007 for the subscription of Barclays ordinary shares, CDB retain the right to nominate a non-executive Director to the Board of Barclays but did not take up this right during 2008.

In January 2009, the Committee reviewed its activities in 2008 against its terms of reference and concluded that it had discharged the responsibilities delegated to it under those terms of reference.

### Board HR and Remuneration Committee

Sir Richard Broadbent (Chairman)  
Marcus Agius  
Leigh Clifford  
Sir John Sunderland

Secretary: Patrick Gonsalves

The Board HR and Remuneration Committee terms of reference are available from the Corporate Governance section at: [www.aboutbarclays.com](http://www.aboutbarclays.com)

Additional information on the role and activities of the Committee can be found in the Remuneration Report on pages 157 to 173, including the Group's revised philosophy on remuneration, an explanation of the Group's remuneration arrangements and a description of the framework for future decisions in this area.

#### Activities in 2008

Figure 9 shows how the Committee allocated its time at its meetings in 2008. The Committee held additional meetings in November 2008 and January 2009, as a result of the rapidly changing economic environment and the intense scrutiny from regulators and other interested parties that the issue of remuneration has received.

During 2008 the Committee:

- continued to review the compensation frameworks in place for each area of the Group;
- reviewed executive compensation;
- reviewed the Group's approach to remuneration in light of market conditions;
- approved the Pensions Strategy and other pension matters;
- reviewed global staff benefits;
- monitored the implementation of the talent agenda;
- reviewed the Group's Health and Safety and Diversity and Inclusion performance;
- considered incentive funding for 2008 for each main business area;
- reviewed, current and future, Group and business long-term incentive arrangements; and
- held discussions with external advisers to the Committee on a range of issues, including obtaining market data on remuneration levels in specified markets.

The Committee received valuable support and advice from its independent advisers, Towers Perrin MGMC and Kepler Associates.

#### Management Executive Committee

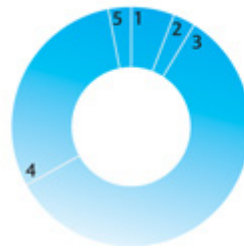
Under the leadership of the Group Chief Executive, the executive Directors are responsible for managing the Group's business and making and executing operational decisions. The Executive Committee supports the Group Chief Executive and it meets every fortnight to discuss strategy development and policies to recommend to the Board. The Executive Committee is also responsible for implementing approved strategy and is supported by other Committees, including the Disclosure Committee.

Fig 8: Board Corporate Governance and Nominations Committee allocation of time



	2008	2007
1 Corporate Governance Matters	52	23
2 Board and Committee Composition (including succession planning)	38	46
3 Board Effectiveness	7	20
4 Other	3	11

Fig 9: Board HR and Remuneration Committee allocation of time



	2008	2007
1 HR Matters (including pensions, excluding talent)	6	-
2 Talent Management	3	6
3 Incentive Reward	58	61
4 Remuneration (other, including compensation philosophy)	30	17
5 Other	3	16

# Corporate governance report

## Executive Committee

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John Varley (Chairman)  
Bob Diamond  
Chris Lucas  
Frits Seegers

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## Disclosure Committee

The Disclosure Committee is chaired by Chris Lucas, the Group Finance Director. Members include the Company Secretary, Group General Counsel, Director, Investor Relations, Group Risk Director, Barclays Corporate Affairs Director, Group Financial Controller and Barclays Treasurer. The Committee:

- considers and reviews the preliminary and half-year results, Annual Report/Annual Report on Form 20F and the Annual Review; and
- considers Interim Management Statements released to the Stock Exchange.

The Committee also considers the content, accuracy and tone of significant other announcements that are proposed to be made in accordance with the FSA's Disclosure and Transparency Rules.

The Committee reports to the Executive Committee and also reports to the Board Audit Committee, documenting its conclusions about the effectiveness of the design and operation of the disclosure controls and procedures. This forms part of the combined assurance given to the

Board Audit Committee together with the report on the Turnbull Review of Internal Controls recommended by the Code.

## Board Effectiveness

### Performance Review

The Code recommends that an evaluation of the effectiveness of the Board and its Committees is conducted annually. The evaluation in 2007 was independently facilitated by Egon Zehnder International. All Directors were sent a questionnaire to complete and return to Egon Zehnder International and these were discussed in individual interviews, which included peer review. The following actions were agreed for 2008:

- minor enhancements around the form and content of Board papers and presentations; and
- refining the Board calendar of business.

The 2008 evaluation was again independently facilitated by Egon Zehnder International and took the form of detailed questionnaires, which were completed by each Director, individual interviews and peer evaluation of fellow Directors. As in previous years, the evaluation covered the following areas:

- Group performance;
- Strategy and performance objectives;
- Reporting to shareholders/stakeholders;
- Structure, people, succession planning and remuneration;
- Decision-making process;
- Information flows;
- Board structure and composition;
- Board roles and responsibilities;
- Board and Management relationships;
- Board meetings; and
- Board Committees.

The results of the evaluation were presented to the Board in December 2008. The results from the overall review showed a continuation of the five-year trend of improving scores and the Board concluded that the Board and the principal Board Committees continue to operate effectively in terms of communication, information flows and Directors' participation and engagement, particularly during the period of difficult market conditions in 2008. The Directors recognised however, and were disappointed, that Group performance has not met shareholder expectations and

From the results of the 2008 evaluation, action points and issues that were discussed included:

- continued focus on the Board's calendar of business to ensure that non-critical items are removed or kept to a minimum, thereby ensuring that sufficient time can be allocated to items fundamental to the success of the Group;
- refinements to the Board's calendar of business, including additional time to be spent on items such as compensation strategy and succession planning;
- the overall size and composition of the Board; and
- refinements to the process for evaluating the performance of individual Directors.

The Board Corporate Governance and Nominations Committee has agreed an action plan to progress improvements in 2009.

In terms of individual Director performance, the Group Chairman held private meetings with non-executive Directors in early 2009 so that individual and general results could be discussed. Development plans relating to their own individual performance were agreed. The Senior Independent Director met privately with the other non-executive Directors and the Group Chief Executive to discuss feedback he received on the Group Chairman's performance. These results were then shared with the Group Chairman.

## Director Development and Business Awareness

A comprehensive development and awareness programme is in place for Directors. This comprises:

- an induction programme, when they join the Board;
- briefings on the business of Barclays; and
- briefings on external technical matters.

## Induction

All new Directors receive an induction presentation, which explains their responsibilities as a Director of a global, listed company and provides an overview of the Group and its businesses. An information pack, that gives details of the disclosures that Directors are obliged to make to the Company to comply with various laws and regulations, is also provided to each new Director. A personal induction programme is scheduled with each new Director so that they can further acquaint themselves with the Group and its businesses. Each new Director attends sessions with each of the executive Directors and the heads of the main Group functions, which includes opportunities to visit operational sites to meet with senior management and employees. The second part of their induction programme includes additional sessions with the executive Directors and senior managers from each of the Group's main business units to provide the new Director with detailed and in-depth understanding of those businesses. The sessions focus on the challenges, opportunities and risks that are faced by each business unit. Sir Michael Rake and Patience Wheatcroft undertook their induction programmes during 2008.

In 2008, non-executive Directors were asked to complete a questionnaire and give feedback on topics on which they would like to receive additional briefings. Two in-depth briefing sessions were arranged during 2008 on impairment recognition and forecasting and on Barclays Capital's traded products, including asset-backed securities, credit default swaps and collateralised debt obligations.

The Board and the Board Audit and Board Risk Committees received further briefings to ensure they were kept up to date with the changing global economic conditions, including updates on capital management, presentations on asset-backed securities and liquidity risk, mark-to-market valuations and briefing material to support the various capital raising proposals and acquisition of the Lehman Brothers North American businesses.

## Barclays businesses and operations

During 2008, one Board meeting was held off-site. The Board met in China in September and received presentations on the economic and political outlook in China and met key Barclays staff working in the Asia-Pacific region.



acknowledged that they are accountable to shareholders for their stewardship of the Group during the exceptional events of 2008.

Group Chief Executive, John Varley, helped to launch UK National Branch Week by visiting the Coventry High Street branch. During the course of the week, around 400 senior executives from the Group went back to the floor to experience first hand the successes and challenges colleagues in the branches are facing. Each day had a theme including raising the profile of Barclays product range, employee benefits, the importance of customer service, personal development and charity fundraising. A number of Directors participated and worked alongside cashiers, personal bankers and co-ordinators for the day.

John Varley also spent time giving presentations to colleagues on the Group's capital raising proposals. He kept colleagues up to date on how market conditions were affecting Barclays and the decisions the Board was taking in respect of the capital raising options that were available. All colleagues were invited to attend the presentations in person or via conference call and John Varley answered questions raised by colleagues from around the world.

#### External matters

Directors are regularly briefed on market opinion and receive copies of analyst research and press commentary. Further briefing material on market conditions was sent to Directors during 2008 and Directors continue to receive relevant publications to keep them up to date with changing market opinion. Directors are invited to attend results presentations to meet with analysts and investors to enhance their awareness of market sentiment.

#### Statement on US Corporate Governance Standards

The statement required by NYSE is set out below.

#### Director independence

NYSE Rules require the majority of the Board to be independent.

The Code requires at least half of the Board (excluding the Chairman) to be independent. The NYSE Rules contain detailed tests for determining whether a Director is independent, whereas the Code requires the Board to determine whether each Director is independent in character and judgement and sets out criteria that may be relevant to that determination. We follow the Code's recommendations as well as developing best practices among other UK public companies. The independence of our non-executive Directors is reviewed by the Board on an annual basis and it takes into account the guidance in the Code and the criteria we have established for determining independence, which are described on pages 147 and 148.

#### Board Committees

We have a Board Corporate Governance and Nominations Committee and a Board HR and Remuneration (rather than Compensation) Committee, both of which are broadly similar in purpose and constitution to the Committees required by the NYSE Rules and whose terms of reference comply with the Code's requirements. As the Group Chairman was independent on appointment, the Code permits him to chair the Board Corporate Governance and Nominations Committee and be a member of the Board HR and Remuneration Committee. Except for these appointments, both Committees are composed solely of non-executive Directors, whom the Board has determined to be independent. We follow the Code recommendation that a majority of the Nominations Committee should be independent non-executive Directors, whereas the NYSE Rules state that the Committee must be composed entirely of independent Directors. We comply with the NYSE Rules regarding the obligation to have a Board Audit Committee that meets the requirements of Rule 10A-3 of the US Securities Exchange Act, including the requirements relating to the independence of Committee members. In April 2008, we made an Annual Written Affirmation of our compliance with these requirements to the NYSE. The Code also requires us to have a Board Audit Committee comprised solely of independent non-executive Directors. However, we follow the Code recommendations, rather than the NYSE Rules regarding the responsibilities of the Board Audit Committee, although both are broadly comparable. We also have a Board Risk Committee, comprised of independent non-executive Directors, which considers and discusses policies with respect to risk assessment and risk management.

#### Corporate Governance Guidelines

The NYSE Rules require domestic US companies to adopt and disclose

#### Code of Ethics

The NYSE Rules require that domestic US companies adopt and disclose a code of business conduct and ethics for Directors, officers and employees. Rather than a single consolidated code as envisaged in the NYSE Rules, we have a number of 'values based' business conduct and ethics policies which apply to all employees. In addition, we have adopted a Code of Ethics for the Group Chief Executive and senior financial officers as required by the US Securities and Exchange Commission.

#### Shareholder approval of equity-compensation plans

The NYSE listing standards require that shareholders must be given the opportunity to vote on all equity-compensation plans and material revisions to those plans. We comply with UK requirements, which are similar to the NYSE standards. However, the Board does not explicitly take into consideration the NYSE's detailed definition of what are considered 'material revisions'.

#### Relations with Shareholders

##### Institutional investors

A key priority for the Board in 2008 was communicating with shareholders, particularly ahead of the General Meeting in November 2008, and also afterwards in order to provide further details to shareholders on the key decision points during the capital raising process. In the normal course of events, the Board aims to keep shareholders up to date and informed about how the Company is performing and its strategy, whilst ensuring that it listens to the opinions of major shareholders and takes their views on board. Executive Directors and senior executives hold group and one to one meetings with major investors to ensure we are communicating effectively. Analyst research notes are distributed to Directors and our corporate brokers provide regular feedback to the Board. The Investor Relations team organise roadshows, seminars, conferences, presentations and other activities that enable the Directors to interact with investors. The Group Chairman, Senior Independent Director and Company Secretary conduct a series of meetings with the corporate governance representatives of our major institutional shareholders ahead of each AGM. Meetings were held with our major institutional shareholders to discuss the capital raising proposals.

##### Private shareholders

The Board has also tried to keep private shareholders up to date with information about the capital raising proposals during 2008. In June 2008, the Group Chairman sent a letter to shareholders regarding the Open Offer, which took place in July. Personalised forms were also sent to shareholders with a question and answer booklet to help explain the details of the Open Offer and how to complete the forms. Further documents were available on the Group's website and sent to shareholders on request. In November, the Group Chairman sent a letter to shareholders and Notice of General Meeting, which set out the details of the Capital Raising that required shareholder approval. A follow-up letter was also sent to shareholders to inform them of developments and to advise shareholders that all Directors would offer themselves for re-election at the 2009 AGM and that the executive Directors had all agreed to waive their bonus for 2008. An open letter to shareholders, clients, customers and colleagues from the Group Chairman and Group Chief Executive was released to the London Stock Exchange on 26th January 2009 ahead of the publication of the annual results announcement on 9th February 2009.

The change in the law that allows us to communicate electronically with shareholders has enabled us to use less paper, which benefits the environment and lowers distribution costs for the Group. All shareholder documents are available electronically as soon as they are published but shareholders can still receive communications in paper format if they wish. This year we will continue to post the Annual Review, Notice of Meeting and proxy forms to all shareholders.

We encourage shareholders to hold their shares in Barclays Sharestore, where shares are held electronically in a cost-effective and secure environment. Shareholders can use our e-view service to receive their shareholder documents electronically and they can also use this service to get immediate access to information relating to their personal shareholding and dividend history. E-view participants can also change their details and dividend mandates online and receive dividend tax vouchers electronically.

corporate governance guidelines. There is no equivalent recommendation in the Code but the Board Corporate Governance and Nominations Committee has developed corporate governance guidelines, 'Corporate Governance in Barclays', which have been approved and adopted by the Board.

## Corporate governance report

### Annual General Meeting/General Meeting

The 2008 AGM was held on 24th April 2008 at The Queen Elizabeth II Conference Centre in London. In accordance with best practice, all resolutions were considered on a poll and the results were made available on our website the same day. 52.9% of the shares in issue were voted and all resolutions were approved. All Directors are encouraged to attend the AGM and are available to answer shareholder questions. All Directors attended the 2008 AGM, with the exception of Dr Danie Cronjé, who was retiring from the Board on that day. A class meeting of ordinary shareholders was also held on 24th April 2008 for shareholders to consider the resolution of the AGM that created new preference share classes. 50.5% of the shares in issue were voted and the resolution was approved by shareholders.

A general meeting (GM) was held on 24th November 2008, at ExCel London, where shareholders were asked to approve resolutions in connection with the Capital Raising proposals. 60.8% of the shares in issue were voted on a poll and all resolutions were approved. The results of the poll were made available on our website on the same day. The Group Chairman, all of the executive Directors and four non-executive Directors, including the Senior Independent Director, Deputy Chairman and Board Audit Committee Chairman, attended the GM.

The 2009 AGM will be held on 23rd April 2009 at The Queen Elizabeth II Conference Centre in London. The Notice of Meeting is enclosed with this Annual Report as a separate document. The resolutions will be considered on a poll and the results will be available on our website on 23rd April 2009.

Signed on behalf of the Board

**Marcus Agius**  
Group Chairman  
5th March 2009

Corporate governance

# Remuneration Report

## Statement from the Chairman of the Board HR and Remuneration Committee

### Context

The disruption in the capital markets that commenced in 2007 deepened in 2008 resulting in one of the most challenging years ever for the global financial services sector. As 2008 closed it was clear that the depth of the financial crisis was so severe that a significant global economic downturn was unavoidable. The extent to which remuneration structures may have played a role in contributing to the financial crisis was still being debated and under scrutiny as this statement was written. Whatever outcomes prevail it is certain the remuneration structures will be different in the future.

As a consequence of events, the Committee commenced its deliberations for the 2008 performance year earlier than usual and met more times than is typical. The agenda rapidly developed into two work streams: first, the immediate decisions for 2008; and, second, the long-term shape of remuneration. Work continues on the latter and will extend into 2009. Our guiding principle throughout all decisions has been 'pay for performance'.

### 2008

Barclays delivered profit of £6,077m, 14% lower than 2007. Although profitability, on an absolute and relative basis, compares favourably across the sector, several features of performance resulted in a more severe reduction in variable remuneration:

1. The significant under performance of the share price and the absolute reduction in market capitalisation (£20bn in 2008)
2. The decision not to pay a final dividend for 2008
3. The significantly lower absolute performance and weaker earnings in Barclays Capital

The variable pay for the Group reduced 48% relative to 2007.

Accountability rests at the most senior levels and key factors relating to executive Directors include:

- zero annual performance bonus for 2008
- no salary increases for 2009
- executive Directors who have long-term performance shares due to be released in 2009 shall agree that these be deferred for a further two years and subject to additional financial performance over that period.
- the total 2009 long-term awards are 64% lower than last year, with no awards for the Chief Executive and President.

An assessment of Barclays remuneration structures and how well the calibration had worked during this stressed period shows significant alignment with shareholders:

- the existing long-term performance share plan award cycles (2007/09 and 2008/10) are not expected to vest
- the cumulative effect of delivering significant proportions of remuneration in Barclays shares (which are typically held on a long-term basis) has resulted in the executive Directors' share interests decreasing in value by an aggregate of £63m in 2008, which when added to the decrease of £32m in 2007 totals £95m for the two year period
- the value of employee interests in shares under Barclays employee share plans has decreased over 2007 and 2008 by approximately £2bn.

### Future of Remuneration

The Committee commenced a review of remuneration during 2008. The objective of the review was to assess how the pay for performance culture and alignment with shareholders could be strengthened further. As the review advanced it became clear that the mandate ought to be extended to incorporate a broader industry wide review of remuneration. So far the Committee has:

- revised the remuneration policy (see page 158) to accentuate risk management and the role of behaviours in the determination of remuneration
- increased the shareholding requirements for executive Directors (from 1x to the higher of 2x times base salary or average total annual cash compensation over the prior three years)
- announced a new plan in the first quarter of 2009 for approximately 15,000 employees to significantly increase the proportion of remuneration paid over multiple years.

The review is continuing and will address detailed remuneration plans and proposals which will be developed during 2009. The challenge for the industry is to use this period to develop robust remuneration structures that balance commercial enterprise with risk in the interests of all stakeholders.

Barclays will be engaged in extensive dialogue and consultation with shareholders in developing its new proposals. An update on progress will be provided at the AGM.

### Report

The following report of the Committee provides further explanation of the current remuneration governance and arrangements for executive Directors and is divided into the following sections:

- Committee remit, members and advisers
- Remuneration policy and governance
- Executive Directors' remuneration
- Non-executive Directors' remuneration
- Former Directors' remuneration
- Share plan descriptions

The Committee unanimously recommends that you vote at the 2009 AGM to approve the Remuneration Report as all Directors will be doing with their own Barclays shares.

On behalf of the Board



**Sir Richard Broadbent**  
Chairman, Board HR and Remuneration Committee  
5th March 2009

## Corporate governance

# Remuneration Report

### Board HR and Remuneration Committee remit and membership

The Committee provides governance and strategic oversight of executive and all other employee remuneration, Barclays Human Resource activities and senior management development. The Committee's terms of reference are available in the Corporate Governance section of the website <http://www.aboutbarclays.com>. The Committee met formally five times during 2008. After each formal meeting the Chairman of the Committee presented a report to the full Board. A report on the Committee's activities is set out on page 153 as part of the Corporate Governance Report.

The members of the Committee, are Sir Richard Broadbent (Chairman), Marcus Agius (Group Chairman), Leigh Clifford and Sir John Sunderland.

The non-executive Directors who are Committee members are considered by the Board to be independent of management and free from any business or other relationship that could materially affect the exercise of their independent judgement.

### Advisers

The Committee's work is supported by independent professional advice. The Committee reviews the appointment of advisers each year. Towers Perrin MGMC and Kepler Associates were both re-appointed by the Committee in 2008. Deloitte LLP also advised the Committee. Any potential conflicts of interest the advisers may have are disclosed to the Committee. In addition to advising the Committee, Towers Perrin MGMC provided remuneration benchmarking data and Deloitte LLP and its affiliates also provided remuneration benchmarking data, tax, regulatory, information technology risk, pensions, corporate finance and consulting services to the Barclays Group.

The Group Chief Executive, the Human Resources Director and, as necessary, members of the Executive Committee, also advise the Committee, supported by their teams. No employee of Barclays Group is permitted to participate in discussions or decisions of the Committee relating to their own remuneration.

### Remuneration Policy

During the year the Committee revised the Barclays Remuneration Policy. The revised policy is to:

1. Attract and retain those people with the ability, experience and skill to deliver the strategy.
2. Create a direct and recognisable alignment between the rewards and risk exposure of shareholders and employees, particularly executive Directors and senior management.
3. Incentivise employees to deliver sustained performance consistent with strategic goals and appropriate risk management, and to reward success in this.

4. Deliver compensation that is affordable and appropriate in terms of value allocated to shareholders and employees.

5. Encourage behaviour consistent with the principles that guide Barclays business:

#### i) Winning together

– Doing what is right for Barclays, its teams and colleagues, to achieve collective and individual success.

#### ii) Best People

– Developing talented colleagues and differentiating compensation to reflect performance.

– Doing what is needed to ensure a leading position in the global financial services industry.

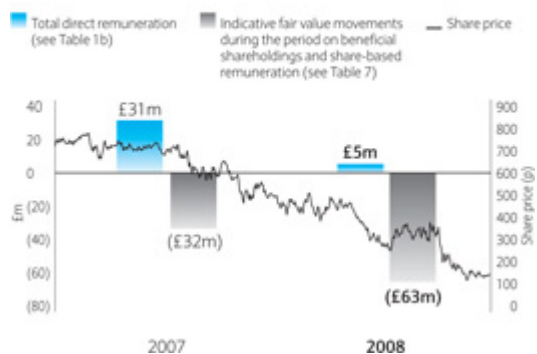
#### iii) Customer and Client Focus

– Understanding what customers and clients want and need and then serving them brilliantly.

### Executive Directors' remuneration – alignment of interests with shareholders

Figure 1 shows the aggregate total direct remuneration of the executive Directors for 2007 and 2008 (as shown in Table 1) compared to the indicative fair value movements on the executive Directors' aggregate share based remuneration and beneficial interests in Barclays shares from 1st January 2007 to 31st December 2008 (as shown in Table 7). The performance of Barclays share price has been shown for context. The chart shows that the executive Directors' interests have decreased in value by £95m over 2007 and 2008 as a consequence of the movement in Barclays share price.

Fig 1: Executive Directors' remuneration – alignment of interests with shareholders



iv) **Pioneering**

- Driving new ideas, especially those that make Barclays profitable and improve control.
- Improving operational excellence.
- Adding diverse skills to stimulate new perspectives and bold steps.

v) **Trusted**

- Acting with the highest levels of integrity to retain the trust of customers, shareholders, other external stakeholders and colleagues.
- Taking full responsibility for decisions and actions.
- Reflecting the operation of independent, robust and evidence-based governance and control and complying with relevant legal and regulatory requirements.

The Committee keeps the remuneration policy and arrangements, as detailed in this Report, under review to ensure that Barclays programmes remain competitive and provide appropriate incentive for performance.

**Remuneration Policy Governance**

To ensure appropriate operation of the remuneration policy, the Committee has established frameworks for the governance of remuneration in the Global Retail and Commercial Banking and Investment Banking and Investment Management businesses and for the Group as a whole. These frameworks will be reviewed in 2009. The current frameworks set out key financial ratios

achieved by Barclays and its competitors and have been used by the Committee to inform its decision-making process when approving aggregate remuneration spend, including bonus and long-term incentive expenditure, strategic investment for new hires, and the remuneration arrangements of any employee with annual total remuneration equal to or in excess of £750,000.

For all individual remuneration decisions made by the Committee, including those for executive Directors, the Committee reviews each element of remuneration relative to performance and to the practice of other comparable organisations. Remuneration is benchmarked against the markets in which we compete for talent. This includes benchmarking against other leading international banks and financial services organisations, and other companies of similar size to Barclays in the FTSE 100 Index.

Given the materiality of Barclays pension arrangements, the Committee operates a specific framework for the management of pensions to ensure proper oversight. The Global Retirement Fund Governance Framework is operated to ensure best practice in respect of regulatory compliance, governance, investment and administration. Details of the pension arrangements in place for executive Directors are set out on page 164 and for other employees on page 160.

As required by Part 3 of Schedule 7A of the Companies Act 1985, the Group's auditors, PricewaterhouseCoopers LLP, have audited the information contained in Tables 1b, 3, 5, 10, 11, 14, 16, 18, 19, 20, 21, 22 and 23 on pages 162 to 168.

**Total Shareholder Return**

Figure 2 shows the value, at 31st December 2008, of £100 invested in Barclays on 31st December 2003 compared with the value of £100 invested in the FTSE 100 Index. The other points plotted are the values at intervening financial year ends. The FTSE 100 Index is a widely recognised performance comparison for large UK companies and this is why it has been chosen as a comparator to illustrate Barclays TSR. The graph shows that, at the end of 2008, a hypothetical £100 invested in Barclays on 31st December 2003 would have generated a total loss of £59, compared with a gain of £18 if invested in the FTSE 100 Index.

Fig 2: Total Shareholder Return £





# Remuneration Report

## Executive Director's Pay

Table 1 explains the purpose of each element of remuneration and shows executive Directors' remuneration for 2008 and 2007.

## Base Salaries

The executive Directors will receive no base salary increase in 2009.

Table 2: Base salary

	Base salary at 31st Dec 2008 £000	Base salary at 1st April 2009 £000	Date of previous increase
<b>Executive Directors</b>			
John Varley	1,100	1,100	1st April 2008
Robert E Diamond Jr	250	250	1st March 1999
Chris Lucas	650	650	1st April 2008
Frits Seegers	700	700	n/a

Table 1a: Executive Directors' annual remuneration

Element	Purpose	Delivery	Programme summary	When normally received/ awarded
<b>Salary</b>	To reflect the market value of the individual and their role	<ul style="list-style-type: none"> <li>– Cash</li> <li>– Monthly</li> <li>– Pensionable</li> </ul>	<ul style="list-style-type: none"> <li>– Reviewed annually, with any increases typically effective on 1st April</li> </ul>	Paid in year
<b>Annual performance bonus (cash)</b>	To incentivise the delivery of annual goals at the Group, business division and individual levels	<ul style="list-style-type: none"> <li>– No more than 75% of annual performance bonus paid in cash</li> <li>– At least 25% recommended as deferred share awards under ESAS</li> <li>– Non-pensionable</li> </ul>	<ul style="list-style-type: none"> <li>– Based on annual business unit performance, performance of the Group as a whole and individual contribution</li> </ul>	Normally paid in the following financial year
<b>Total cash</b>	Sub-total of the above			
<b>Deferred share award (ESAS)</b>	To align annual performance with shareholder value and increase retention	<ul style="list-style-type: none"> <li>– At least 25% of annual performance bonus recommended as deferred share awards under ESAS</li> <li>– Non-pensionable</li> </ul>	<ul style="list-style-type: none"> <li>– Discretionary awards of shares to be deferred for three to five years. No performance condition on release, as a deferred share award</li> <li>– 20% bonus shares releasable after three years, a further 10% after five years</li> <li>– Dividends normally accumulated during deferral period</li> </ul>	Normally awarded in the following financial year
<b>Long-term incentive (PSP)</b>	To reward the creation of above median, sustained growth in shareholder value and Economic Profit (EP) performance	<ul style="list-style-type: none"> <li>– Annual awards of shares that vest after three years, subject to performance conditions</li> <li>– Non-pensionable</li> </ul>	<ul style="list-style-type: none"> <li>– Discretionary awards</li> <li>– Participation reviewed annually</li> <li>– Barclays performance over three years determines the performance shares eligible for release to each individual</li> </ul>	Normally awarded in the following financial year
<b>Total direct remuneration</b>	<b>Total of the above</b>			
<b>Pension (or cash allowance)</b>	To provide a market competitive post-retirement benefit	<ul style="list-style-type: none"> <li>– Deferred cash or cash allowance</li> <li>– Monthly</li> </ul>	<ul style="list-style-type: none"> <li>– Non-contributory, defined benefit scheme and/or defined contribution scheme, or cash allowance in lieu of pension contributions</li> </ul>	Paid or accrued during year
<b>Other benefits</b>	To provide market competitive benefits	<ul style="list-style-type: none"> <li>– Benefit in kind, or cash allowance</li> <li>– Non-pensionable</li> </ul>	<ul style="list-style-type: none"> <li>– Benefits include private medical, insurance life and disability cover, accommodation overseas when required for business purposes, use of company owned vehicle or cash equivalent and tax advice</li> </ul>	Received during year

Sub-total in accordance with Companies Act 1985      Total of Salary, Annual Cash Bonus, Other Benefits and Pension Cash Allowance

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**Annual Cash Bonus and Deferred Share Awards**

No annual cash bonuses or deferred share awards have been awarded to executive Directors for 2008. The maximum bonus opportunity for executive Directors is normally 250%, but is tailored to the relevant market.

**Long-term incentives****PSP Vesting in 2008**

The PSP awards made in 2005, due for release in March 2008 lapsed in full as the performance condition was not met.

As disclosed in the 2007 Report and Accounts, in March 2008 Robert E Diamond Jr received a cash payment of £7.425m and an award of shares deferred for one year under ESAS of £7.425m, detailed on pages 162 to 163 from the Retained Incentive Opportunity 2005-2007 in which he participated.

**PSP awards due to vest in 2009**

For the PSP awards made in relation to the 2006-2008 cycle, the TSR condition was not met and the EP condition was partially met. As a result, awards that are scheduled to vest in March 2009 (at the absolute discretion of the PSP trustee) are due to vest at 1.475 times the initial award (maximum is 3 times). This represents approximately 9% of the maximum value of the number of shares that could vest at the share price at award.

After consultation with the Remuneration Committee, the executive Directors intend to write to the PSP trustee to request that it defers the exercise of its discretion to re lease shares to them under the 2006-2008 awards for a further two year period. At the end of that period it is intended that the PSP trustee considers the re lease of the shares, subject to continued employment and a financial performance condition to be agreed and assessed by the Committee.

The maximum number of shares re leasable at the end of the two year period will be 1.475 times the initial award; there will be no opportunity to receive shares in excess of this number (except for any dividend shares that may be awarded at the PSP trustee's discretion).

**Proposed awards in 2009**

It is proposed that Chris Lucas and Frits Seegers are awarded a performance share plan award in 2009.

The number of shares awarded to date and the performance conditions relating to each award are set out on pages 162 and 163.

The PSP awards are shown in Table 1b at the fair value of the recommended awards.

**Table 1b: Executive Directors' annual remuneration**

	John Varley		Robert E Diamond Jr		Chris Lucas		Frits Seegers	
	2008 £000	2007 £000	2008 £000	2007 £000	2008 £000	2007 £000	2008 £000	2007 £000
<b>Salary</b>	1,075	975	250	250	638	450	700	700
<b>Annual performance bonus (cash)</b>	0	1,425	0	6,500	0	450	0	1,313
<b>Total cash</b>	<b>1,075</b>	<b>2,400</b>	<b>250</b>	<b>6,750</b>	<b>638</b>	<b>900</b>	<b>700</b>	<b>2,013</b>
<b>Deferred share award (ESAS)</b>	0	618	0	11,375	0	195	0	569
<b>Fair value of long-term incentive (PSP) award</b>	0	1,200	0	3,000	800	800	1,600	1,600
<b>Total direct remuneration</b>	<b>1,075</b>	<b>4,218</b>	<b>250</b>	<b>21,125</b>	<b>1,438</b>	<b>1,895</b>	<b>2,300</b>	<b>4,182</b>
<b>Pension (or cash allowance)</b>		Member of pension scheme.	Member of pension scheme.	Member of pension scheme.	Member of pension scheme.			
		See page 164	See page 164	See page 164	See page 164	159	113	175
<b>Other benefits</b>		23	18	66	14	18	22	27
Sub-total in accordance with Companies Act 1985		<b>1,098</b>	2,418	<b>316</b>	6,764	<b>815</b>	1,035	<b>902</b>

# Remuneration Report

## Share Plans

Barclays operates a number of share plans to align the interests of executive Directors with shareholders. The following tables summarise the interests of each executive Director in each plan and the relevant performance conditions for outstanding PSP cycles. The interests shown are the maximum number of shares that may be received under each plan. Executive Directors do not pay for any share plan award.

During 2008, the number of shares under each award or option has been increased in accordance with the rules by 2.68% and option exercise prices per share have been correspondingly reduced to reflect the impact of the capital raising in July. No other adjustments were made for capital raisings during the year.

Summary descriptions of principal share plans operated by Barclays are shown on pages 169-172.

**Table 3: Long-term plans and deferred share plans**

	Number of shares under award/option 1st January 2008 (maximum)	Awarded in year (maximum)	Market price on award date	Adjusted weighted average exercise price	Number released/exercised
<b>John Varley</b>					
PSP 2005-2007	426,135	–	£ 5.30	–	–
PSP 2006-2008	461,244	–	£ 6.75	–	–
PSP 2007-2009	491,130	–	£ 7.08	–	–
PSP 2008-2010	–	791,208	£ 4.25	–	–
ISOP	920,000	–	–	£ 4.29	–
Sharesave	3,638	–	–	£ 4.70	–
ESAS	344,711	135,715	£ 4.25	–	(23,214)
<b>Robert E Diamond Jr</b>					
PSP 2005-2007	156,249	–	£ 5.30	–	–
PSP 2006-2008	2,306,208	–	£ 6.75	–	–
PSP 2007-2009	2,803,548	–	£ 7.08	–	–
PSP 2008-2010	–	1,978,020	£ 4.25	–	–
ISOP	560,000	–	–	£ 4.42	–
ESOS	100,000	–	–	£ 3.97	–
RIO cash release	–	–	–	–	–
BGI EOP	100,000	–	–	£ 20.11	–
ESAS	4,863,749	4,131,868	£ 4.25	–	(2,131,463)
<b>Chris Lucas</b>					
PSP 2007-2009	248,730	–	£ 7.08	–	–
PSP 2008-2010	–	527,472	£ 4.25	–	–
Sharesave	3,638	–	–	£ 4.70	–
ESAS	69,091	42,857	£ 4.25	–	(34,546)
<b>Frits Seegers</b>					
PSP 2006-2008	473,184	–	£ 6.30	–	–
PSP 2007-2009	409,278	–	£ 7.08	–	–
PSP 2008-2010	–	1,054,944	£ 4.25	–	–
Sharesave	3,390	–	–	£ 4.70	–
ESAS	231,383	125,000	£ 4.25	–	(80,221)

Numbers shown for ESAS above represent provisional allocations that have been awarded. Numbers shown as aggregate ESAS amounts also include shares under option as at 31st December 2008. Nil cost options are normally granted under mandatory ESAS awards at the third anniversary of grant and are exercisable (over initial allocation and two-thirds of bonus shares) typically for two years. The aggregate exercise price of a nil cost option is £1 (further detail is included on page 169). At the fifth anniversary of the provisional allocation

the nil cost options normally lapse and the shares under provisional allocation (including bonus shares) are released at the discretion of the ESAS trustee. In 2008, nil cost options were granted to Mr Varley over 91,213 shares. Nil cost options (granted in 2003) lapsed during the year. Mr Varley held 63,447 nil cost options under ESAS as at 1st January 2008, and 146,282 as at 31st December 2008. The first and last exercise dates were 13th March 2006 and 7th March 2010 respectively.

**Table 4: Performance conditions attaching to the share plans in which the executive Directors participate**

Scheme	Performance period	Performance measure	Target
PSP	2008 -2010	50% of award calibrated against TSR	33% of maximum award released for above median performance (6th place) with 100% released in 1st place and a scaled basis in between
		50% of award calibrated against Cumulative EP over the three year performance period	33% of maximum award released for £6,921m scaled to 100% of maximum award at £8,350m

2007-2009	50% of award calibrated against TSR	As above
	50% of award calibrated against Cumulative EP over the three year performance period	33% of maximum award released for £7,618m scaled to 100% of maximum award at £8,668m
2006-2008	50% of award calibrated against TSR	As above
	50% of award calibrated against Cumulative EP over the three year performance period	33% of maximum award released for £5,661m scaled to 100% of maximum award at £7,073m
2005-2007	100% of award calibrated against TSR	As above

For PSP, at the end of each performance period, independent confirmation is provided to the Committee of the extent to which each performance condition has been met. Relative Total Shareholder Return (TSR) and Cumulative Economic Profit (EP) were selected in 2005 as performance measures to support the Group's long-term goals.

All awards and releases are recommended by the Committee and are subject to trustee discretion.

The trustees may also release dividend shares to participants which represent accumulated dividends (net of withholding) in respect of shares under award.

During 2008 Barclays highest share price was £5.06 and the lowest was £1.27. The share price at year end was £1.53.

Cash released	Market price on release/exercise date	Number lapsed in 2008	Adjustment due to open offer	Adjusted number of shares under award/option at 31st December 2008 (maximum)	Vested number of shares under option	Value of release/exercise	End of three year PSP performance period, or first exercise/scheduled release date	Last exercise/scheduled release date
-	-	(426,135)	-	-	-	-	31/12/07	16/06/08
-	-	-	12,360	473,604	-	-	31/12/08	21/03/09
-	-	-	13,164	504,294	-	-	31/12/09	22/03/10
-	-	-	21,204	812,412	-	-	31/12/10	20/03/11
-	-	-	24,655	944,655	944,655	-	18/05/03	22/03/14
-	-	-	97	3,735	-	-	01/11/14	01/05/15
-	£ 4.56	-	12,255	469,467	-	£ 0.1m	13/03/06	20/03/13
-	-	(156,249)	-	-	-	-	31/12/07	16/06/08
-	-	-	61,806	2,368,014	-	-	31/12/08	21/03/09
-	-	-	75,138	2,878,686	-	-	31/12/09	22/03/10
-	-	-	53,010	2,031,030	-	-	31/12/10	20/03/11
-	-	-	15,008	575,008	575,008	-	12/03/04	22/03/14
-	-	(100,000)	-	-	-	-	14/08/01	13/08/08
£7.425m	-	-	-	-	-	£ 7.42m	06/02/08	15/03/08
-	-	-	-	100,000	100,000	-	26/03/07	26/03/14
-	£ 4.56/£4.57	-	183,958	7,048,112	-	£ 9.74m	28/02/06	20/03/13
-	-	-	6,666	255,396	-	-	31/12/09	22/03/10
-	-	-	14,136	541,608	-	-	31/12/10	20/03/11
-	-	-	97	3,735	-	-	01/11/14	01/05/15
-	£ 4.45	-	2,075	79,477	-	£ 0.16m	31/03/08	20/03/13
-	-	-	12,684	485,868	-	-	31/12/08	04/08/09
-	-	-	10,968	420,246	-	-	31/12/09	22/03/10
-	-	-	28,272	1,083,216	-	-	31/12/10	20/03/11
-	-	-	90	3,480	-	-	01/11/12	01/05/13
-	£ 2.91	-	9,550	285,712	-	£ 0.23m	29/06/07	20/03/13

Mr Diamond's Retained Incentive Opportunity (RIO) reached the end of its performance period on 31st December 2007. Vesting was based on Barclays Capital's cumulative EP over the three-year performance period (which exceeded the £2bn threshold at which the maximum potential value would vest). This value of the RIO award was awarded 50% in cash and 50% in shares, deferred for one year under ESAS. The ESAS number shown as awarded in the year to

Mr Diamond includes the deferred share element of his Retained Incentive Opportunity (1,631,868 shares). No bonus shares are attributable to this award. The cash release made in the year is also shown in the table above.

Mr Varley and Mr Diamond received 6,047 and 172,264 dividend shares respectively from the ESAS released during the year (share price on release date was £4.56).

#### TSR Peer group constituents

UK	Mainland Europe	US	Underpin	Actual performance
HBOS, HSBC, Lloyds TSB, Royal Bank of Scotland	Banco Santander, BBVA, BNP Paribas, Deutsche Bank, UBS	Citigroup, JP Morgan Chase	Cumulative EP over performance period must exceed cumulative EP over previous three years	To be determined at vesting in March 2011
-	-	-	-	-
As above	-	-	As above	To be determined at vesting in March 2010
-	-	-	-	-
As above	-	-	As above	Performance condition partially met
-	-	-	-	-
As above	-	-	As above	TSR performance condition not met





# Remuneration Report

## Pensions

Chris Lucas and Frits Seegers receive a cash allowance of 25% of salary in lieu of joining a Group pension scheme.

John Varley is a member of the Group's closed UK defined benefit pension scheme. This non-contributory arrangement provides a pension benefit of two thirds of his pensionable salary at the normal retirement age of 60. Should he retire at 55, an unreduced pension of 60% of pensionable salary would be provided. There were no changes to the pension arrangements for Mr Varley during the year. His increase in pension of £83,000 during the year relates to accrual under the scheme. The scheme also provides, whilst in employment, a death in service dependant's pension of 50% of the pension that would have been payable if employment had continued until normal pension age. Mr Varley also has a defined contribution benefit of £549,816 as at 31st December 2008 in respect of a previous transfer from a freestanding AVC.

Robert E Diamond Jr participates in the Group's US non-contributory defined benefit arrangements which provide a benefit at age 65 of 1/60th of final average pensionable pay for each year of service up to a maximum of 30 years. In line with current market practice, final average pensionable pay includes salary and an element of bonus up to a current combined maximum of US\$350,000. The benefits are provided through the US defined benefit plan (a funded arrangement), and the US Restoration Plan (an unfunded arrangement). The scheme also provides a death in service spouse's pension of approximately 50% of the pension that would have been payable had early retirement occurred on the date of death.

Mr Diamond also participates in the Barclays Bank PLC 401K Thrift Savings Plan and Thrift Restoration Plan, which are both defined contribution plans. The company contributions in 2008 amounted to £11,745 (US\$21,859).

Table 5 sets out the pension benefits of the executive Directors.

Pension accrued during the year represents the change in accrued pension during the year (including inflation at the prescribed rate of 5% (U K)). Pensions paid from the UK final salary section of the applicable

fund are reviewed annually and increase by a minimum of the increase in the retail prices index (capped at 5%), subject to the scheme rules.

The transfer values have been calculated in a manner consistent with the Retirement Benefit Scheme – Transfer Values (GN11) published by the Institute of Actuaries, and the Faculty of Actuaries. During 2008, the independent UK Retirement Fund Trustee changed the transfer value basis for all members. The change reflected different mortality assumptions and a lower discount rate. This contributed £1.4m of the increase in transfer value of John Varley's pension during the year.

## Other benefits

Executive Directors are provided with benefits including private medical insurance, life and disability cover, the use of a company-owned vehicle or the cash equivalent, tax advice and accommodation overseas when required for business purposes. These benefits are available on similar terms to each executive Director. No Director has an expense allowance.

## Shareholding guideline

The Committee guideline that executive Directors should hold, as a minimum, the equivalent of one times their base salary in Barclays shares, including shares awarded under ESAS, was met by all executive Directors at 31st December 2007. During the year the Committee increased this guideline to the higher of two times salary or one-third of total remuneration for the last three years. Executive Directors have five years from their appointment to meet this guideline and a reasonable period to build up to the guideline again, if it is not met because of a share price fall. Table 6 shows the executive Directors' shareholdings. Table 7 shows the indicative change in value of the executive Directors' total share interests during 2008.

**Table 5: Pension provision**

	Age at 31st December 2008	Completed years of service	Accrued pension at 31st December 2007 £000	Pension accrued during 2008 (including increase for inflation) £000	Pension accrued during 2008 (excluding inflation) £000	Accrued pension at 31st December 2008 £000	Transfer value of accrued pension at 31st December 2007 £000	Transfer value of accrued pension at 31st December 2008 £000	Increase in transfer value during the year £000	Annual cash in lieu of pension £000
John Varley	52	26	489	83	59	572	9,463	12,328	2,865	–
Robert E Diamond Jr	57	12	38	7	5	45	214	280	66	–
Chris Lucas	48	1	–	–	–	–	–	–	–	159
Frits Seegers	50	2	–	–	–	–	–	–	–	175

**Table 6: Interests in shares of Barclays PLC at 31st December 2008**

	At 1st January 2008		At 31st December 2008	
	Beneficial	Non-beneficial	Beneficial	Non-beneficial
<b>Executive Directors</b>				
John Varley	470,650	–	593,266	–

**Table 6: Interests in shares of Barclays PLC at 31st December 2008**

	At 1st January 2008		At 31st December 2008	
	Beneficial	Non-beneficial	Beneficial	Non-beneficial
Robert E Diamond Jr	3,402,192	–	5,866,965	–
Chris Lucas	38,003	–	76,038	–
Frits Seegers	699,870	–	897,747	–

**Table 7: Indicative change in value of executive Director total share interests**

	Indicative value at 1st January 2008 £m	Change in holdings £m	Indicative value at 31st December 2008 £m	Indicative decrease on total share interest 2008 £m

**Executive  
Directors**

John Varley	7.1	1.4	2.5	(6.0)
Robert E Diamond Jr	50.9	22.3	23.5	(49.7)
Chris Lucas	1.0	1.0	0.7	(1.3)
Frits Seegers	6.2	2.6	2.8	(6.0)

Beneficial interests include shares held either directly, or through a nominee, their spouse, and children under 18. They include any interests held through Sharepurchase. Non-beneficial interests include any

interests in shares where the executive Director holds the legal, but not beneficial interest. In addition to the shares above Mr Diamond also holds 200,000 shares in Barclays Global Investors UK Holdings Limited. Mr Seegers has granted a third party bank security over 896,346 of the ordinary shares he holds. Mr Seegers retains beneficial ownership of these shares. He also holds 1,000 ordinary shares in Absa Group Limited. Note 45 provides further information on Directors and officers shareholdings. There were no changes to the interests of executive Directors in shares of Barclays PLC in the period 31st December 2008 to 27th February 2009.

Share interests are beneficial interests plus share plan interests including any initial or provisional allocations and vested awards under ESAS, PSP, ISOP, ESOS and Sharesave.

### Performance Linked Remuneration

Each element of remuneration is important and has a specific role in achieving the aims of the remuneration policy. The combined potential remuneration from annual performance bonus and PSP outweighs the other elements, and is subject to personal and Group performance, thereby placing the majority of potential remuneration at risk.

Table 8 shows the average proportions of fixed and variable pay over the last three years.

**Table 8: Variable remuneration average over the last three years (or since joining)**

	Variable		
	Fixed	Cash	Shares
<b>Executive Directors</b>			
John Varley	57%	19%	24%
Robert E Diamond Jr	2%	39%	59%
Chris Lucas	38%	12%	49%
Frits Seegers	22%	25%	53%

### Service Contracts

The Group has service contracts with its executive Directors which do not have a fixed term but provide for a notice period from the Group of 12 months and normally for retirement at age 65. Executive Directors' contracts allow for termination with contractual notice from the Group or, in the alternative, termination by way of payment in lieu of notice (in phased instalments) which are subject to contractual mitigation. In the event of gross misconduct, neither notice nor a payment in lieu of notice will be given.

The Committee's approach when considering payments in the event of termination is to take account of the individual circumstances including the reason for termination, contractual obligations and share and pension plan rules.

All executive Directors are standing for re-election at the 2009 AGM – see page 141.

### Other Directorships

The executive Directors hold directorships in the organisations and receive the fees shown in Table 10.

**Table 9: Contract terms**

	Effective date of contract	Notice period from the Company	Potential compensation for loss of office
<b>Executive Directors</b>			
John Varley	1st September 2004	12 months	12 months base salary, bonus and continuation of medical and pension benefits whilst an employee
Robert E Diamond Jr	1st June 2005	12 months	12 months base salary, bonus and continuation of medical and pension benefits whilst an employee
Chris Lucas	1st April 2007	12 months	12 months base salary, bonus equivalent to the average of the previous three years up to 100% of base salary and continuation of medical and pension benefits whilst an employee
Frits Seegers	7th June 2006	12 months	12 months base salary, bonus and continuation of medical and pension benefits whilst an employee

**Table 10: Other directorships held by the executive Directors and fees retained**

Director	Organisation	2008		2007	
		Fees	Fees retained	Fees	Fees retained
John Varley	British Grolux Investments Limited	£ 7,788	£ 7,788	£ 7,613	£ 7,613
	AstraZeneca plc	£ 83,333	£ 83,333	£ 56,486	£ 56,486
	International Advisory Panel of the Monetary Authority of Singapore	US\$ 0	US\$ 0	US\$10,000	US\$10,000
Robert E Diamond Jr	Old Vic Productions plc	£ 0	£ 0	£ 0	£ 0
Frits Seegers	Absa Group Limited and Absa Bank Limited	£ 26,807	£ 0	£ 33,363	£ 0
Chris Lucas	–	–	–	–	–

## Remuneration Report

### Group Chairman, Deputy Chairman and non-executive Directors

The Group Chairman, Deputy Chairman and non-executive Directors receive fees which reflect the individual responsibilities and membership of Board Committees. Fees are reviewed each year by the Board. Fees were last increased in June 2008.

The first £20,000 of each non-executive Director's base fee and the Deputy Chairman's fee is used to purchase Barclays shares. These shares, together with reinvested dividends, are retained on behalf of the non-executive Directors until they retire from the Board.

Marcus Agius, Group Chairman, has a minimum time commitment to Barclays of the equivalent to 60% of a full-time role and he receives private health insurance in addition to his fees. Marcus Agius is not

eligible to participate in Barclays bonus and share incentive plans nor will he participate in Barclays pension plans or receive any pension contributions. No other non-executive Director receives any benefits from Barclays.

Details of the remuneration received by the non-executive Directors during the year and their beneficial interests in Barclays PLC shares are set out in tables 11 and 12.

### Letters of Appointment

The Group Chairman, Deputy Chairman and non-executive Directors have individual letters of appointment. Each appointment is for an initial six-year term, renewable for a single term of three years thereafter. Sir Nigel Rudd's re-appointment as Deputy Chairman has been approved annually by shareholders.

All non-executive Directors, except Sir Nigel Rudd DL and Professor Dame Sandra Dawson, are standing for re-election at the 2009 AGM – see page 155.

Table 11: Fees

	Chairman £000	Deputy Chairman £000	Board Member £000	Senior Independent Director £000	Audit Committee £000	Board HR and Remuneration Committee £000	Board Corporate Governance and Nominations Committee £000	Board Risk Committee £000	Benefits £000	Total 2008 £000	Total 2007 £000
Full-year fee (at 31st Dec 08)	750	200	70	30	–	–	–	–	–	–	–
Full-year fee – Committee Chair (at 31st Dec 08)	–	–	–	–	60	40	–	40	–	–	–
Full-year fee – Committee Member (at 31st Dec 08)	–	–	–	–	25	15	15	15	–	–	–
<b>Fees to 31st December 2008</b>											
<b>Group Chairman</b>											
Marcus Agius	750	–	–	–	–	M.	Ch.	–	1	751	751
<b>Non-executive Directors</b>											
David Booth	–	–	M.	–	–	–	–	M.	–	83	43
Sir Richard Broadbent	–	–	M.	Snr. Ind.	–	Ch.	M.	Ch.	–	188	180
Leigh Clifford AO	–	–	M.	–	–	M.	–	–	–	115	97
Fulvio Conti	–	–	M.	–	M.	–	–	–	–	90	85
Professor Dame Sandra Dawson	–	–	M.	–	M.	–	–	–	–	90	85
Sir Andrew Likierman	–	–	M.	–	M.	–	–	M.	–	105	100
Sir Michael Rake	–	–	M.	–	M.	–	–	–	–	90	–
Sir Nigel Rudd DL	–	D. Ch.	–	–	–	–	M.	–	–	200	200
Stephen Russell	–	–	M.	–	Ch.	–	M.	M.	–	153	145
Sir John Sunderland	–	–	M.	–	–	M.	M.	–	–	98	95
Patience Wheatcroft	–	–	M.	–	–	–	–	–	–	78	–

Patience Wheatcroft was a member of the Brand and Reputation Committee for which the full year fee is £15,000. Leigh Clifford was also a member of the Asia Pacific Advisory Committee and received fees of US\$60,000 (2007: US\$35,000). These fees are included in those shown above.

Table 12: Shareholdings

	At 1st January 2008 total beneficial interests	At 31st December 2008 total beneficial interests	At 27th February 2009 total beneficial interests
<b>Group Chairman</b>			
Marcus Agius	86,136	113,148	113,148
<b>Non-executive Directors</b>			
David Booth	50,374	64,248	64,248
Sir Richard Broadbent	14,026	24,625	24,625
Leigh Clifford AO	18,872	26,236	26,236
Fulvio Conti	10,067	30,482	30,482
Professor Dame			

Sandra Dawson	12,040	18,859	18,859
Sir Andrew Likierman	8,137	13,297	13,297
Sir Michael Rake	2,700	6,399	6,399
Sir Nigel Rudd DL	84,843	107,569	107,569
Stephen Russell	21,054	30,459	30,459
Sir John Sunderland	31,658	71,463	71,463
Patience Wheatcroft	828	4,144	4,144

**Table 13: Terms of Letters of Appointment**

	Effective date	Notice period from the Company	Potential compensation for loss of office
<b>Group Chairman</b>			
Marcus Agius	1st Jan 2007	12 months	12 months contractual remuneration
<b>Non-executive Directors</b>			
David Booth	1st May 2007	6 months	6 months fees
Sir Richard Broadbent	1st Sep 2003	6 months	6 months fees
Leigh Clifford AO	1st Oct 2004	6 months	6 months fees
Fulvio Conti	1st Apr 2006	6 months	6 months fees
Professor Dame			
Sandra Dawson	1st Mar 2003	6 months	6 months fees
Sir Andrew Likierman	1st Sep 2004	6 months	6 months fees
Sir Michael Rake	1st Jan 2008	6 months	6 months fees
Sir Nigel Rudd DL	1st Feb 1996	6 months	6 months fees
Stephen Russell	25th Oct 2000	6 months	6 months fees
Sir John Sunderland	1st Jun 2005	6 months	6 months fees
Patience Wheatcroft	1st Jan 2008	6 months	6 months fees

**Former Directors**

Gary Hoffman and Dr Danie Cronjé ceased to be Directors during the year.

Mr Hoffman resigned as a Director on 23rd July 2008 and ceased to be an executive Director on 31st August 2008. His employment ceased on 30th September 2008. On cessation of his directorship and employment, Mr Hoffman received no termination payments and it was mutually agreed that his full notice period would be waived without payment in lieu, to allow him to take up his appointment at Northern Rock. Dr Cronjé did not put himself forward for re-election at the 2008 AGM and received no termination payments. Their remuneration received during the year was as follows:

**Table 14: Annual remuneration**

	Received for 2008					Total 2008 £000	Total 2007 £000
	Salary and fees £000	Annual cash bonus £000	Deferred share award (ESAS) £000	Long term incentive (PSP) £000	Benefits £000		
Gary Hoffman	417	298	–	–	9	724	1,146
Dr Danie Cronjé	25	–	–	–	–	25	217

Mr Hoffman received his normal monthly salary benefits and pro-rated annual cash bonus, total of £90,477 for the period between the cessation of his directorship and 30th September 2008.

The former Directors' beneficial shareholdings were as follows:

**Table 15: Shareholdings at date of cessation as Director**

	At 1st January 2008 total beneficial holdings	At date of cessation as Director total beneficial holdings
Gary Hoffman	431,761	542,979
Dr Danie Cronjé	5,146	6,416

Dr Cronjé also held 11,700 preference shares in Absa Bank Limited and 101,577 ordinary shares in Absa Bank Limited at 31st January 2008 and 24th April 2008.

Mr Hoffman participates in the UK closed defined benefit pension scheme providing a pension at the normal retirement age of 60 at an accrual rate of 1/60th of pensionable salary for each year of pensionable service.

**Table 16: Pension provision**

	Age at 31st August 2008	Completed years of service	Accrued pension at 31st December 2007 £000	Pension accrued during 2008 (including increase for inflation) £000	Pension accrued during 2008 (excluding inflation) £000	Accrued pension at 31st August 2008 £000	Transfer value of accrued pension at 31st December 2007 £000	Transfer value of accrued pension at 31st August 2008 £000	Increase in transfer value during the year £000
Gary Hoffman	47	25	273	(1)	(15)	272	2,598	2,824	226

In addition to the value of the accrued pension at 31st August 2008, Mr Hoffman also had defined contribution benefits in respect of Special Company Contributions (bonus sacrifice). The fund value of this arrangement was £626,412 as at 31st August 2008. The scheme also provided, whilst in employment, a death in service dependant's pension of 50% of the pension that would have been payable if employment had continued until normal pension age.

The terms of Mr Hoffman's contract and Dr Cronjé's letter of appointment were:

**Table 17: Terms of contract or letter of appointment**

	Effective date	Notice period from the Company	Potential compensation for loss of office
Gary Hoffman	1st January 2004	12 months	12 months base salary, bonus equivalent to the average of the previous three years up to 100% of base salary, and continuation of medical and pension benefits whilst an employee
Dr Danie Cronjé	1st September 2005	6 months	6 months fees

Mr Hoffman's other Directorships and fees retained were:

**Table 18: Other Directorships held by Gary Hoffman**

Organisation	2008		2007	
	Fees retained £000	Fees retained £000	Fees retained £000	Fees retained £000
Visa (Europe) Limited	£ 0	£ 0	£ 0	£ 0
Trinity Mirror plc	£46,666	£ 46,666	£62,754	£62,754
Barclays Pension Fund Trustees Limited	£12,500	£ 12,500	–	–

Mr Hoffman was retained as a Director of Barclays Pension Fund Trustees Limited following cessation of his employment on 30th September 2008. The fees disclosed represent those paid to him for the remainder of 2008.



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Table 19: Executive Share Award Scheme (ESAS)

Scheme	Number at beginning of year (maximum)	Awarded in year (maximum)	Market price on award date	Number released	Market price on release date	Number lapsed	Adjustment due to open offer	Adjusted number at 31/08/08 (maximum)	Value of release	First release date	Last release date
Gary Hoffman ESAS	177,314	48,215	£ 4.25	(19,273)	£ 4.56	–	5,527	211,783	£ 0.1m	13/03/06	20/03/11

Table 20: Voluntary Executive Share Award Scheme (VESAS)

Scheme	Number at beginning of year (maximum)	Awarded in year (maximum)	Adjusted exercise price	Number vested in year	Number exercised	Market price on exercise/lapse date	Number lapsed	Adjustment due to open offer	Adjusted number at 31/08/08 (maximum)	Vested number of share options	Value of exercise	First exercise date	Last exercise date
Gary Hoffman VESAS	97,088	–	nil	–	–	–	–	2,602	99,690	92,022	–	05/03/07	29/09/09

Table 21: Performance Share Plan (PSP)

Gary Hoffman	Maximum number of shares at beginning of year	Maximum number of shares awarded in the year	Market price on award date	Number released	Market price on release/lapse date	Number lapsed	Adjustment due to open offer	Adjusted maximum number of shares at 31/08/08	Value of release	End of three year performance period	Scheduled release date
2005	227,274	–	£ 5.30	–	–	(227,274)	–	–	–	31/12/07	16/06/08
2006	288,276	–	£ 6.75	–	–	–	7,728	296,004	–	31/12/08	21/03/09
2007	255,798	–	£ 7.08	–	–	–	6,858	262,656	–	31/12/09	22/03/10
2008	–	412,086	£ 4.25	–	–	–	11,046	423,132	–	31/12/10	20/03/11

Table 22: Incentive Share Option Plan (ISOP)

Scheme	Number at beginning of year (maximum)	Awarded in year (maximum)	Adjusted weighted exercise price	Number vested in year	Number exercised	Market price on exercise/lapse date	Number lapsed	Adjustment due to open offer	Adjusted number at 31/08/08 (maximum)	Vested number of share options	Value of exercise	First exercise date	Last exercise date
Gary Hoffman ISOP	540,000	–	£ 4.39	–	–	–	–	14,472	554,472	554,472	–	12/03/04	29/09/09

Table 23: Sharesave

Gary Hoffman	Number at beginning of year (maximum)	Awarded in year (maximum)	Adjusted weighted exercise price	Number vested in year	Number exercised	Market price on exercise date	Adjusted number lapsed	Adjustment due to open offer	Adjusted number at 31/08/08 (maximum)	Vested number of share options	Value of exercise	First exercise date	Last exercise date
Total	6,150	–	£ 4.24	–	–	–	–	163	6,313	–	–	n/a	n/a

### Share and Long Term Incentive Plans

Barclays operates a number of Group-wide plans. Summaries of the principal plans are set out below. Barclays has a number of employee benefit trusts which operate with these plans. In some cases, the trustees grant awards and purchase shares in the market to satisfy awards as required, in others, new issue or treasury shares may be used to satisfy awards where the appropriate shareholder approval has been obtained. The number of shares held by the trustees is set out in Note 32 on page 229. The limits on the issue of new shares comply with the guidelines issued by the Association of British Insurers.

Table 24: Plans under which awards made in 2008

Plan name	Executive Directors Eligible?	Description
<b>Performance Share Plan (PSP)</b>	Yes	<ul style="list-style-type: none"> <li>– PSP is a performance related share plan under which awards of Barclays shares may be made to selected employees (including executive Directors), subject to trustee discretion.</li> <li>– The PSP trustee may select any employee of the Group to participate in the plan.</li> <li>– Awards are granted by the PSP trustee, in consultation with the Remuneration Committee and are communicated as provisional allocations to participants. No right to the shares arises until the PSP trustee releases the shares.</li> <li>– Participants do not pay for a grant or release of an award.</li> <li>– Awards are normally releasable on or after the third anniversary of grant, to the extent that applicable performance conditions are satisfied, subject to trustee discretion.</li> <li>– Any awards released may also include an additional number of shares equivalent to any dividends that would have been paid on the shares between the date of grant and release.</li> <li>– Normally, the maximum expected value of an award made to an employee at the date of grant is the higher of 150% of base salary, or 75% of base salary and target bonus. Maximum awards reflect the relevant market for each executive Director. Awards are communicated on grant as an expected value, this is a single value for the award at grant, which takes into account the sum of the various possible performance and vesting outcomes.</li> <li>– On cessation of employment, eligible leavers (as defined) normally receive an award pro rated for time and performance subject to trustee discretion. For other leavers, awards will normally lapse.</li> <li>– On a change of control awards may vest at the PSP trustee's discretion and may be pro rated for time and performance to the date of change of control.</li> <li>– PSP is not an HMRC approved plan.</li> <li>– The plan was approved for a ten year period by shareholders in April 2005.</li> </ul>
<b>Executive Share Award Scheme (ESAS)</b>	Yes	<ul style="list-style-type: none"> <li>– ESAS is a deferred share award plan operated in conjunction with various Barclays Group bonus plans for selected employees (including executive Directors), subject to trustee discretion.</li> <li>– Awards are granted by the ESAS trustee having first consulted with the Remuneration Committee.</li> <li>– For certain eligible employees a proportion of discretionary annual bonus is delivered in cash and a proportion is as a recommended mandatory provisional allocation of Barclays shares under ESAS. Normally, for executive Directors, a minimum of 25% of bonus is delivered as a recommended mandatory award under ESAS with 75% delivered as cash.</li> <li>– The mandatory provisional allocation will normally include bonus shares equal to 30% of the value of the deferred bonus amount awarded in shares. Bonus shares are awarded to recognise the interest that a participant forgoes on the deferred part of the discretionary bonus.</li> <li>– Under mandatory ESAS awards, nil cost options are typically granted three years from award, subject to the discretion of the ESAS trustee. Participants may then call for the shares plus two thirds of the bonus shares and any associated dividend shares. If the nil cost option is not exercised by the end of the two year period, the ESAS trustee may release all shares, bonus shares and any dividend shares to the participant.</li> <li>– In addition to mandatory ESAS, participants may also request to waive any bonus (or part of a bonus) to which they may become entitled and request that a voluntary ESAS award be made to them in the form of a nil cost option. Voluntary ESAS awards are typically fully exercisable after five years, and include bonus shares equal to 30% of the waived bonus amount. Dividend shares may be awarded, as per mandatory ESAS awards.</li> <li>– On cessation of employment, a participant may forfeit an award depending on the reason for leaving. Special provisions apply on a change of control.</li> <li>– ESAS is also used to make certain awards to facilitate the retention and recruitment of new joiners to the Group who have forfeited share awards on leaving previous employment. Typically bonus shares are not awarded, though dividend shares may be awarded, as per mandatory ESAS awards.</li> <li>– ESAS is not an HMRC approved plan.</li> </ul>
<b>Incentive shares</b>	No	<ul style="list-style-type: none"> <li>– Incentive shares are discretionary share awards that may be made to selected employees (excluding executive Directors), subject to trustee discretion.</li> <li>– Shares are normally released after three years, subject to continued employment and the discretion of the trustee. Dividends received are normally awarded as additional shares and released at the same time.</li> <li>– On cessation of employment eligible leavers (as defined) normally receive an award pro rated for time in employment, subject to the discretion of the trustee; for other leavers, awards will normally lapse.</li> <li>– On a change of control awards may vest, pro rated for time to the date of change of control, subject to the discretion of the trustee.</li> <li>– Incentive shares is not an HMRC approved plan.</li> </ul>

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Share and Long Term Incentive Plans (continued)

Table 24: Plans under which awards made in 2008 (continued)

Plan name	Executive Directors Eligible?	Description
<b>Sharesave</b>	Yes	<ul style="list-style-type: none"> <li>– Sharesave is a share option plan under which all eligible employees in the UK, Ireland and Spain (including executive Directors) are invited to participate. It is HMRC approved in the UK and approved by the Revenue Commissioners in Ireland.</li> <li>– Participants are granted options over Barclays shares which may be at a discount to the market value at the date of award (currently 20%).</li> <li>– At the expiry of a fixed term (three, five or seven years) participants may use savings to acquire the shares by exercising their option within 6 months of the date of vesting. Participants may save up to £250 per month (€500 in Ireland, €135 in Spain) for this purpose.</li> <li>– On cessation of employment eligible leavers (as defined) may exercise their option to acquire shares to the extent of their savings for a period of 6 months.</li> <li>– On a change of control, participants may be able to exercise their options to acquire shares to the extent of their savings for a period of 6 months (or a shorter period in certain circumstances).</li> <li>– The plan was approved for a ten year period by shareholders in April 2000.</li> </ul>
<b>Sharepurchase</b>	Yes	<ul style="list-style-type: none"> <li>– Sharepurchase is an HMRC approved share incentive plan under which all employees in the UK (including executive Directors) are invited to participate.</li> <li>– Participants may purchase up to £1,500 shares each tax year. To encourage employee share ownership, Barclays matches the first £600 of shares purchased by participants on a one-for-one basis. Dividends are also earned in the form of additional shares.</li> <li>– Purchased shares may be withdrawn from the plan any time. Matching and dividend shares must be held in trust for three years before release, but may be kept in trust for five years.</li> <li>– On cessation of employment participants must withdraw all shares and depending on the reason for and timing of cessation, the matching shares may be forfeited.</li> <li>– On a change of control, participants are able to instruct the Sharepurchase trustee how to act or vote on their behalf.</li> <li>– The plan was approved for a ten year period by shareholders in April 2000.</li> </ul>

Table 25: New Plans under which awards are to be made 2009

Plan name	Executive Directors Eligible?	Description
<b>BGI Equity Participation Plan</b>	No	<ul style="list-style-type: none"> <li>– The BGI Equity Participation Plan is a share plan under which awards linked to the value of BGI shares may be made to selected BGI employees (excluding executive Directors) in the form of either stock appreciation rights settled in shares or restricted share awards.</li> <li>– Awards normally vest in three equal tranches following the first, second and third anniversary of grant provided there has been no significant deterioration in the performance of Barclays, with delivery in Barclays shares.</li> <li>– On cessation of employment awards normally vest for eligible leavers (as defined) provided there has been no significant deterioration in the performance of Barclays; for other leavers, awards will normally lapse.</li> <li>– On a change of control awards may vest provided there has been no significant deterioration in the performance of Barclays.</li> </ul>
<b>Long Term Cash Plan (LTCP)</b>	No	<ul style="list-style-type: none"> <li>– LTCP is a new forward looking plan introduced initially for 2009, under which conditional awards of cash are made to eligible employees, (excluding executive Directors).</li> <li>– Awards are released in portions over a period of time (two years for 2009 awards), subject to continued employment. At the time of the final release, for 2009 awards, a service credit (10% of the initial value of the award) is added.</li> <li>– Participants must normally be in employment at the time of release in order to receive each portion of the payment.</li> <li>– Participants who leave employment before the release date of any portion of the award will normally forfeit any outstanding amounts. For categories of eligible leavers an award will vest, pro rated for time in service.</li> <li>– On a change of control awards may vest at the discretion of the Committee.</li> </ul>

## Share and Long Term Incentive Plans (continued)

Table 26: Plans under which awards not made in 2008

Plan name	Executive Directors Eligible?	Description												
<b>ISOP (Incentive Share Option Plan)</b>	Yes	<ul style="list-style-type: none"> <li>The Incentive Share Option Plan is a share option plan under which share options were granted to selected employees (including executive Directors). No options have been granted since 2004.</li> <li>ISOP contains HMRC approved and unapproved parts.</li> <li>Options were awarded at the market price at the date of grant calculated in accordance with the rules of the plan.</li> <li>Options granted had an EP threshold and a TSR performance condition associated with them. Options were normally exercisable between three and ten years of the grant date.</li> <li>All options granted which met these performance criteria have now vested and are exercisable.</li> <li>On cessation of employment eligible leavers (as defined) normally are able to exercise their options; for other leavers, options normally lapse.</li> <li>On a change of control options would remain exercisable for a specified period.</li> <li>The plan was approved for a ten year period by shareholders in April 2000.</li> </ul>												
<b>ESOS (Executive Share Option Scheme)</b>	n/a	<ul style="list-style-type: none"> <li>The Executive Share Option Scheme is a share option plan under which share options were granted to selected employees (including executive Directors). No options have been granted since 2000.</li> <li>Options were awarded at the market price at the date of grant calculated in accordance with the rules of the plan.</li> <li>Options were normally exercisable between three and ten years of the grant date. All options are now vested.</li> <li>On cessation of employment eligible leavers (as defined) normally are able to exercise their option pro-rated for performance; for other leavers, options normally lapse.</li> <li>On a change of control options remain exercisable for a specified period.</li> <li>The plan was adopted for a ten year period by shareholders in 1990.</li> </ul>												
<b>BGI EOP (BGI Equity Ownership Plan)</b>	No	<ul style="list-style-type: none"> <li>BGI is Barclays asset management business headquartered in San Francisco. The BGI Equity Ownership Plan (BGI EOP) was approved by shareholders at Barclays 2000 AGM to provide the employee share incentive arrangements required to recruit and retain the quality of senior management and investment talent appropriate for building a global investment management business.</li> <li>The BGI EOP was designed to provide participants with a long-term equity interest in BGI to meet the expectations of, in particular, BGI's key investment talent in the United States, who could expect to participate in the equity of their employer. Under the terms of the BGI EOP, options were granted at fair value to key BGI employees over shares in Barclays Global Investors UK Holdings Limited (BGI Holdings) within an overall cap of 20% of the issued ordinary share capital of BGI Holdings.</li> <li>No options were granted under the BGI EOP in 2008 and no further options will be granted. The plan will not be renewed in 2010 when it comes to the end of its life.</li> <li>All grants of options were approved by the Committee. The Committee is also advised of option exercises and share sales by employees. Employees who were executive Directors of Barclays PLC at the date of grant were not eligible to receive options under the BGI EOP.</li> <li>In summary the BGI EOP operated as follows: <ul style="list-style-type: none"> <li>certain key BGI employees were granted options over shares in BGI Holdings;</li> <li>the option exercise price was based on the fair value of a BGI Holdings share at the date of grant determined by an independent appraiser;</li> <li>the options generally vest evenly over a three-year period and can be exercised during the exercise windows which generally occur twice annually;</li> <li>option holders are required to fund the exercise without any financial support from any member of the Barclays Group.</li> <li>Once employees become shareholders, they are subject to the Articles of BGI Holdings under which: <ul style="list-style-type: none"> <li>shareholders are required to hold the shares for a minimum of 355 days. As shareholders, employees derive the full risks and rewards of ownership, including voting rights and entitlement to any ordinary dividends paid by BGI Holdings;</li> <li>on expiry of the minimum holding period, shareholders may, but are not obliged to, offer their shares for sale to Barclays Bank PLC during the sales windows which generally occur twice annually;</li> <li>Barclays Bank PLC, at its discretion, has a right to purchase shares so offered, but is not obliged to do so.</li> </ul> </li> </ul> </li> <li>The table below contains information on the number of shares in BGI Holdings over which options were granted, outstanding and exercised in 2007 and 2008: <table border="1"> <thead> <tr> <th>Year</th> <th>Number granted during year (000s)</th> <th>Number outstanding at year end (000s)</th> <th>Number exercised (000s)</th> </tr> </thead> <tbody> <tr> <td>2007</td> <td>2,599</td> <td>7,502</td> <td>1,632</td> </tr> <tr> <td>2008</td> <td>–</td> <td>6,584</td> <td>550</td> </tr> </tbody> </table> </li> </ul>	Year	Number granted during year (000s)	Number outstanding at year end (000s)	Number exercised (000s)	2007	2,599	7,502	1,632	2008	–	6,584	550
Year	Number granted during year (000s)	Number outstanding at year end (000s)	Number exercised (000s)											
2007	2,599	7,502	1,632											
2008	–	6,584	550											
		<ul style="list-style-type: none"> <li>In 2008 BGI employees exercised options over 0.5m (2007: 1.6m) shares for consideration of £19m (2007: £57m); Barclays Bank PLC purchased 1.8m (2007: 4.9m) shares offered for sale by shareholders for consideration of £157m (2007: £488m). As at 31st December 2008, employees owned 4.5% of BGI Holdings (2007: 5.9%).</li> </ul>												

# Remuneration Report

## Share and Long Term Incentive Plans (continued)

Table 26: Plans under which awards not made in 2008 (continued)

Plan name	Executive Directors Eligible?	Description
		<p><b>BGI EOP – Accounting and disclosure</b></p> <ul style="list-style-type: none"> <li>– The BGI EOP is accounted for as an equity settled share-based payment in accordance with IFRS 2 'Share-based Payment'. The fair value of the services received from the employees is measured by reference to the fair value of the share options granted on the date of the grant. The cost of the employee services received in respect of the share options granted is recognised in the income statement over the period that the services are received.</li> <li>– The cost for 2008 of £30.9m (2007: £54.8m, 2006: £37.4m) is included in staff costs in Note 8 to the accounts. In accordance with IFRS 2, details of share options granted and exercised, together with weighted average fair values at grant date and weighted average exercise prices are set out in Note 45 to the accounts. In accordance with IAS 33 'Earnings per Share', unexercised options are taken into account in the calculation of diluted earnings per share as set out in Note 11 to the accounts.</li> <li>– For Group reporting, the exercise of options by employees is treated as a deemed disposal of interests in a subsidiary, as its holding in the subsidiary has been reduced for the consideration represented by the exercise price. Any subsequent purchase of shares offered for sale by employees is treated as a purchase of an additional investment in a subsidiary entity. The cash flows relating to these capital transactions are included in the consolidated cash flow statement and disclosed, along with other disposals and acquisitions, in Note 38 to the accounts and related movements in goodwill and minority interests are included in Notes 21 and 33 to the accounts respectively.</li> </ul>

## Corporate governance

## Accountability and audit

### Going concern

The Group's business activities and financial position; the factors likely to affect its future development and performance; and its objectives and policies in managing the financial risks to which it is exposed and its capital are discussed in the Business Review.

The Directors have assessed, in the light of current and anticipated economic conditions, the Group's ability to continue as a going concern.

The Directors confirm they are satisfied that the Company and the Group have adequate resources to continue in business for the foreseeable future. For this reason, they continue to adopt the 'going concern' basis for preparing accounts.

### Internal control

The Directors have responsibility for ensuring that management maintain an effective system of internal control and for reviewing its effectiveness. Such a system is designed to manage rather than eliminate the risk of failure to achieve business objectives and can only provide reasonable and not absolute assurance against material misstatement or loss. Throughout the year ended 31st December 2008, and to date, the Group has operated a system of internal control which provides reasonable assurance of effective and efficient operations covering all controls, including financial and operational controls and compliance with laws and regulations. Processes are in place for identifying, evaluating and managing the significant risks facing the Group in accordance with the guidance 'Internal Control: Revised Guidance for Directors on the Combined Code' published by the Financial Reporting Council. The Board regularly reviews these processes through its principal Board Committees.

The Directors review the effectiveness of the system of internal control semi-annually. An internal control compliance certification process is conducted throughout the Group in support of this review. The effectiveness of controls is periodically reviewed within the business areas. Regular reports are made to the Board Audit Committee by management, Internal Audit and the compliance and legal functions covering particularly financial controls, compliance and operational controls. The Board Audit Committee monitors resolution of any identified control issues of Group level significance through to a satisfactory conclusion.

The Group Internal Control and Assurance Framework (GICAF) describes the Group's approach to internal control and details Group policies and processes. The GICAF is reviewed and approved on behalf of the Group Chief Executive by the Group Governance and Control Committee.

Quarterly risk reports are made to the Board covering risks of Group significance including credit risk, market risk and operational risk. Reports covering risk measurement standards and risk appetite are made to the Board Risk Committee. Further details of risk management procedures are given in the Risk management section on pages 57 to 136.

### Management's Reports on Internal Control Over Financial Reporting

The management of Barclays PLC and Barclays Bank PLC (collectively "Management") are responsible for establishing and maintaining adequate internal control over financial reporting. Internal control over financial reporting is a process designed under the supervision of the principal executive and principal financial officers of Barclays PLC and Barclays Bank PLC to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external reporting purposes in accordance with International Financial Reporting Standards (IFRS) as adopted by the European Union and the International Accounting Standards Board (IASB).

Internal control over financial reporting includes policies and procedures that pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect transactions and dispositions of assets; provide reasonable assurances that transactions are recorded as necessary to permit preparation of financial statements in accordance with IFRS and that receipts and expenditures are being made only in accordance with authorisations of management and the respective Directors of Barclays PLC and Barclays Bank PLC; and provide reasonable assurance regarding prevention or timely detection of unauthorised acquisition, use or

Internal control systems, no matter how well designed, have inherent limitations and may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that internal controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Management has assessed the effectiveness of Barclays PLC's and Barclays Bank PLC's internal control over financial reporting as of 31 December 2008. In making its assessment, Management has utilised the criteria set forth by the Committee of Sponsoring Organisations of the Treadway Commission in Internal Control – Integrated Framework. Management concluded that, based on its assessment, the internal control over financial reporting of each of Barclays PLC and Barclays Bank PLC was effective as of 31 December 2008.

Management's assessment of and conclusion on the effectiveness of internal control over financial reporting did not include internal controls relating to certain of the Lehman Brothers North American investment banking and capital markets businesses acquired from Lehman Brothers Holdings Inc. in September 2008. These businesses have been included in consolidated financial statements of both Barclays PLC and Barclays Bank PLC for the year ended 31 December 2008. The businesses which have not been included in management's assessment represented approximately 1.1% of the Group income and 0.2% of the total Group assets for the year ended and as at 31 December 2008.

Our independent registered public accounting firm has issued a report on Barclays PLC's internal control over financial reporting which is set out on page 177.

This annual report does not include a report of our registered public accounting firm on Barclays Bank PLC's internal control over financial reporting. Barclays Bank PLC's internal control over financial reporting is not subject to assessment by our registered public accounting firm pursuant to temporary rules of the Securities and Exchange Commission that permit Barclays Bank PLC to provide only the management's report in this annual report.

The system of internal financial and operational controls is also subject to regulatory oversight in the United Kingdom and overseas. Further information on supervision by the financial services regulators is provided under Supervision and Regulation in the Risk Management section on pages 135-136. The Group Chief Executive and Group Finance Director also concluded that no significant changes were made to our internal controls or in other factors that could significantly affect these controls subsequent to their evaluation.

### Statement of Directors' responsibilities for accounts

The following statement, which should be read in conjunction with the Auditors' report set out on page 177, is made with a view to distinguishing for shareholders the respective responsibilities of the Directors and of the auditors in relation to the accounts.

The Directors are required by the Companies Act 1985 to prepare accounts for each financial year and, with regards to Group accounts, in accordance with Article 4 of the IAS Regulation. The Directors have prepared individual accounts in accordance with IFRSs as adopted by the European Union. The accounts are required by law and IFRSs to present fairly the financial position of the Company and the Group and the performance for that period. The Companies Act 1985 provides, in relation to such accounts, that references to accounts giving a true and fair view are references to fair presentation.

The Directors consider that, in preparing the accounts on pages 179 to 284, and the additional information contained on pages 315 to 323, the Group has used appropriate accounting policies, supported by reasonable judgements and estimates, and that all accounting standards which they consider to be applicable have been followed.

The Directors have responsibility for ensuring that the Company and the Group keep accounting records which disclose with reasonable accuracy the financial position of the Company and the Group and which enable them to ensure that the accounts comply with the Companies Act 1985.

The Directors have general responsibility for taking such steps as are reasonably open to them to safeguard the assets of the Group and to prevent and detect fraud and other irregularities.

disposition of the assets that could have a material effect on the financial statements of Barclays PLC or Barclays Bank PLC, as the case may be.



## Accountability and audit

### Disclosure controls and procedures Sec 20F Item 15(a)

The Group Chief Executive, John Varley, and the Group Finance Director, Chris Lucas, conducted with Group Management an evaluation of the effectiveness of the design and operation of the Group's disclosure controls and procedures as at 31st December 2008, which are defined as those controls and procedures designed to ensure that information required to be disclosed in reports filed or submitted under the US Securities Exchange Act of 1934 is recorded, processed, summarised and reported within the time periods specified in the US Securities and Exchange Commission's rules and forms. As of the date of the evaluation, the Group Chief Executive and Group Finance Director concluded that the design and operation of these disclosure controls and procedures were effective.

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The Directors confirm to the best of their knowledge that:

- (a) The financial statements, prepared in accordance with the applicable set of accounting standards, give a true and fair view of the assets, liabilities, financial position and profit or loss of Barclays PLC and the undertakings included in the consolidation taken as a whole; and
- (b) The management report includes a fair review of the development and performance of the business and the position of Barclays PLC and the undertakings included in the consolidation taken as a whole, together with a description of the principal risks and uncertainties that they face.

Signed on behalf of the Board



**Marcus Agius**  
Group Chairman  
5th March 2009



# Financial statements

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## Presentation of information

Barclays PLC is a public limited company registered in England under company number 48839. The Company, originally named Barclay & Company Limited, was incorporated in England and Wales on 20th July 1896 under the Companies Acts 1862 to 1890 as a company limited by shares. The company name was changed to Barclays Bank Limited on 17th February 1917 and it was reregistered in 1982 as a public limited company under the Companies Acts 1948 to 1980. On 1st January 1985, the company changed its name to Barclays PLC.

Barclays Bank PLC is a public limited company registered in England under company number 1026167. The Bank was incorporated on 7th August 1925 under the Colonial Bank Act 1925 and on 4th October 1971 was registered as a company limited by shares under the Companies Acts 1948 to 1967. Pursuant to The Barclays Bank Act 1984, on 1st January 1985 the Bank was reregistered as a public limited company and its name was changed from Barclays Bank International Limited to Barclays Bank PLC.

All of the issued ordinary share capital of Barclays Bank PLC is owned by Barclays PLC. The Annual Report for Barclays PLC also contains the consolidated accounts of, and other information relating to, Barclays Bank PLC. The Annual Report includes information required to be included in the Barclays PLC and Barclays Bank PLC Annual Report on Form 20-F for 2008. Form 20-F will contain as exhibits certificates pursuant to Sections 302 and 906 of the Sarbanes-Oxley Act of 2002, signed by the Group Chief Executive and Group Finance Director, with respect to both Barclays PLC and Barclays Bank PLC. Except where otherwise indicated, the information given is identical with respect to both Barclays PLC and Barclays Bank PLC.

The term 'Companies Act 1985' means the company law provisions of the Companies Act 1985 (as amended) that remain in force. The term 'Companies Act 2006' means the operative company law provisions of the Companies Act 2006.

The accounts of Barclays Bank PLC included in this document do not comprise statutory accounts within the meaning of Section 240 of the Companies Act 1985. The statutory accounts of Barclays Bank PLC, which contain an unqualified audit report and do not contain any statement under Section 237(2) or (3) of that Act, will be delivered to the Registrar of Companies in accordance with Section 242 of that Act and are published as a separate document.

The term 'Barclays PLC Group' means Barclays PLC together with its subsidiaries and the term 'Barclays Bank PLC Group' means Barclays Bank PLC together with its subsidiaries. 'Barclays' and 'Group' are terms which are used to refer to either of the preceding groups when the subject matter is identical. The term 'Company' or 'parent Company' refers to Barclays PLC and the term 'Bank' refers to Barclays Bank PLC. The term 'Absa Group Limited' is used to refer to Absa Group Limited and its subsidiaries and the term 'Absa' is used to refer to the component of the Global Retail and Commercial Banking segment represented by this business. In this report, the abbreviations '£m' and '£bn' represent millions and thousands of millions of pounds sterling respectively; the abbreviations 'US\$m' and 'US\$bn' represent millions and thousands of millions of US Dollars respectively and '€m' and '€bn' represent millions and thousands of millions of euros respectively.

### Statutory Accounts

The consolidated accounts of Barclays PLC and its subsidiaries are set out on pages 179 to 284 along with the accounts of Barclays PLC itself on page 208. The consolidated accounts of Barclays Bank PLC and its subsidiaries are set out on pages 285 to 298. The accounting policies on pages 179 to 187 and the Notes commencing on page 196 apply equally to both sets of accounts unless otherwise stated.

### Adoption of IFRS and 2004 comparatives

The Group adopted the requirements of International Financial Reporting Standards and International Accounting Standards (collectively IFRSs) as adopted by the European Union in 2005. As permitted by IFRS 1, the accounting standards relating to financial instruments and insurance contracts have not been applied to 2004. Therefore, the 2004 comparatives are significantly different from the numbers reported in later years. n/a has been included in tables where, as a result of the application of IAS 32, IAS 39 and IFRS 4 in later years and UK GAAP in 2004, the disclosure is not applicable.

## Independent Registered Public Accounting Firm's report

### Report of Independent Registered Public Accounting Firm to the Board of Directors and Shareholders of Barclays PLC

In our opinion, the accompanying Consolidated income statements and the related Consolidated balance sheets, Consolidated statements of recognised income and expense and, Consolidated statements of cash flows present fairly, in all material respects, the financial position of Barclays PLC (the 'Company') and its subsidiaries at 31st December 2008 and 31st December 2007 and the results of their operations and cash flows for each of the three years in the period ended 31st December 2008, in conformity with International Financial Reporting Standards (IFRSs) as issued by the International Accounting Standards Board. Also, in our opinion the Company maintained, in all material respects, effective internal control over financial reporting as of 31st December 2008, based on criteria established in Internal Control – Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission ('COSO'). The Company's management are responsible for these financial statements, for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in 'Management's report on internal control over financial reporting' as it pertains to Barclays PLC in the section headed 'Accountability and audit'. Our responsibility is to express opinions on these financial statements and on the Company's internal control over financial reporting based on our integrated audits. We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the financial statements included 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. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorisations of management and directors of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorised acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

As described in 'Management's report on internal control over financial reporting', management has excluded certain of the Lehman Brothers North American investment banking and capital markets businesses acquired from Lehman Brothers Holdings Inc from its assessment of internal control over financial reporting as of 31st December 2008 as they were acquired in a purchase business combination in September 2008. We have also excluded certain of the Lehman Brothers North American investment banking and capital markets businesses, acquired from Lehman Brothers Holdings Inc from our audit of internal control over financial reporting. These businesses represented approximately 1.1% of group income and 0.2% of the total Group assets for the year ended 31st December 2008.

 PRICEWATERHOUSECOOPERS

PricewaterhouseCoopers LLP  
Chartered Accountants and Registered Auditors  
London, United Kingdom  
5th March 2009

# Report of Independent Registered Public Accounting Firm

## To the Board of Directors and Shareholders of Barclays Bank PLC:

In our opinion, the accompanying Consolidated income statements and the related Consolidated balance sheets, Consolidated statements of recognised income and expense and Consolidated statements of cash flows present fairly, in all material respects, the financial position of Barclays Bank PLC and its subsidiaries at 31st December 2008 and 31st December 2007, and the results of their operations and cash flows for each of the three years in the period ended 31st December 2008 in conformity with International Financial Reporting Standards as issued by the International Accounting Standards Board. 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 financial 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.



PricewaterhouseCoopers LLP  
London  
United Kingdom  
5th March 2009

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Barclays  
Annual Report 2008

## Consolidated accounts Barclays PLC

## Accounting policies

## Significant accounting policies

## 1. Reporting entity

These financial statements are prepared for the Barclays PLC Group ('Barclays' or 'the Group') under Section 227(2) of the Companies Act 1985. The Group is a major global financial services provider engaged in retail and commercial banking, credit cards, investment banking, wealth management and investment management services. In addition, individual financial statements have been prepared for the holding company, Barclays PLC ('the Company'), under Section 226(2)(b) of the Companies Act 1985.

Barclays PLC is a public limited company, incorporated in Great Britain and having a registered office in England.

## 2. Compliance with International Financial Reporting Standards

The consolidated financial statements of the Barclays PLC Group, and the individual financial statements of Barclays PLC, have been prepared in accordance with International Financial Reporting Standards (IFRSs) and interpretations issued by the International Financial Reporting Interpretations Committee (IFRIC), as published by the International Accounting Standards Board (IASB). They are also in accordance with IFRSs and IFRIC interpretations as adopted by the European Union.

The principal accounting policies applied in the preparation of the consolidated and individual financial statements are set out below. These policies have been consistently applied.

## 3. Basis of preparation

The consolidated and individual financial statements have been prepared under the historical cost convention modified to include the fair valuation of certain financial instruments and contracts to buy or sell non-financial items and trading inventories to the extent required or permitted under accounting standards and as set out in the relevant accounting policies. They are stated in millions of pounds Sterling (£m), the currency of the country in which Barclays PLC is incorporated.

## Critical accounting estimates

The preparation of financial statements in accordance with IFRSs requires the use of certain critical accounting estimates. It also requires management to exercise judgement in the process of applying the accounting policies. The notes to the financial statements set out areas involving a higher degree of judgement or complexity, or areas where assumptions are significant to the consolidated and individual financial statements such as fair value of financial instruments (Note 50), allowance for impairment (Note 47), goodwill (Note 21), intangible assets (Note 22), and retirement benefit obligations (Note 30).

## 4. Consolidation

## Subsidiaries

The consolidated financial statements combine the financial statements of Barclays PLC and all its subsidiaries, including certain special purpose entities (SPEs) where appropriate, made up to 31st December. Entities qualify as subsidiaries where the Group has the power to govern the financial and operating policies of the entity so as to obtain benefits from its activities, generally accompanying a shareholding of more than one half of the voting rights. The existence and effect of potential voting rights that are currently exercisable or convertible are considered in assessing whether the Group controls another entity. Details of the principal subsidiaries are given in Note 41.

SPEs are consolidated when the substance of the relationship between the Group and that entity indicates control. Potential indicators of control include, amongst others, an assessment of the Group's exposure to the risks and benefits of the SPE.

This assessment of risks and benefits is based on arrangements in place and the assessed risk exposures at inception. The initial assessment is reconsidered at a later date if:

Subsidiaries are consolidated from the date on which control is transferred to the Group and cease to be consolidated from the date that control ceases.

The acquisition method of accounting is used to account for the purchase of subsidiaries. The cost of an acquisition is measured at the fair value of the assets given, equity instruments issued and liabilities incurred or assumed, plus any costs directly related to the acquisition.

The excess of the cost of an acquisition over the Group's share of the fair value of the identifiable net assets acquired is recorded as goodwill. See accounting policy 14 for the accounting policy for goodwill. A gain on acquisition is recognised in profit or loss if there is an excess of the Group's share of the fair value of the identifiable net assets acquired over the cost of the acquisition. Intra-group transactions and balances are eliminated on consolidation and consistent accounting policies are used throughout the Group for the purposes of the consolidation.

As the consolidated financial statements include partnerships where a Group member is a partner, advantage has been taken of the exemption of Regulation 7 of the Partnerships and Unlimited Companies (Accounts) Regulations 1993 with regard to the preparation and filing of individual partnership financial statements.

In the individual financial statements, investments in subsidiaries are stated at cost less impairment, if any.

## Associates and joint ventures

An associate is an entity in which the Group has significant influence, but not control, over the operating and financial management policy decisions. This is generally demonstrated by the Group holding in excess of 20%, but no more than 50%, of the voting rights.

A joint venture exists where the Group has a contractual arrangement with one or more parties to undertake activities typically, though not necessarily, through entities which are subject to joint control.

Unless designated as at fair value through profit and loss as set out in policy 7, the Group's investments in associates and joint ventures are initially recorded at cost and increased (or decreased) each year by the Group's share of the post-acquisition profit (or loss), or other movements reflected directly in the equity of the associated or jointly controlled entity. Goodwill arising on the acquisition of an associate or joint venture is included in the carrying amount of the investment (net of any accumulated impairment loss). When the Group's share of losses or other reductions in equity in an associate or joint venture equals or exceeds the recorded interest, including any other unsecured receivables, the Group does not recognise further losses, unless it has incurred obligations or made payments on behalf of the entity.

The Group's share of the results of associates and joint ventures is based on financial statements made up to a date not earlier than three months before the balance sheet date, adjusted to conform with the accounting policies of the Group. Unrealised gains on transactions are eliminated to the extent of the Group's interest in the investee. Unrealised losses are also eliminated unless the transaction provides evidence of impairment in the asset transferred.

In the individual financial statements, investments in associates and joint ventures are stated at cost less impairment, if any.

## 5. Foreign currency translation

Items included in the financial statements of each of the Group's entities are measured using their functional currency, being the currency of the primary economic environment in which the entity operates.

Foreign currency transactions are translated into the appropriate functional currency using the exchange rates prevailing at the dates of the transactions. Monetary items denominated in foreign currencies are retranslated at the rate prevailing at the period end. Foreign exchange gains and losses resulting from the retranslation and settlement of these items are recognised in the income statement except for qualifying cash flow hedges or hedges of net investments. See policy 12 for the policies on

- a) the Group acquires additional interests in the entity;
- b) the contractual arrangements of the entity are amended such that the relative exposure to risks and benefits change; or
- c) if the Group acquires control over the main operating and financial decisions of the entity.

hedge accounting.

Non-monetary assets that are measured at fair value are translated using the exchange rate at the date that the fair value was determined. Exchange differences on equities and similar non-monetary items held at fair value through profit or loss, are reported as part of the fair value gain or loss. Translation differences on equities classified as available for sale financial assets and non-monetary items are included directly in equity.

## Accounting policies

For the purposes of translation into the presentational currency, assets, liabilities and equity of foreign operations are translated at the closing rate, and items of income and expense are translated into Sterling at the rates prevailing on the dates of the transactions, or average rates of exchange where these approximate to actual rates.

The exchange differences arising on the translation of a foreign operation are included in cumulative translation reserves within shareholders' equity and included in the profit or loss on disposal or partial disposal of the operation.

Goodwill and fair value adjustments arising on the acquisition of foreign subsidiaries are maintained in the functional currency of the foreign operation, translated at the closing rate and are included in hedges of net investments where appropriate.

On transition to IFRS, the Group brought forward a nil opening balance on the cumulative foreign currency translation adjustment arising from the retranslation of foreign operations, which is shown as a separate item in shareholders' equity.

### 6. Interest, fees and commissions

#### Interest

Interest is recognised in interest income and interest expense in the income statement for all interest bearing financial instruments classified as held to maturity, available for sale or other loans and receivables using the effective interest method.

The effective interest method is a method of calculating the amortised cost of a financial asset or liability (or group of assets and liabilities) and of allocating the interest income or interest expense over the relevant period. The effective interest rate is the rate that exactly discounts the expected future cash payments or receipts through the expected life of the financial instrument, or when appropriate, a shorter period, to the net carrying amount of the instrument. The application of the method has the effect of recognising income (and expense) receivable (or payable) on the instrument evenly in proportion to the amount outstanding over the period to maturity or repayment.

In calculating effective interest, the Group estimates cash flows (using projections based on its experience of customers' behaviour) considering all contractual terms of the financial instrument but excluding future credit losses. Fees, including those for early redemption, are included in the calculation to the extent that they can be measured and are considered to be an integral part of the effective interest rate. Cash flows arising from the direct and incremental costs of issuing financial instruments are also taken into account in the calculation. Where it is not possible to otherwise estimate reliably the cash flows or the expected life of a financial instrument, effective interest is calculated by reference to the payments or receipts specified in the contract, and the full contractual term.

#### Fees and commissions

Unless included in the effective interest calculation, fees and commissions are recognised on an accruals basis as the service is provided. Fees and commissions not integral to effective interest arising from negotiating, or participating in the negotiation of a transaction from a third party, such as the acquisition of loans, shares or other securities or the purchase or sale of businesses, are recognised on completion of the underlying transaction. Portfolio and other management advisory and service fees are recognised based on the applicable service contracts. Asset management fees related to investment funds are recognised over the period the service is provided. The same principle is applied to the recognition of income from wealth management, financial planning and custody services that are continuously provided over an extended period of time.

Commitment fees, together with related direct costs, for loan facilities where draw down is probable are deferred and recognised as an adjustment to the effective interest on the loan once drawn. Commitment fees in relation to facilities where draw down is not probable are recognised over the term of the commitment.

#### Insurance premiums

Insurance premiums are recognised in the period earned.

#### Net trading income

Income arises from the margins which are achieved through market-making and customer business and from changes in fair value caused by movements in interest and exchange rates, equity prices and other market variables. Trading positions are held at fair value and the resulting gains and losses are included in the income statement, together with interest and dividends arising from long and short positions and funding costs relating to trading activities.

#### Dividends from subsidiaries

In the individual financial statements of Barclays PLC, dividends from subsidiaries are recognised when the right to receive payment is established, which is when the dividends are received or when the dividends are appropriately authorised by the subsidiary.

### 7. Financial assets and liabilities

#### Financial assets

The Group classifies its financial assets in the following categories: financial instruments at fair value through profit or loss; loans and receivables; held to maturity investments and available for sale financial assets. Management determines the classification of financial assets and liabilities at initial recognition.

#### Financial instruments at fair value through profit or loss

Financial instruments are classified in this category if they are held for trading, or if they are designated by management under the fair value option. Instruments are classified as held for trading if they are:

- acquired principally for the purposes of selling or repurchasing in the near term;
- part of a portfolio of identified financial instruments that are managed together and for which there is evidence of a recent actual pattern of short-term profit-taking; or
- a derivative, except for a derivative that is a financial guarantee contract or a designated and effective hedging instrument.

It is not possible to transfer a financial instrument out of this category whilst it is held or issued with the exception of non-derivative financial assets held for trading which may be transferred out of this category from 1st July 2008 after initial classification where:

- in rare circumstances, it is no longer held for the purpose of selling or repurchasing in the near term, or
- it is no longer held for the purpose of trading, it would have met the definition of a loan and receivable on initial classification and the Group has the intention and ability to hold it for the foreseeable future or until maturity.

Financial instruments included in this category are recognised initially at fair value and transaction costs are taken directly to the income statement. Gains and losses arising from changes in fair value are included directly in the income statement. The instruments are derecognised when the rights to receive cash flows have expired or the Group has transferred substantially all the risks and rewards of ownership and the transfer qualifies for derecognition.

Regular way purchases and sales of financial instruments held for trading or designated under the fair value option are recognised on trade date, being the date on which the Group commits to purchase or sell the asset. The fair value option is used in the following circumstances:

- financial assets backing insurance contracts and financial assets backing investment contracts are designated at fair value through profit or loss because the related liabilities have cash flows that are contractually based on the performance of the assets or the related liabilities are insurance contracts whose measurement incorporates current information. Fair valuing the assets through profit and loss significantly reduces the recognition inconsistencies that would arise if the financial assets were classified as available for sale;





- b) financial assets, loans to customers, financial liabilities, financial guarantees and structured notes may be designated at fair value through profit or loss if they contain substantive embedded derivatives;
- c) financial assets, loans to customers, financial liabilities, financial guarantees and structured notes may be designated at fair value through profit or loss where doing so significantly reduces measurement inconsistencies that would arise if the related derivatives were treated as held for trading and the underlying financial instruments were carried at amortised cost; and
- d) certain private equity and other investments that are managed, and evaluated on a fair value basis in accordance with a documented risk management or investment strategy and reported to key management personnel on that basis.

#### Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market and which are not classified as available for sale. Loans and receivables are initially recognised at fair value including direct and incremental transaction costs. They are subsequently valued at amortised cost, using the effective interest method (see accounting policy 6). They are derecognised when the rights to receive cash flows have expired or the Group has transferred substantially all the risks and rewards of ownership.

Regular way purchases and sales of loans and receivables are recognised on contractual settlement.

#### Held to maturity

Held to maturity investments are non-derivative financial assets with fixed or determinable payments that the Group's management has the intention and ability to hold to maturity. They are initially recognised at fair value including direct and incremental transaction costs. They are subsequently valued at amortised cost, using the effective interest method (see accounting policy 6). They are derecognised when the rights to receive cash flows have expired.

Regular way purchases of held to maturity financial assets are recognised on trade date, being the date on which the Group commits to purchase the asset.

#### Available for sale

Available for sale assets are non-derivative financial assets that are designated as available for sale and are not categorised into any of the other categories described above. They are initially recognised at fair value including direct and incremental transaction costs. They are subsequently held at fair value. Gains and losses arising from changes in fair value are included as a separate component of equity until sale when the cumulative gain or loss is transferred to the income statement. Interest determined using the effective interest method (see accounting policy 6), impairment losses and translation differences on monetary items are recognised in the income statement. The assets are derecognised when the rights to receive cash flows have expired or the Group has transferred substantially all the risks and rewards of ownership.

Regular way purchases and sales of available for sale financial instruments are recognised on trade date, being the date on which the Group commits to purchase or sell the asset.

A financial asset classified as available for sale that would have met the definition of loans and receivables may only be transferred from the available for sale classification where the Group has the intention and the ability to hold the asset for the foreseeable future or until maturity.

#### Embedded derivatives

Some hybrid contracts contain both a derivative and a non-derivative component. In such cases, the derivative component is termed an embedded derivative. Where the economic characteristics and risks of the embedded derivatives are not closely related to those of the host contract, and the host contract itself is not carried at fair value through profit or loss, the embedded derivative is bifurcated and reported at fair value with gains and losses being recognised in the income statement.

Profits or losses cannot be recognised on the initial recognition of embedded derivatives unless the host contract is also carried at fair value.

#### Financial liabilities

Financial liabilities are measured at amortised cost, except for trading liabilities and liabilities designated at fair value, which are held at fair value through profit or loss. Financial liabilities are derecognised when extinguished.

#### Determining fair value

Where the classification of a financial instrument requires it to be stated at fair value, fair value is determined by reference to a quoted market price for that instrument or by using a valuation model. Where the fair value is calculated using valuation models, the methodology is to calculate the expected cash flows under the terms of each specific contract and then discount these values back to a present value. These models use as their basis independently sourced market parameters including, for example, interest rate yield curves, equities and commodities prices, option volatilities and currency rates. For financial liabilities measured at fair value, the carrying amount reflects the effect on fair value of changes in own credit spreads by applying the appropriate Barclays credit default swap spreads. Most market parameters are either directly observable or are implied from instrument prices. The model may perform numerical procedures in the pricing such as interpolation when input values do not directly correspond to the most actively traded market trade parameters. However, where valuations include significant unobservable inputs, the transaction price is deemed to provide the best evidence of initial fair value for accounting purposes. As such, profits or losses are recognised upon trade inception only when such profits can be measured solely by reference to observable market data. For valuations that include significant unobservable inputs, the difference between the model valuation and the initial transaction price is recognised in profit or loss:

- a) on a straight-line basis over the term of the transaction, or over the period until all model inputs will become observable where appropriate; or;
- b) released in full where previously unobservable inputs become observable.

Various factors influence the availability of observable inputs and these may vary from product to product and change over time. Factors include for example, the depth of activity in the relevant market, the type of product, whether the product is new and not widely traded in the market place, the maturity of market modelling and the nature of the transaction (bespoke or generic). To the extent that valuation is based on models or inputs that are not observable in the market, the determination of fair value can be more subjective, dependant on the significance of the unobservable input to the overall valuation. Unobservable inputs are determined based on the best information available, for example by reference to similar assets, similar maturities or other analytical techniques.

#### 8. Impairment of financial assets

The Group assesses at each balance sheet date whether there is objective evidence that loans and receivables or available for sale financial investments are impaired. These are impaired and impairment losses are incurred if, and only if, there is objective evidence of impairment as a result of one or more loss events that occurred after the initial recognition of the asset and prior to the balance sheet date ('a loss event') and that loss event or events has had an impact on the estimated future cash flows of the financial asset or the portfolio that can be reliably estimated. The criteria that the Group uses to determine that there is objective evidence of an impairment loss include:

- a) significant financial difficulty of the issuer or obligor;
- b) a breach of contract, such as a default or delinquency in interest or principal payments;
- c) the lender, for economic or legal reasons relating to the borrower's financial difficulty, granting to the borrower a concession that the lender would not otherwise consider;
- d) it becomes probable that the borrower will enter bankruptcy or other financial reorganisation;
- e) the disappearance of an active market for that financial asset because of financial difficulties; or

**Loan commitments**

Loan commitments, where the Group has a past practice of selling the resulting assets shortly after origination, are held at fair value through profit or loss. Other loan commitments are accounted for in accordance with policy 23.

## Accounting policies

- f) observable data indicating that there is a measurable decrease in the estimated future cash flows from a portfolio of financial assets since the initial recognition of those assets, although the decrease cannot yet be identified with the individual financial assets in the portfolio, including:
- (i) adverse changes in the payment status of borrowers in the portfolio;
  - (ii) national or local economic conditions that correlate with defaults on the assets in the portfolio.

For loans and receivables the Group first assesses whether objective evidence of impairment exists individually for loans and receivables that are individually significant, and individually or collectively for loans and receivables that are not individually significant. If the Group determines that no objective evidence of impairment exists for an individually assessed loan and receivable, whether significant or not, it includes the asset in a group of loans and receivables with similar credit risk characteristics and collectively assesses them for impairment. Loans and receivables that are individually assessed for impairment and for which an impairment loss is or continues to be recognised are not included in a collective assessment of impairment.

The amount of impairment loss is measured as the difference between the asset's carrying amount and the present value of estimated future cash flows discounted at the asset's original effective interest rate. The amount of the loss is recognised using an allowance account and recognised in the income statement.

Where appropriate, the calculation of the present value of the estimated future cash flows of a collateralised loan and receivable asset reflect the cash flows that may result from foreclosure costs for obtaining and selling the collateral, whether or not foreclosure is probable.

For the purposes of a collective evaluation of impairment, loans and receivables are grouped on the basis of similar risk characteristics, taking into account asset type, industry, geographical location, collateral type, past-due status and other relevant factors. These characteristics are relevant to the estimation of future cash flows for groups of such assets by being indicative of the counterparty's ability to pay all amounts due according to the contractual terms of the assets being evaluated.

Future cash flows in a group of loans and receivables that are collectively evaluated for impairment are estimated on the basis of the contractual cash flows of the assets in the group and historical loss experience for assets with credit risk characteristics similar to those in the group. Historical loss experience is adjusted based on current observable data to reflect the effects of current conditions that did not affect the period on which the historical loss experience is based and to remove the effects of conditions in the historical period that do not currently exist.

The methodology and assumptions used for estimating future cash flows are reviewed regularly to reduce any differences between loss estimates and actual loss experience.

Following impairment, interest income is recognised using the effective rate of interest which was used to discount the future cash flows for the purpose of measuring the impairment loss.

When a loan is uncollectable, it is written off against the related allowance for loan impairment. Such loans are written off after all the necessary procedures have been completed and the amount of the loss has been determined. Subsequent recoveries of amounts previously written off are credited to the income statement.

If, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognised, the previously recognised impairment loss is reversed by adjusting the allowance account. The amount of the reversal is recognised in the income statement.

Equity securities acquired in exchange for loans in order to achieve an orderly realisation are accounted for as a disposal of the loan and an acquisition of equity securities. Where control is obtained over an entity as a result of the transaction, the entity is consolidated. Any further impairment of the assets or business acquired is treated as an impairment of the relevant asset or business and not as an impairment of the original instrument.

In the case of available for sale equity securities, a significant or prolonged decline in the fair value of the security below its cost is also considered in determining whether impairment exists. Where such evidence exists, the cumulative net loss that has been previously recognised directly in equity is removed from equity and recognised in the income statement. In the case of debt instruments classified as available for sale, impairment is assessed based on the same criteria as all other financial assets. Reversals of impairment of debt instruments are recognised in the income statement. Reversals of impairment of equity shares are not recognised in the income statement, increases in the fair value of equity shares after impairment are recognised directly in equity.

### 9. Sale and repurchase agreements (including stock borrowing and lending)

Securities may be lent or sold subject to a commitment to repurchase them (a 'repo'). Such securities are retained on the balance sheet when substantially all the risks and rewards of ownership remain with the Group, and the counterparty liability is included separately on the balance sheet when cash consideration is received.

Similarly, where the Group borrows or purchases securities subject to a commitment to resell them (a 'reverse repo') but does not acquire the risks and rewards of ownership, the transactions are treated as collateralised loans when cash consideration is paid, and the securities are not included in the balance sheet.

The difference between sale and repurchase price is accrued over the life of the agreements using the effective interest method. Securities lent to counterparties are also retained in the financial statements. Securities borrowed are not recognised in the financial statements, unless these are sold to third parties, at which point the obligation to repurchase the securities is recorded as a trading liability at fair value and any subsequent gain or loss included in net trading income.

### 10. Securitisation transactions

Certain Group undertakings have issued debt securities or have entered into funding arrangements with lenders in order to finance specific loans and advances to customers.

All financial assets continue to be held on the Group balance sheet, and a liability recognised for the proceeds of the funding transaction, unless:

- a) substantially all the risks and rewards associated with the financial instruments have been transferred, in which case, the assets are derecognised in full; or
- b) if a significant portion, but not all, of the risks and rewards have been transferred, the asset is derecognised entirely if the transferee has the ability to sell the financial asset, otherwise the asset continues to be recognised only to the extent of the Group's continuing involvement.

Where a) or b) above applies to a fully proportionate share of all or specifically identified cash flows, the relevant accounting treatment is applied to that proportion of the asset.

## 11. Collateral and netting

The Group enters into master agreements with counterparties whenever possible and, when appropriate, obtains collateral. Master agreements provide that, if an event of default occurs, all outstanding transactions with the counterparty will fall due and all amounts outstanding will be settled on a net basis.

### Collateral

The Group obtains collateral in respect of customer liabilities where this is considered appropriate. The collateral normally takes the form of a lien over the customer's assets and gives the Group a claim on these assets for both existing and future customer liabilities.

The Group also receives collateral in the form of cash or securities in respect of other credit instruments, such as stock borrowing contracts, and derivative contracts in order to reduce credit risk. Collateral received in the form of securities is not recorded on the balance sheet. Collateral received in the form of cash is recorded on the balance sheet with a corresponding liability. These items are assigned to deposits received from bank or other counterparties. Any interest payable or receivable arising is recorded as interest expense or interest income respectively except for funding costs relating to trading activities which are recorded in net trading income.

### Netting

Financial assets and liabilities are offset and the net amount reported in the balance sheet if, and only if, there is a legally enforceable right to set off the recognised amounts and there is an intention to settle on a net basis, or to realise an asset and settle the liability simultaneously. In many cases, even though master netting agreements are in place, the lack of an intention to settle on a net basis results in the related assets and liabilities being presented gross in the balance sheet.

## 12. Hedge accounting

Derivatives are used to hedge interest rate, exchange rate, commodity, and equity exposures and exposures to certain indices such as house price indices and retail price indices related to non-trading positions.

Where derivatives are held for risk management purposes, and when transactions meet the required criteria, the Group applies fair value hedge accounting, cash flow hedge accounting, or hedging of a net investment in a foreign operation as appropriate to the risks being hedged.

When a financial instrument is designated as a hedge, the Group formally documents the relationship between the hedging instrument and hedged item as well as its risk management objectives and its strategy for undertaking the various hedging transactions. The Group also documents its assessment, both at hedge inception and on an ongoing basis, of whether the derivatives that are used in hedging transactions are highly effective in offsetting changes in fair values or cash flows of hedged items.

The Group discontinues hedge accounting when:

- It is determined that a derivative is not, or has ceased to be, highly effective as a hedge;
- the derivative expires, or is sold, terminated, or exercised;
- the hedged item matures or is sold or repaid; or
- a forecast transaction is no longer deemed highly probable.

In certain circumstances, the Group may decide to cease hedge accounting even though the hedge relationship continues to be highly effective by no longer designating the financial instrument as a hedging instrument. To the extent that the changes in the fair value of the hedging derivative differ from changes in the fair value of the hedged risk in the hedged item; or the cumulative change in the fair value of the hedging derivative differs from the cumulative change in the fair value of expected future cash flows of the hedged item, the hedge is deemed to include ineffectiveness. The amount of ineffectiveness, provided it is not so great as to disqualify the entire hedge for hedge accounting, is recorded in the income statement.

### Fair value hedge accounting

Changes in fair value of derivatives that qualify and are designated as fair value hedges are recorded in the income statement, together with changes in the fair value of the hedged asset or liability that are attributable to the hedged risk.

If the hedge relationship no longer meets the criteria for hedge accounting, it is discontinued. For fair value hedges of interest rate risk, the fair value adjustment to the hedged item is amortised to the income statement over the period to maturity of the previously designated hedge relationship using the effective interest method.

If the hedged item is sold or repaid, the unamortised fair value adjustment is recognised immediately in the income statement.

### Cash flow hedges

For qualifying cash flow hedges, the fair value gain or loss associated with the effective portion of the cash flow hedge is recognised initially in shareholders' equity, and recycled to the income statement in the periods when the hedged item will affect profit or loss. Any ineffective portion of the gain or loss on the hedging instrument is recognised in the income statement immediately.

When a hedging instrument expires or is sold, or when a hedge no longer meets the criteria for hedge accounting, any cumulative gain or loss existing in equity at that time remains in equity and is recognised when the hedged item is ultimately recognised in the income statement. When a forecast transaction is no longer expected to occur, the cumulative gain or loss that was recognised in equity is immediately transferred to the income statement.

### Hedges of net investments

Hedges of net investments in foreign operations, including monetary items that are accounted for as part of the net investment, are accounted for similarly to cash flow hedges; the effective portion of the gain or loss on the hedging instrument is recognised directly in equity and the ineffective portion is recognised immediately in the income statement. The cumulative gain or loss previously recognised in equity is recognised in the income statement on the disposal or partial disposal of the foreign operation.

Hedges of net investments may include non-derivative liabilities as well as derivative financial instruments although for a non-derivative liability only the foreign exchange risk is designated as a hedge.

### Derivatives that do not qualify for hedge accounting

Derivative contracts entered into as economic hedges that do not qualify for hedge accounting are held at fair value through profit or loss.

## 13. Property, plant and equipment

Property and equipment is stated at cost less accumulated depreciation and provisions for impairment, if any. Additions and subsequent expenditures are capitalised only to the extent that they enhance the future economic benefits expected to be derived from the assets.

Depreciation is provided on the depreciable amount of items of property and equipment on a straight-line basis over their estimated useful economic lives. The depreciable amount is the gross carrying amount, less the estimated residual value at the end of its useful economic life.

## Accounting policies

The Group uses the following annual rates in calculating depreciation:

Freehold buildings and long-leasehold property (more than 50 years to run)	2-3.3%
Leasehold property (less than 50 years to run)	Over the remaining life of the lease
Costs of adaptation of freehold and leasehold property <sup>a</sup>	7-10%
Equipment installed in freehold and leasehold property <sup>a</sup>	7-10%
Computers and similar equipment	20-33%
Fixtures and fittings and other equipment	10-20%

Depreciation rates, methods and the residual values underlying the calculation of depreciation of items of property, plant and equipment are kept under review to take account of any change in circumstances.

When deciding on depreciation rates and methods, the principal factors the Group takes into account are the expected rate of technological developments and expected market requirements for, and the expected pattern of usage of, the assets. When reviewing residual values, the Group estimates the amount that it would currently obtain for the disposal of the asset after deducting the estimated cost of disposal if the asset were already of the age and condition expected at the end of its useful economic life.

No depreciation is provided on freehold land, although, in common with all long-lived assets, it is subject to impairment testing, if deemed appropriate.

Gains and losses on disposals are determined by comparing the proceeds with the carrying amount and are recognised in the income statement.

### 14. Intangible assets

#### Goodwill

Goodwill arises on the acquisition of subsidiary and associated entities and joint ventures, and represents the excess of the fair value of the purchase consideration and direct costs of making the acquisition, over the fair value of the Group's share of the assets acquired, and the liabilities and contingent liabilities assumed on the date of the acquisition.

For the purpose of calculating goodwill, fair values of acquired assets, liabilities and contingent liabilities are determined by reference to market values or by discounting expected future cash flows to present value. This discounting is either performed using market rates or by using risk-free rates and risk-adjusted expected future cash flows. Goodwill is capitalised and reviewed annually for impairment, or more frequently when there are indications that impairment may have occurred. Goodwill is allocated to cash-generating units for the purpose of impairment testing. Goodwill on acquisitions of associates and joint ventures is included in the amount of the investment. Gains and losses on the disposal of an entity include the carrying amount of the goodwill relating to the entity sold.

The carrying amount of goodwill in the UK GAAP balance sheet as at 31st December 2003 has been brought forward without adjustment on transition to IFRSs.

#### Computer software

Computer software is stated at cost, less amortisation and provisions for impairment, if any.

The identifiable and directly associated external and internal costs of acquiring and developing software are capitalised where the software is controlled by the Group, and where it is probable that future economic benefits that exceed its cost will flow from its use over more than one year. Costs associated with maintaining software are recognised as an expense when incurred.

Capitalised computer software is amortised over three to five years.

### Note

<sup>a</sup> Where leasehold property has a remaining useful life of less than 15

### Other intangible assets

Other intangible assets consist of brands, customer lists, licences and other contracts, core deposit intangibles, mortgage servicing rights and customer relationships. Other intangible assets are initially recognised when they are separable or arise from contractual or other legal rights, the cost can be measured reliably and, in the case of intangible assets not acquired in a business combination, where it is probable that future economic benefits attributable to the assets will flow from their use. The value of intangible assets which are acquired in a business combination is generally determined using income approach methodologies such as the discounted cash flow method and the relief from royalty method that estimate net cash flows attributable to an asset over its economic life and discount to present value using an appropriate rate of return based on the cost of equity adjusted for risk.

Other intangible assets are stated at cost less amortisation and provisions for impairment, if any, and are amortised over their useful lives in a manner that reflects the pattern to which they contribute to future cash flows, generally over 4-25 years.

### 15. Impairment of property, plant and equipment and intangible assets

At each balance sheet date, or more frequently where events or changes in circumstances dictate, property, plant and equipment and intangible assets, are assessed for indications of impairment. If indications are present, these assets are subject to an impairment review. Goodwill is subject to an impairment review as at the balance sheet date each year. The impairment review comprises a comparison of the carrying amount of the asset with its recoverable amount: the higher of the asset's or the cash-generating unit's net selling price and its value in use. Net selling price is calculated by reference to the amount at which the asset could be disposed of in a binding sale agreement in an arm's length transaction evidenced by an active market or recent transactions for similar assets. Value in use is calculated by discounting the expected future cash flows obtainable as a result of the asset's continued use, including those resulting from its ultimate disposal, at a market-based discount rate on a pre-tax basis.

The carrying values of fixed assets and goodwill are written down by the amount of any impairment and this loss is recognised in the income statement in the period in which it occurs. A previously recognised impairment loss relating to a fixed asset may be reversed in part or in full when a change in circumstances leads to a change in the estimates used to determine the fixed asset's recoverable amount. The carrying amount of the fixed asset will only be increased up to the amount that it would have been had the original impairment not been recognised. Impairment losses on goodwill are not reversed. For the purpose of conducting impairment reviews, cash-generating units are the lowest level at which management monitors the return on investment on assets.

### 16. Financial guarantees

Financial guarantee contracts are contracts that require the issuer to make specified payments to reimburse the holder for a loss it incurs because a specified debtor fails to make payments when due in accordance with the terms of a debt instrument.

Financial guarantees are initially recognised in the financial statements at fair value on the date that the guarantee was given. Other than where the fair value option is applied, subsequent to initial recognition, the bank's liabilities under such guarantees are measured at the higher of the initial measurement, less amortisation calculated to recognise in the income statement any fee income earned over the period, and any financial obligation arising as a result of the guarantees at the balance sheet date, in accordance with policy 23.

Any increase in the liability relating to guarantees is taken to the income statement in Provisions for undrawn contractually committed facilities and guarantees provided. Any liability remaining is recognised in the income statement when the guarantee is discharged, cancelled or expires.

years, costs of adaptation and installed equipment are depreciated over the remaining life of the lease.



## 17. Issued debt and equity securities

Issued financial instruments or their components are classified as liabilities where the contractual arrangement results in the Group having a present obligation to either deliver cash or another financial asset to the holder, to exchange financial instruments on terms that are potentially unfavourable or to satisfy the obligation otherwise than by the exchange of a fixed amount of cash or another financial asset for a fixed number of equity shares. Issued financial instruments, or their components, are classified as equity where they meet the definition of equity and confer on the holder a residual interest in the assets of the Company. The components of issued financial instruments that contain both liability and equity elements are accounted for separately with the equity component being assigned the residual amount after deducting from the instrument as a whole the amount separately determined as the fair value of the liability component.

Financial liabilities, other than trading liabilities and financial liabilities designated at fair value, are carried at amortised cost using the effective interest method as set out in policy 6. Derivatives embedded in financial liabilities that are not designated at fair value are accounted for as set out in policy 7. Equity instruments, including share capital, are initially recognised at net proceeds, after deducting transaction costs and any related income tax. Dividend and other payments to equity holders are deducted from equity, net of any related tax.

## 18. Share capital

### Share issue costs

Incremental costs directly attributable to the issue of new shares or options including those issued on the acquisition of a business are shown in equity as a deduction, net of tax, from the proceeds.

### Dividends on ordinary shares

Dividends on ordinary shares are recognised in equity in the period in which they are paid or, if earlier, approved by the Barclays PLC (the Company) shareholders.

### Treasury shares

Where the Company or any member of the Group purchases the Company's share capital, the consideration paid is deducted from shareholders' equity as treasury shares until they are cancelled. Where such shares are subsequently sold or reissued, any consideration received is included in shareholders' equity.

## 19. Insurance contracts and investment contracts

The Group offers wealth management, term assurance, annuity, property and payment protection insurance products to customers that take the form of long- and short-term insurance contracts.

The Group classifies its wealth management and other products as insurance contracts where these transfer significant insurance risk, generally where the benefits payable on the occurrence of an insured event are at least 5% more than the benefits that would be payable if the insured event does not occur.

Contracts that do not contain significant insurance risk or discretionary participation features are classified as investment contracts. Financial assets and liabilities relating to investment contracts, and assets backing insurance contracts are classified and measured as appropriate under IAS 39, 'Financial Instruments: Recognition and Measurement'.

### Long-term insurance contracts

These contracts, insure events associated with human life (for example, death or survival) over a long duration. Premiums are recognised as revenue when they become payable by the contract holder. Claims and surrenders are accounted for when notified. Maturities on the policy maturity date and regular withdrawals are accounted for when due.

A liability for contractual benefits that are expected to be incurred in the future is recorded when the premiums are recognised, based on the expected discounted value of the benefit payments and directly related administration costs, less the expected discounted value of the future premiums that would be required to meet the benefits and other expenses. The calculation of the liability contains assumptions regarding mortality, maintenance expenses and investment income.

Liabilities under unit-linked life insurance contracts (such as endowment policies) in addition reflect the value of assets held within unithised investment pools.

### Short-term insurance contracts

Under its payment protection insurance products the Group is committed to paying benefits to the policyholder rather than forgiving interest or principal on the occurrence of an insured event, such as unemployment, sickness, or injury. Property insurance contracts mainly compensate the policyholders for damage to their property or for the value of property lost.

Premiums are recognised as revenue proportionally over the period of the coverage. Claims and claims handling costs are charged to income as incurred, based on the estimated liability for compensation owed to policyholders arising from events that have occurred up to the balance sheet date even if they have not yet been reported to the Group, based on assessments of individual cases reported to the Group and statistical analyses for the claims incurred but not reported.

### Deferred acquisition costs (DAC)

Commissions and other costs that are related to securing new insurance and investment contracts are capitalised and amortised over the estimated lives of the relevant contracts.

### Deferred income liability

Fees that are designed to recover commissions and other costs related to either securing new insurance and investment contracts or renewing existing investment contracts are included as a liability and amortised over the estimated life of the contract.

### Value of business acquired

On acquisition of a portfolio of contracts, such as through the acquisition of a subsidiary, the Group recognises an intangible asset representing the value of business acquired (VOBA), representing the future profits embedded in acquired insurance contracts and investment contracts with a discretionary participation feature. The asset is amortised over the remaining terms of the acquired contracts.

### Liability adequacy test

Liability adequacy tests are performed at each balance sheet date to ensure the adequacy of contract liabilities net of DAC and VOBA assets. Current best estimates of future contractual cash flows, claims handling and administration costs, and investment returns from the assets backing the liabilities are taken into account in the tests. Where a deficiency is highlighted by the test, DAC and VOBA assets are written off first, and insurance liabilities increased when these are written off in full. Any deficiency is immediately recognised in the income statement.

## Accounting policies

### Reinsurance

Short- and long-term insurance business is ceded to reinsurers under contracts to transfer part or all of one or more of the following risks: mortality, investment and expenses. All such contracts are dealt with as insurance contracts. The benefits to which the Group is entitled under its reinsurance contracts are recognised as reinsurance assets. The Group assesses reinsurance assets at each balance sheet date. If there is objective evidence of impairment, the carrying amount of the reinsurance asset is reduced accordingly resulting in a charge to the income statement.

### 20. Leases

#### Lessor

Assets leased to customers under agreements, which transfer substantially all the risks and rewards of ownership, with or without ultimate legal title, are classified as finance leases. When assets are held subject to a finance lease, the present value of the lease payments, discounted at the rate of interest implicit in the lease, is recognised as a receivable. The difference between the total payments receivable under the lease and the present value of the receivable is recognised as unearned finance income, which is allocated to accounting periods under the pre-tax net investment method to reflect a constant periodic rate of return.

Assets leased to customers under agreements which do not transfer substantially all the risks and rewards of ownership are classified as operating leases. The leased assets are included within property, plant and equipment on the Group's balance sheet and depreciation is provided on the depreciable amount of these assets on a systematic basis over their estimated useful lives. Lease income is recognised on a straight-line basis over the period of the lease unless another systematic basis is more appropriate.

#### Lessee

The leases entered into by the Group are primarily operating leases. Operating lease rentals payable are recognised as an expense in the income statement on a straight-line basis over the lease term unless another systematic basis is more appropriate.

### 21. Employee benefits

The Group provides employees worldwide with post-retirement benefits mainly in the form of pensions. The Group operates a number of pension schemes which may be funded or unfunded and of a defined contribution or defined benefit nature. In addition, the Group contributes, according to local law in the various countries in which it operates, to Governmental and other plans which have the characteristics of defined contribution plans.

For defined benefit schemes, actuarial valuation of each of the scheme's obligations using the projected unit credit method and the fair valuation of each of the scheme's assets are performed annually, using the assumptions set out in Note 30. The difference between the fair value of the plan assets and the present value of the defined benefit obligation at the balance sheet date, adjusted for any historic unrecognised actuarial gains or losses and past service cost, is recognised as a liability in the balance sheet. An asset, arising for example, as a result of past over funding or the performance of the plan investments, is recognised to the extent that it does not exceed the present value of future contribution holidays or refunds of contributions.

Cumulative actuarial gains and losses in excess of the greater of 10% of the assets or 10% of the obligations of the plan are recognised in the income statement over the remaining average service lives of the employees of the related plan, on a straight-line basis.

For defined contribution schemes, the Group recognises contributions due in respect of the accounting period in the income statement. Any contributions unpaid at the balance sheet date are included as a liability.

The Group also provides health care to certain retired employees, which are accrued as a liability in the financial statements over the period of employment, using a methodology similar to that for defined benefit pensions plans.

Short-term employee benefits, such as salaries, paid absences, and other benefits, are accounted for on an accruals basis over the period which employees have provided services in the year. Bonuses are recognised to the extent that the Group has a present obligation to its employees that can be measured reliably.

All expenses related to employee benefits are recognised in the income statement in staff costs, which is included within operating expenses.

### 22. Share-based payments to employees

The Group engages in equity settled share-based payment transactions in respect of services received from certain of its employees. The fair value of the services received is measured by reference to the fair value of the shares or share options granted on the date of the grant. The cost of the employee services received in respect of the shares or share options granted is recognised in the income statement over the period that the services are received, which is the vesting period. The fair value of the options granted is determined using option pricing models, which take into account the exercise price of the option, the current share price, the risk free interest rate, the expected volatility of the share price over the life of the option and other relevant factors. Except for those which include terms related to market conditions, vesting conditions included in the terms of the grant are not taken into account in estimating fair value. Non-market vesting conditions are taken into account by adjusting the number of shares or share options included in the measurement of the cost of employee services so that ultimately, the amount recognised in the income statement reflects the number of vested shares or share options. Where vesting conditions are related to market conditions, the charges for the services received are recognised regardless of whether or not the market related vesting condition is met, provided that the non-market vesting conditions are met.

### 23. Provisions

Provisions are recognised for present obligations arising as consequences of past events where it is more likely than not that a transfer of economic benefit will be necessary to settle the obligation, and it can be reliably estimated.

When a leasehold property ceases to be used in the business or a demonstrable commitment has been made to cease to use a property where the costs exceed the benefits of the property, provision is made, where the unavoidable costs of the future obligations relating to the lease are expected to exceed anticipated rental income and other benefits. The net costs are discounted using market rates of interest to reflect the long-term nature of the cash flows.

Provision is made for the anticipated cost of restructuring, including redundancy costs when an obligation exists. An obligation exists when the Group has a detailed formal plan for restructuring a business and has raised valid expectations in those affected by the restructuring by starting to implement the plan or announcing its main features. The provision raised is normally utilised within nine months.

Provision is made for undrawn loan commitments and similar facilities if it is probable that the facility will be drawn and result in the recognition of an asset at an amount less than the amount advanced.

Contingent liabilities are possible obligations whose existence will be confirmed only by uncertain future events or present obligations where the transfer of economic benefit is uncertain or cannot be reliably measured. Contingent liabilities are not recognised but are disclosed unless they are remote.



#### 24. Taxes, including deferred taxes

Income tax payable on taxable profits ('current tax'), is recognised as an expense in the period in which the profits arise. Income tax recoverable on tax allowable losses is recognised as an asset only to the extent that it is regarded as recoverable by offset against current or future taxable profits.

Deferred income tax is provided in full, using the liability method, on temporary differences arising from the differences between the tax bases of assets and liabilities and their carrying amounts in the consolidated financial statements. Deferred income tax is determined using tax rates and legislation enacted or substantially enacted by the balance sheet date and is expected to apply when the deferred tax asset is realised or the deferred tax liability is settled. Deferred and current tax assets and liabilities are only offset when they arise in the same tax reporting group and where there is both the legal right and the intention to settle on a net basis or to realise the asset and settle the liability simultaneously.

#### 25. Segment reporting

Operating segments are reported in a manner consistent with the internal reporting provided to the Executive Committee. The Executive Committee, which is responsible for allocating resources and assessing performance of the operating segments, has been identified as the chief operating decision maker.

All transactions between business segments are conducted on an arm's length basis, with intra-segment revenue and costs being eliminated in Head office. Income and expenses directly associated with each segment are included in determining business segment performance.

#### 26. Cash and cash equivalents

For the purposes of the cash flow statement, cash comprises cash on hand and demand deposits, and cash equivalents comprise highly liquid investments that are convertible into cash with an insignificant risk of changes in value with original maturities of less than three months. Repurchase and reverse repurchase agreements are not considered to be part of cash equivalents.

#### 27. Trust activities

The Group commonly acts as trustees and in other fiduciary capacities that result in the holding or placing of assets on behalf of individuals, trusts, retirement benefit plans and other institutions. These assets and income arising thereon are excluded from these financial statements, as they are not assets of the Group.

## Accounting developments

### Changes in accounting policy

The adoption of IFRSs and IFRICs in 2008 has resulted in no significant changes to the accounting policies except:

- a) IFRS 8 'Operating Segments' has been adopted as at 1st January 2008. IFRS 8 was issued in November 2006 and excluding early adoption would first be required to be applied to the Group's accounting period beginning on 1st January 2009. The standard replaces IAS 14 'Segmental Reporting' and aligns operating segmental reporting with segments reported to senior management as well as requiring amendments and additions to the existing segmental reporting disclosures as set out in Note 53. The standard does not change the recognition, measurement or disclosure of specific transactions in the consolidated financial statements.
- b) Certain financial assets originally classified as held for trading have been reclassified to loans and receivables on 16th December 2008 as set out in Note 51 on page 278. Following the amendment to IAS 39 in October 2008, a non-derivative financial asset held for trading may be transferred out of the fair value through profit or loss category after 1st July 2008 where:
  - In rare circumstances, it is no longer held for the purpose of selling or repurchasing in the near term; or
  - It is no longer held for the purpose of selling or repurchasing in the near term, it would have met the definition of a loan and receivable on initial classification and the Group has the intention and ability to hold it for the foreseeable future or until maturity.

### Future accounting developments

Consideration will be given during 2009 to the implications, if any, of the following new and revised standards and International Financial Reporting Interpretations Committee (IFRIC) interpretations, as follows:

- IFRS 3 – Business Combinations and IAS 27 – Consolidated and Separate Financial Statements are revised standards issued in January 2008. The revised IFRS 3 applies prospectively to business combinations first accounted for in accounting periods beginning on or after 1st July 2009 and the amendments to IAS 27 apply retrospectively to periods beginning on or after 1st July 2009. The main changes in existing practice resulting from the revision to IFRS 3 affect acquisitions that are achieved in stages and acquisitions where less than 100% of the equity is acquired. In addition, acquisition related costs – such as fees paid to advisers – must be accounted for separately from the business combination, which means that they will be recognised as expenses unless they are directly connected with the issue of debt or equity securities. The revisions to IAS 27 specify that changes in a parent's ownership interest in a subsidiary that do not result in the loss of control must be accounted for as equity transactions. Until future acquisitions take place that are accounted for in accordance with the revised IFRS 3, the main impact on Barclays will be that, from 2010, gains and losses on transactions with non-controlling interests that do not result in loss of control will no longer be recognised in the income statement but directly in equity. In 2008, gains of £8m and losses of £2m were recognised in income relating to such transactions.

- IAS – 1 Presentation of Financial Statements is a revised standard applicable to annual periods beginning on 1st January 2009. The amendments affect the presentation of owner changes in equity and of comprehensive income. They do not change the recognition, measurement or disclosure of specific transactions and events required by other standards.
- An amendment to IFRS 2 Share-based Payment was issued in January 2008 that clarifies that vesting conditions are service conditions and performance conditions only. It also specifies that all cancellations, whether by the entity or by other parties, should receive the same accounting treatment, which results in the acceleration of charge. The Group is considering the implications of the amendment, particularly to the Sharesave scheme, and any resulting change in accounting policy would be accounted for in accordance with IAS 8 Accounting policies, changes in accounting estimates and errors in 2009.
- Amendments to IFRS 1 First-time Adoption of International Financial Reporting Standards and IAS 27 Consolidated and Separate Financial Statements – Cost of an Investment in a Subsidiary, Jointly Controlled Entity or Associate were issued in May 2008. The amendment to IFRS 1 has no impact on Barclays. The amendment to IAS 27 results in dividends received from subsidiaries being treated as income in the individual financial statements of the parent, whether paid from pre or post acquisition profits, and could affect the cost of investment in subsidiaries in certain group reconstructions. The amendments, which first apply to annual periods beginning on or after 1st January 2009, are not expected to affect group accounting policies.
- IAS 23 – Borrowing Costs is a revised standard applicable to annual periods beginning on 1st January 2009. The revision does not impact Barclays. The revision removes the option to not capitalise borrowing costs on qualifying assets, which are assets that take a substantial period of time to prepare for their intended use or sale.
- Amendments to IAS 32 – Financial Instruments: Presentation and IAS 1 – Presentation of Financial Statements were issued in February 2008 that require some puttable instruments and some financial instruments that impose on the entity and obligation to deliver to another party a pro rata share of the net assets of the entity only on liquidation to be classified as equity. The amendments, which are applicable to annual periods beginning on 1st January 2009, are not expected to have a material impact on Barclays.
- Eligible Hedged Items (an amendment to IAS 39 Financial Instruments: Recognition and Measurement) was issued in July 2008 and applies retrospectively for annual periods beginning on or after 1st July 2009. The amendment provides additional guidance where hedge accounting is to be obtained for a one sided risk in a hedged item or for inflation in a financial hedged item. No changes to accounting policies are expected as a result of the amendment.
- 'Improvements to IFRS' was issued in May 2008 and contains numerous amendments to IFRS which the IASB consider non-urgent but necessary. No changes to accounting policies are expected as a result of these amendments.

The following IFRIC interpretations issued during 2007 or 2008 which first apply to accounting periods beginning on or after 1st January 2009 are not expected to result in any changes to the Group's accounting policies:

- IFRIC 13 – Customer Loyalty Programs;
- IFRIC 15 – Agreements for the Construction of Real Estate;
- IFRIC 16 – Hedges of a Net Investment in a Foreign Operation; and
- IFRIC 17 – Distribution of Non-cash assets to owners.
- IFRIC 18 – Transfer of Assets from Customers, was issued in January 2009 and applies prospectively to transfers of assets from customers received on or after 1st July 2009. This interpretation is not expected to result in any changes to the Group's accounting policies.

#### Acquisitions

##### 2008

On 31st March 2008, Barclays completed the acquisition of Discover Financial Services' UK credit card business, Goldfish. Discover Financial Services is a leading credit card issuer and electronic payment services company.

On 1st July 2008, Barclays acquired 100% of the ordinary shares of Expobank. Expobank is based in Moscow and its main products and services are issuance and servicing of debit and credit cards, mortgages and loans, currency transactions, internet-banking; retail discount cards and other services.

On 22nd September 2008, Barclays completed the acquisition of Lehman Brothers North American businesses. The Lehman Brothers North American businesses include Lehman Brothers North American fixed income and equities sales, trading and research and investment banking businesses, Lehman Brothers New York Head Office at 745 Seventh Avenue and two data centres in New Jersey.

On 6th November 2008, Barclays purchased the Italian residential mortgage business of Macquarie Bank Limited. The acquired business includes a mortgage portfolio with a total outstanding balance of approximately €1.1 billion, as well as Macquarie's operational support functions, including staff.

##### 2007

On 8th February 2007, Barclays completed the acquisition of Indexchange Investment AG. Indexchange is based in Munich and offers exchange traded fund products.

On 28th February 2007, Barclays completed the acquisition of Nile Bank Limited. Nile Bank is based in Uganda with 18 branches and 228 employees.

On 30th March 2007, Barclays completed the acquisition of EquiFirst. EquiFirst is a non-prime wholesale mortgage originator in the United States.

On 18th May 2007, Barclays completed the acquisition of Walbrook Group Limited. Walbrook is based in Jersey, Guernsey, Isle of Man and Hong Kong where it serves high net worth private clients and corporate customers.

##### 2006

On 1st November 2006, Barclays Bank PLC acquired the US mortgage servicing business of HomEq Servicing Corporation from Wachovia Corporation.

#### Disposals

##### 2008

On 31st October 2008 Barclays completed the sale of Barclays Life Assurance Company Ltd to Swiss Reinsurance Company.

##### 2007

On 4th April 2007, Barclays completed the sale of part of Monument, a credit card business.

On 24th September 2007, Barclays completed the sale of a 50% shareholding in Intelenet Global Services Pvt Ltd.

##### 2006

On 1st January 2006, Barclays completed the sale of the Barclays South African branch business to Absa Group Limited. This consists of the Barclays Capital South African operations and Corporate and Business Banking activities previously carried out by the South African branch of Global Retail and Commercial Banking, together with the associated assets and liabilities.

On 25th July 2006, Barclays Asset & Sales Finance (BASF) disposed of its interest in its motor vehicle contract hire business, Appleyard Finance Holdings Limited.

On 31st August 2006, Barclays disposed of Bankhaus Wolbern which was formerly part of Absa.

On 22nd December 2006 Barclays disposed of its interest in FirstCaribbean International Bank to Canadian Imperial Bank of Commerce.

On 31st December 2006, BA&SF disposed of its European Vendor Finance business, including Barclays Industrie Bank GmbH and Barclays Technology Finance Ltd, to CIT Group.

#### Recent developments

On 2nd February 2009, Barclays completed the acquisition of PT Bank Akita, which was announced initially on 17th September 2008, following the approval of the Central Bank of Indonesia.

On 17th February 2009, Barclays announced that Barclays Capital will discontinue operations at its Equifirst subsidiary due to the market environment and strategic direction of the Group.

## Consolidated income statement

For the year ended 31st December

	Notes	2008 £m	2007 £m	2006 £m
<b>Continuing operations</b>				
Interest income	2	28,010	25,308	21,805
Interest expense	2	(16,541)	(15,698)	(12,662)
Net interest income		11,469	9,610	9,143
Fee and commission income	3	9,489	8,678	8,005
Fee and commission expense	3	(1,082)	(970)	(828)
Net fee and commission income		8,407	7,708	7,177
Net trading income	4	1,329	3,759	3,614
Net investment income	4	680	1,216	962
Principal transactions		2,009	4,975	4,576
Net premiums from insurance contracts	5	1,090	1,011	1,060
Other income	6	377	188	214
Total income		23,352	23,492	22,170
Net claims and benefits incurred on insurance contracts	5	(237)	(492)	(575)
Total income net of insurance claims		23,115	23,000	21,595
Impairment charges and other credit provisions	7	(5,419)	(2,795)	(2,154)
Net income		17,696	20,205	19,441
Staff costs	8	(7,779)	(8,405)	(8,169)
Administration and general expenses	9	(5,666)	(4,141)	(3,914)
Depreciation of property, plant and equipment	23	(630)	(467)	(455)
Amortisation of intangible assets	22	(291)	(186)	(136)
Operating expenses		(14,366)	(13,199)	(12,674)
Share of post-tax results of associates and joint ventures	20	14	42	46
Profit on disposal of subsidiaries, associates and joint ventures	38	327	28	323
Gains on acquisitions	39	2,406	–	–
Profit before tax		6,077	7,076	7,136
Tax	10	(790)	(1,981)	(1,941)
Profit after tax		5,287	5,095	5,195
Profit attributable to minority interests	33	905	678	624
Profit attributable to equity holders of the parent		4,382	4,417	4,571
		5,287	5,095	5,195
		p	p	p
<b>Earnings per share</b>				
Basic earnings per share	11	59.3	68.9	71.9
Diluted earnings per share	11	57.5	66.7	69.8
Interim dividend per ordinary share		11.5	11.50	10.50
Proposed final dividend per ordinary share	1	–	22.50	20.50
		£m	£m	£m
Interim dividend paid		906	768	666
Proposed final dividend	1	–	1,485	1,307

The Board of Directors approved the accounts set out on pages 179 to 284 on 5th March 2009.

The accompanying notes form an integral part of the Consolidated accounts.

## Consolidated balance sheet

As at 31st December

	Notes	2008 £m	2007 £m
<b>Assets</b>			
Cash and balances at central banks		30,019	5,801
Items in the course of collection from other banks		1,695	1,836
Trading portfolio assets	12	185,637	193,691
Financial assets designated at fair value:			
– held on own account	13	54,542	56,629
– held in respect of linked liabilities to customers under investment contracts	13	66,657	90,851
Derivative financial instruments	14	984,802	248,088
Loans and advances to banks	15	47,707	40,120
Loans and advances to customers	15	461,815	345,398
Available for sale financial investments	16	64,976	43,072
Reverse repurchase agreements and cash collateral on securities borrowed	17	130,354	183,075
Other assets	18	6,302	5,150
Current tax assets		389	518
Investments in associates and joint ventures	20	341	377
Goodwill	21	7,625	7,014
Intangible assets	22	2,777	1,282
Property, plant and equipment	23	4,674	2,996
Deferred tax assets	19	2,668	1,463
<b>Total assets</b>		<b>2,052,980</b>	<b>1,227,361</b>
<b>Liabilities</b>			
Deposits from banks		114,910	90,546
Items in the course of collection due to other banks		1,635	1,792
Customer accounts		335,505	294,987
Trading portfolio liabilities	12	59,474	65,402
Financial liabilities designated at fair value	24	76,892	74,489
Liabilities to customers under investment contracts	13	69,183	92,639
Derivative financial instruments	14	968,072	248,288
Debt securities in issue		149,567	120,228
Repurchase agreements and cash collateral on securities lent	17	182,285	169,429
Other liabilities	25	12,640	10,499
Current tax liabilities		1,216	1,311
Insurance contract liabilities, including unit-linked liabilities	26	2,152	3,903
Subordinated liabilities	27	29,842	18,150
Deferred tax liabilities	19	304	855
Provisions	28	535	830
Retirement benefit liabilities	30	1,357	1,537
<b>Total liabilities</b>		<b>2,005,569</b>	<b>1,194,885</b>
<b>Shareholders' equity</b>			
Called up share capital	31	2,093	1,651
Share premium account	31	4,045	56
Other equity	31	3,652	–
Other reserves	32	2,793	874
Retained earnings	32	24,208	20,970
Less: treasury shares	32	(173)	(260)
<b>Shareholders' equity excluding minority interests</b>		<b>36,618</b>	<b>23,291</b>
Minority interests	33	10,793	9,185
<b>Total shareholders' equity</b>		<b>47,411</b>	<b>32,476</b>
<b>Total liabilities and shareholders' equity</b>		<b>2,052,980</b>	<b>1,227,361</b>

The accompanying notes form an integral part of the Consolidated accounts.

### Marcus Agius

Group Chairman

### John Varley

Group Chief Executive

### Christopher Lucas

Group Finance Director



# Consolidated statement of recognised income and expense

For the year ended 31st December

	2008 £m	2007 £m	2006 £m
<b>Available for sale reserve:</b>			
– Net (losses)/gains from changes in fair value	(1,741)	484	87
– Losses transferred to net profit due to impairment	382	13	86
– Net gains transferred to net profit on disposal	(209)	(563)	(327)
– Net (gains)/losses transferred to net profit due to fair value hedging	(2)	68	14
<b>Cash flow hedging reserve:</b>			
– Net gains/(losses) from changes in fair value	305	106	(437)
– Net losses/(gains) transferred to net profit	71	253	(50)
Currency translation differences	2,407	54	(781)
Tax	841	54	253
Other	(5)	22	25
Amounts included directly in equity	2,049	491	(1,130)
<b>Profit after tax</b>	<b>5,287</b>	<b>5,095</b>	<b>5,195</b>
<b>Total recognised income and expense for the year</b>	<b>7,336</b>	<b>5,586</b>	<b>4,065</b>
<b>Attributable to:</b>			
Equity holders of the parent	6,213	4,854	3,682
Minority interests	1,123	732	383
	<b>7,336</b>	<b>5,586</b>	<b>4,065</b>



## Consolidated cash flow statement

For the year ended 31st December

	2008 £m	2007 £m	2006 £m
<b>Reconciliation of profit before tax to net cash flows from operating activities:</b>			
<b>Profit before tax</b>	<b>6,077</b>	7,076	7,136
<b>Adjustment for non-cash items:</b>			
Allowance for impairment	5,419	2,795	2,154
Depreciation, amortisation and impairment of property, plant, equipment and intangibles	951	669	612
Other provisions, including pensions	804	753	558
Net profit from associates and joint ventures	(14)	(42)	(46)
Net profit on disposal of investments and property, plant and equipment	(371)	(862)	(778)
Net profit from disposal of associates and joint ventures	–	(26)	(263)
Net profit from disposal of subsidiaries	(327)	(2)	(60)
Net gains on acquisitions	(2,406)	–	–
Other non-cash movements	796	(1,133)	1,702
<b>Changes in operating assets and liabilities:</b>			
Net increase in loans and advances to banks and customers	(58,431)	(77,987)	(27,385)
Net increase in deposits and debt securities in issue	77,743	90,589	46,944
Net (increase)/decrease in derivative financial instruments	(17,529)	(2,144)	1,196
Net decrease/(increase) in trading portfolio assets	26,919	(18,227)	(18,323)
Net (decrease)/increase in trading liabilities	(5,928)	(6,472)	310
Net decrease/(increase) in financial investments	5,229	(4,379)	1,538
Net (increase)/decrease in other assets	(3,008)	1,299	(1,527)
Net decrease in other liabilities	(477)	(1,071)	(1,580)
<b>Tax paid</b>	<b>(1,731)</b>	(1,583)	(2,141)
<b>Net cash from operating activities</b>	<b>33,716</b>	(10,747)	10,047
Purchase of available for sale financial investments	(57,756)	(26,899)	(47,086)
Proceeds from sale or redemption of available for sale financial investments	51,429	38,423	46,069
Purchase of intangible assets	(687)	(263)	(212)
Purchase of property, plant and equipment	(1,720)	(1,241)	(654)
Proceeds from sale of property, plant and equipment	799	617	786
Acquisitions of subsidiaries, net of cash acquired	(961)	(270)	(248)
Disposal of subsidiaries, net of cash disposed	238	383	(15)
Increase in investment in subsidiaries	(157)	(668)	(432)
Decrease in investment in subsidiaries	19	57	44
Acquisition of associates and joint ventures	(96)	(220)	(162)
Disposal of associates and joint ventures	137	145	739
Other cash flows associated with investing activities	–	–	17
<b>Net cash from investing activities</b>	<b>(8,755)</b>	10,064	(1,154)
Dividends paid	(3,047)	(2,559)	(2,215)
Proceeds of borrowings and issuance of debt securities	5,763	4,625	2,493
Repayments of borrowings and redemption of debt securities	(1,207)	(683)	(366)
Net issue of shares and other equity instruments	9,493	2,494	179
Repurchase of shares and other equity instruments	(173)	(1,802)	–
Net disposal/(purchase) of treasury shares	87	(48)	(31)
Net issue of shares to minority interests	1,356	1,331	632
<b>Net cash from financing activities</b>	<b>12,272</b>	3,358	692
<b>Effect of exchange rates on cash and cash equivalents</b>	<b>(5,801)</b>	(550)	562
<b>Net increase in cash and cash equivalents</b>	<b>31,432</b>	2,125	10,147
Cash and cash equivalents at beginning of year	33,077	30,952	20,805
<b>Cash and cash equivalents at end of year</b>	<b>64,509</b>	33,077	30,952
<b>Cash and cash equivalents comprise:</b>			
Cash and balances at central banks	30,019	5,801	7,345
Loans and advances to banks	47,707	40,120	30,926
Less: non-cash amounts and amounts with original maturity greater than three months	(15,428)	(19,377)	(15,892)
	32,279	20,743	15,034
Available for sale treasury and other eligible bills	64,976	43,072	51,703
Less: non-cash and amounts with original maturity greater than three months	(62,876)	(41,688)	(50,684)
	2,100	1,384	1,019
Trading portfolio assets	185,637	193,691	177,867
Less: non-cash and amounts with original maturity greater than three months	(185,526)	(188,556)	(170,329)
	111	5,135	7,538
Other	–	14	16
	64,509	33,077	30,952

Interest received in 2008 was £41,017m (2007: £49,441m, 2006: £38,544m) and interest paid in 2008 was £38,975m (2007: £37,821m, 2006: £29,372m).

The Group is required to maintain balances with central banks and other regulatory authorities and these amounted to £1,050m at 31st December 2008 (2007: £1,037m).

## Parent company accounts

**Income statement**

For the year ended 31st December

	2008 £m	2007 £m	2006 £m
Dividends received from subsidiary	1,173	3,287	1,964
Interest income	7	4	4
Trading gain/(loss)	18	(13)	–
Other income	–	15	–
Management charge from subsidiary	(4)	(4)	(4)
Profit before tax	1,194	3,289	1,964
Tax	(1)	–	–
Profit after tax	1,193	3,289	1,964

The Company had no staff during the year (2007: nil, 2006: nil).

**Balance sheet**

As at 31st December

	Notes	2008 £m	2007 £m
<b>Assets</b>			
<b>Non-current assets</b>			
Investment in subsidiaries	40	15,340	10,391
<b>Current assets</b>			
Cash and balances at central banks		–	671
Other assets		3,851	20
<b>Total assets</b>		<b>19,191</b>	<b>11,082</b>
<b>Liabilities</b>			
<b>Current liabilities</b>			
Amounts payable within one year		1	1
<b>Shareholders' equity</b>			
Called up share capital	31	2,093	1,651
Share premium account	31	4,045	56
Other equity	31	3,652	–
Capital redemption reserve	32	394	384
Retained earnings	32	9,006	8,990
<b>Total shareholders' equity</b>		<b>19,190</b>	<b>11,081</b>
<b>Total liabilities and shareholders' equity</b>		<b>19,191</b>	<b>11,082</b>

The accompanying notes form an integral part of the accounts.

**Marcus Agius**

Group Chairman

**John Varley**

Group Chief Executive

**Christopher Lucas**

Group Finance Director

**Statement of recognised income and expense**  
**For the year ended 31st December**

	2008 £m	2007 £m	2006 £m
<b>Profit after tax</b>	<b>1,193</b>	3,289	1,964
<b>Total recognised income and expense for the year</b>	<b>1,193</b>	3,289	1,964

**Cash flow statement**
**For the year ended 31st December**

	2008 £m	2007 £m	2006 £m
<b>Reconciliation of profit before tax to net cash flows from operating activities:</b>			
<b>Profit before tax</b>	<b>1,194</b>	3,289	1,964
<b>Changes in operating assets and liabilities:</b>			
Net increase in other assets	(16)	(3)	(13)
Net decrease in other liabilities	–	(3)	–
<b>Net cash from operating activities</b>	<b>1,178</b>	3,283	1,951
Capital contribution to subsidiaries	(4,362)	(1,434)	–
Purchase of shares in subsidiaries	(16)	(316)	(179)
Liquidation of subsidiary	205	–	–
<b>Net cash used in investing activities</b>	<b>(4,173)</b>	(1,750)	(179)
Issue of shares and other equity instruments	4,911	2,494	179
Dividends paid	(2,414)	(2,129)	(1,814)
Repurchase of ordinary shares	(173)	(1,802)	–
<b>Net cash from financing activities</b>	<b>2,324</b>	(1,437)	(1,635)
<b>Net (decrease)/increase in cash and cash equivalents</b>	<b>(671)</b>	96	137
Cash and cash equivalents at beginning of year	671	575	438
<b>Cash and cash equivalents at end of year</b>	<b>–</b>	671	575
<b>Cash and cash equivalents comprise:</b>			
Cash and balances at central banks	–	671	575
Net cash from operating activities includes:			
Dividends received	1,173	3,287	1,964
Interest received	7	4	4

The parent company's main activity is to hold the investment in its wholly-owned subsidiary, Barclays Bank PLC.

The Company was not exposed at 31st December 2008 or 2007 to significant risks arising from the financial instruments it holds; which comprised cash, balances with central banks, and other assets which had no credit or market risk.

Dividends received are treated as operating income.

**Non-cash transactions**

During the year Barclays Bank PLC issued £4,050m of Mandatorily Convertible Notes, which mandatorily convert into ordinary shares of Barclays PLC on or before 30th June 2009. Barclays PLC has the right to receive the Notes in the future; the fair value of which has been included in other assets, with a corresponding increase net of issue costs in other equity.

The accompanying notes form an integral part of the accounts.

# Notes to the accounts

## For the year ended 31st December 2008

### 1 Dividends per share

As announced on 13th October 2008, the Board of Barclays has concluded that it would not be appropriate to recommend the payment of a final dividend for 2008. The final dividend for 2007 of £1,485m is accounted for in shareholders' equity as an appropriation of retained profits in the year ending 31st December 2008.

### 2 Net interest income

	2008 £m	2007 £m	2006 £m
Cash and balances with central banks	174	145	91
Available for sale investments	2,355	2,580	2,811
Loans and advances to banks	1,267	1,416	903
Loans and advances to customers	23,754	19,559	16,290
Other	460	1,608	1,710
<b>Interest income</b>	<b>28,010</b>	<b>25,308</b>	<b>21,805</b>
Deposits from banks	(2,189)	(2,720)	(2,819)
Customer accounts	(6,697)	(4,110)	(3,076)
Debt securities in issue	(5,910)	(6,651)	(5,282)
Subordinated liabilities	(1,349)	(878)	(777)
Other	(396)	(1,339)	(708)
<b>Interest expense</b>	<b>(16,541)</b>	<b>(15,698)</b>	<b>(12,662)</b>
<b>Net interest income</b>	<b>11,469</b>	<b>9,610</b>	<b>9,143</b>

Interest income includes £135m (2007: £113m, 2006: £98m) accrued on impaired loans.

Other interest income principally includes interest income relating to reverse repurchase agreements. Similarly, other interest expense principally includes interest expense relating to repurchase agreements and hedging activity.

Included in net interest income is hedge ineffectiveness as detailed in Note 14.

### 3 Net fee and commission income

	2008 £m	2007 £m	2006 £m
<b>Fee and commission income</b>			
Brokerage fees	87	109	70
Investment management fees	1,616	1,787	1,535
Securities lending	389	241	185
Banking and credit related fees and commissions	7,208	6,363	6,031
Foreign exchange commissions	189	178	184
<b>Fee and commission income</b>	<b>9,489</b>	<b>8,678</b>	<b>8,005</b>
<b>Fee and commission expense</b>	<b>(1,082)</b>	<b>(970)</b>	<b>(828)</b>
<b>Net fee and commission income</b>	<b>8,407</b>	<b>7,708</b>	<b>7,177</b>

## 4 Principal transactions

	2008 £m	2007 £m	2006 £m
Rates related business	4,751	4,162	2,848
Credit related business	(3,422)	(403)	766
<b>Net trading income</b>	<b>1,329</b>	<b>3,759</b>	<b>3,614</b>
Net gain from disposal of available for sale assets	212	560	307
Dividend income	196	26	15
Net gain from financial instruments designated at fair value	33	293	447
Other investment income	239	337	193
<b>Net investment income</b>	<b>680</b>	<b>1,216</b>	<b>962</b>
<b>Principal transactions</b>	<b>2,009</b>	<b>4,975</b>	<b>4,576</b>

Net trading income includes the profits and losses arising both on the purchase and sale of trading instruments and from the revaluation to fair value, together with the interest income earned from these instruments and the related funding cost.

Of the total net trading income, a £2,096m net loss (2007: £116m loss, 2006: £1,427m gain) was made on the purchase and sale of securities and the revaluation of both securities and derivatives. This included a £1,272m gain (2007: £640m, 2006: £480m) that was earned in foreign exchange dealings.

The net loss on financial assets designated at fair value included within principal transactions was £6,602m (2007: £78m gain, 2006: £489m gain) of which losses of £6,635m (2007: £215m loss, 2006: £42m gain) were included in net trading income and gains of £33m (2007: £293m, 2006: £447m) were included in net investment income.

The net gain on financial liabilities designated at fair value included within principal transactions was £3,328m (2007: £231m loss, 2006: £920m loss) all of which was included within net trading income.

Net trading income includes the net gain from widening of credit spreads relating to Barclays Capital issued structured notes held at fair value was £1,663m (2007: £658m, 2006: £nil).

## 5 Insurance premiums and insurance claims and benefits

	2008 £m	2007 £m	2006 £m
Gross premiums from insurance contracts	1,138	1,062	1,108
Premiums ceded to reinsurers	(48)	(51)	(48)
<b>Net premiums from insurance contracts</b>	<b>1,090</b>	<b>1,011</b>	<b>1,060</b>
	<b>2008 £m</b>	<b>2007 £m</b>	<b>2006 £m</b>
Gross claims and benefits incurred on insurance contracts	263	520	588
Reinsurers' share of claims incurred	(26)	(28)	(13)
<b>Net claims and benefits incurred on insurance contracts</b>	<b>237</b>	<b>492</b>	<b>575</b>

## 6 Other income

	2008 £m	2007 £m	2006 £m
(Decrease)/increase in fair value of assets held in respect of linked liabilities to customers under investment contracts	(10,422)	5,592	7,417
Decrease/(increase) in liabilities to customers under investment contracts	10,422	(5,592)	(7,417)
Property rentals	73	53	55
Other income	304	135	159
<b>Other income</b>	<b>377</b>	<b>188</b>	<b>214</b>

Included in other income are sub-lease rentals of £18m (2007: £18m, 2006: £18m), and in 2008 only is a £47m gain from the Visa IPO.

# Notes to the accounts

## For the year ended 31st December 2008

### 7 Impairment charges and other credit provisions

	2008 £m	2007 £m	2006 £m
<b>Impairment charges on loans and advances</b>			
– New and increased impairment allowances	5,116	2,871	2,722
– Releases	(358)	(338)	(389)
– Recoveries	(174)	(227)	(259)
Impairment charges on loans and advances	4,584	2,306	2,074
Charge/(release) in respect of provision for undrawn contractually committed facilities and guarantees provided	329	476	(6)
<b>Impairment charges on loans and advances and other credit provisions</b>	<b>4,913</b>	<b>2,782</b>	<b>2,068</b>
Impairment charges on re verse repurchase agreements	124	–	–
Impairment on available for sale assets	382	13	86
<b>Impairment charges and other credit provisions</b>	<b>5,419</b>	<b>2,795</b>	<b>2,154</b>

An analysis of the impairment charges by class of financial instrument is included in Note 47.

### 8 Staff costs

	2008 £m	2007 £m	2006 £m
Salaries and accrued incentive payments	6,273	6,993	6,635
Social security costs	464	508	502
Pension costs – defined contribution plans	237	141	128
Pension costs – defined benefit plans (Note 30)	89	150	282
Other post-retirement benefits (Note 30)	1	10	30
Other	715	603	592
<b>Staff costs</b>	<b>7,779</b>	<b>8,405</b>	<b>8,169</b>

Included in salaries and incentive payments is £257m (2007: £551m, 2006: £640m) arising from equity settled share-based payments, of which £23m (2007: £60m, 2006: £78m) is a charge related to options-based schemes. Also included is £3m (2007: £8m, 2006: £6m) arising from cash settled share-based payments.

The average number of persons employed by the Group worldwide during the year was 151,500 (2007: 128,900, 2006: 118,600).

### 9 Administration and general expenses

	2008 £m	2007 £m	2006 £m
Administrative expenses	5,153	3,978	3,980
Impairment charges/(releases)			
– property and equipment (Note 23)	33	2	14
– intangible assets (Note 22)	(3)	14	7
– goodwill (Note 21)	111	–	–
Operating lease rentals	520	414	345
Gain on property disposals	(148)	(267)	(432)
Administration and general expenses	5,666	4,141	3,914

### Auditors' remuneration

	2008				Total £m
	Audit £m	Audit related £m	Taxation services £m	Other services £m	
<b>Audit of the Group's annual accounts</b>	12	–	–	–	12
<b>Other services:</b>					
Fees payable for the audit of the Company's associates pursuant to legislation	20	–	–	–	20
Other services supplied pursuant to such legislation	–	2	–	–	2
Other services relating to taxation	–	–	10	–	10
Services relating to corporate finance transactions entered into or proposed to be entered into by or on behalf of the Company or any of its associates	–	–	–	3	3
Other	–	4	–	1	5
<b>Total auditors' remuneration</b>	<b>32</b>	<b>6</b>	<b>10</b>	<b>4</b>	<b>52</b>



## 9 Administration and general expenses (continued)

	2007				Total £m
	Audit related £m	Audit related £m	Taxation services £m	Other services £m	
<b>Audit of the Group's annual accounts</b>	7	–	–	–	7
<b>Other services:</b>					
Fees payable for the audit of the Company's associates pursuant to legislation	12	–	–	–	12
Other services supplied pursuant to such legislation	6	2	–	–	8
Other services relating to taxation	–	–	8	–	8
Services relating to corporate finance transactions entered into or proposed to be entered into by or on behalf of the Company or any of its associates	–	–	–	5	5
Other	–	2	–	2	4
<b>Total auditors' remuneration</b>	<b>25</b>	<b>4</b>	<b>8</b>	<b>7</b>	<b>44</b>
	2006				Total £m
	Audit related £m	Audit related £m	Taxation services £m	Other services £m	
<b>Audit of the Group's annual accounts</b>	7	–	–	–	7
<b>Other services:</b>					
Fees payable for the audit of the Company's associates pursuant to legislation	11	–	–	–	11
Other services supplied pursuant to such legislation	10	1	–	–	11
Other services relating to taxation	–	–	6	–	6
Services relating to corporate finance transactions entered into or proposed to be entered into by or on behalf of the Company or any of its associates	–	–	–	4	4
Other	–	4	–	1	5
<b>Total auditors' remuneration</b>	<b>28</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>44</b>

The figures shown in the above table relate to fees paid to PricewaterhouseCoopers LLP and its associates. Fees paid to other auditors not associated with PricewaterhouseCoopers LLP in respect of the audit of the Company's subsidiaries were £3m (2007: £2m, 2006: £2m).

Fees payable for the audit of the Company's associates pursuant to legislation comprise the fees for the statutory audit of the subsidiaries and associated pension schemes both inside and outside Great Britain and fees for the work performed by the associates of PricewaterhouseCoopers LLP in respect of the consolidated financial statements of the Company. The fees relating to the audit of the associated pension schemes were £0.2m (2007: £0.3m, 2006: £0.3m).

Other services supplied pursuant to such legislation comprise services in relation to statutory and regulatory filings. These include audit services for the review of the interim financial information under the Listing Rules of the UK listing authority and fees paid for reporting under Section 404 of the US Sarbanes-Oxley Act (Section 404). In 2008 fees paid for reporting under section 404 are not separately identifiable from the fees of the audit of the Group's annual accounts and the Company's associates. In addition, other services include Section 404 advisory, reporting accountant work for capital raising, securitisations and services relating to acquisition activities.

Taxation services include compliance services such as tax return preparation and advisory services such as consultation on tax matters, tax advice relating to transactions and other tax planning and advice.

Services relating to corporate finance transactions comprise due diligence related to transactions and other work in connection with such transactions.

## 10 Tax

The charge for tax is based upon the UK corporation tax rate of 28.5% (2007: 30%, 2006: 30%) and comprises:

	2008 £m	2007 £m	2006 £m
<b>Current tax charge/(credit)</b>			
Current year	1,563	2,385	1,929
Adjustment for prior years	97	(11)	8
	<b>1,660</b>	<b>2,374</b>	<b>1,937</b>
<b>Deferred tax (credit)/charge</b>			
Current year	(597)	(367)	(16)
Adjustment for prior years	(273)	(26)	20
	<b>(870)</b>	<b>(393)</b>	<b>4</b>
<b>Total charge/(credit)</b>	<b>790</b>	<b>1,981</b>	<b>1,941</b>

# Notes to the accounts

## For the year ended 31st December 2008

### 10 Tax (continued)

The effective tax rate for the years 2008, 2007 and 2006 is lower than the standard rate of corporation tax in the UK of 28.5% (2007: 30%, 2006: 30%). The differences are set out below:

	2008	2007	2006
	£m	£m	£m
<b>Profit before tax</b>	<b>6,077</b>	7,076	7,136
Tax charge at standard UK corporation tax rate of 28.5% (2007: 30%, 2006: 30%)	1,732	2,123	2,141
Adjustment for prior years	(176)	(37)	24
Differing overseas tax rates	215	(77)	(17)
Non-taxable gains and income (including amounts offset by unrecognised tax losses)	(833)	(136)	(393)
Share-based payments	229	72	27
Deferred tax assets not previously recognised	(514)	(158)	(4)
Change in tax rates	(1)	24	4
Other non-allowable expenses	138	170	159
<b>Overall tax charge</b>	<b>790</b>	1,981	1,941
<b>Effective tax rate</b>	<b>13%</b>	28%	27%

The effective rate of tax for 2008, based on profit before tax, was 13% (2007: 28%). The effective tax rate differs from the 2007 effective rate and the UK corporation tax rate of 28.5% principally due to the Lehman Brothers North American businesses acquisition. Under IFRS the gain on acquisition of £2,262m is calculated net of deferred tax liabilities included in the acquisition balance sheet and is thus not subject to further tax in calculating the tax charge for the year. Furthermore, Barclays has tax losses previously unrecognised as a deferred tax asset but capable of sheltering part of this deferred tax liability. This gives rise to a tax benefit of £492m which, in accordance with IAS 12, is included as a credit within the tax charge for the year. The effective rate has been adversely impacted by the effect of the fall in the Barclays share price on the deferred tax asset recognised on share awards. In common with prior years there have been offsetting adjustments relating to different overseas tax rates, disallowable expenditure and non taxable gains and income.

### 11 Earnings per share

	2008	2007	2006
	£m	£m	£m
Profit attributable to equity holders of parent	4,382	4,417	4,571
Dilutive impact of convertible options	(24)	(25)	(30)
<b>Profit attributable to equity holders of parent including dilutive impact of convertible options</b>	<b>4,358</b>	4,392	4,541

	2008	2007	2006
	million	million	million
Basic weighted average number of shares in issue	7,389	6,410	6,357
Number of potential ordinary shares	188	177	150
<b>Diluted weighted average number of shares</b>	<b>7,577</b>	6,587	6,507

	p	p	p
Basic earnings per share	59.3	68.9	71.9
Diluted earnings per share	57.5	66.7	69.8

The calculation of basic earnings per share is based on the profit attributable to equity holders of the parent and the number of basic weighted average number of shares excluding own shares held in employee benefits trusts and shares held for trading.

The basic and diluted weighted average number of shares in issue in the year ended 31st December 2008 reflects 1,802 million shares issued during the year and the 2,642 million shares that will be issued following conversion in full of the Mandatorily Convertible Notes, included from the date of issue and the date the contract was entered into respectively. As a result, the weighted average number of shares in issue in the year ended 31st December 2008 was increased by 1,034 million shares as a result of this increase.

When calculating the diluted earnings per share, the profit attributable to equity holders of the parent is adjusted for the conversion of outstanding options into shares within Absa Group Limited and Barclays Global Investors UK Holdings Limited. The weighted average number of ordinary shares excluding own shares held in employee benefit trusts and shares held for trading, is adjusted for the effects of all dilutive potential ordinary shares, totalling 188 million (2007: 177 million, 2006: 150 million).

Of the total number of employee share options and share awards at 31st December 2008, 64 million were anti-dilutive (2007: nil, 2006: 5 million).

Subsequent to the balance sheet date, the Group continued to make on-market purchases of treasury shares under its various employee share schemes. No adjustment has been made to earnings per share in respect of these purchases.



## 12 Trading portfolio

	2008 £m	2007 £m
<b>Trading portfolio assets</b>		
Treasury and other eligible bills	4,544	2,094
Debt securities	148,686	152,778
Equity securities	30,535	36,307
Traded loans	1,070	1,780
Commodities	802	732
<b>Trading portfolio assets</b>	<b>185,637</b>	<b>193,691</b>
<b>Trading portfolio liabilities</b>		
Treasury and other eligible bills	(79)	(486)
Debt securities	(44,309)	(50,506)
Equity securities	(14,919)	(13,702)
Commodities	(167)	(708)
<b>Trading portfolio liabilities</b>	<b>(59,474)</b>	<b>(65,402)</b>

## 13 Financial assets designated at fair value

## Held on own account

	2008 £m	2007 £m
Loans and advances	30,187	23,491
Debt securities	8,628	24,217
Equity securities	6,496	5,376
Other financial assets	9,231	3,545
<b>Financial assets designated at fair value – held on own account</b>	<b>54,542</b>	<b>56,629</b>

The maximum exposure to credit risk on loans and advances designated at fair value at 31st December 2008 was £30,187m (2007: £23,491m). The amount by which related credit derivatives and similar instruments mitigate the exposure to credit risk at 31st December was £2,084m (2007: £2,605m).

The net loss attributable to changes in credit risk for loans and advances designated at fair value was £2,550m in 2008 (2007: £401m). The gains on related credit derivatives was £519m for the year (2007: £4m loss).

The cumulative net loss attributable to changes in credit risk for loans and advances designated at fair value since initial recognition is £2,149m at 31st December 2008 (2007: £401m). The cumulative change in fair value of related credit derivatives at 31st December 2008 is £523m (2007: £4m).

## Held in respect of linked liabilities to customers under investment contracts/liabilities arising from investment contracts

	2008 £m	2007 £m
Financial assets designated at fair value held in respect of linked liabilities to customers under investment contracts	66,657	90,851
Cash and bank balances within the portfolio	2,526	1,788
<b>Assets held in respect of linked liabilities to customers under investment contracts</b>	<b>69,183</b>	<b>92,639</b>
<b>Liabilities to customers under investment contracts</b>	<b>(69,183)</b>	<b>(92,639)</b>

A portion of the Group's fund management business takes the legal form of investment contracts, under which legal title to the underlying investment is held by the Group, but the inherent risks and rewards in the investments are borne by the investors. In the normal course of business, the Group's financial interest in such investments is restricted to fees for investment management services.

Due to the nature of these contracts, the carrying value of the assets is always the same as the value of the liabilities and any change in the value of the assets results in an equal but opposite change in the value of the amounts due to the policyholders.

The Group is therefore not exposed to the financial risks – market risk, credit risk and liquidity risk – inherent in the investments and they are omitted from the disclosures on financial risks in Notes 47 to 49.

In the balance sheet, the assets are included as 'Financial assets designated at fair value – held in respect of linked liabilities to customers under investment contracts'. Cash balances within the portfolio have been included in the Group's cash balances. The associated obligation to deliver the value of the investments to customers at their fair value on balance sheet date is included as 'Liabilities to customers under investment contracts'.

The increase/decrease in the value arising from the return on the investments and the corresponding increase/decrease in linked liabilities to customers is included in the Other income note in Note 6.

# Notes to the accounts

## For the year ended 31st December 2008

### 14 Derivative financial instruments

The Group's objectives and policies on managing the risks that arise in connection with derivatives, including the policies for hedging, are included in Note 46 to Note 49.

The fair values and notional amounts of derivative instruments held for trading are set out in the following table:

Year ended 31st December	2008			2007		
	Notional contract amount	Fair value		Notional contract amount	Fair value	
Derivatives held for trading	£m	Assets £m	Liabilities £m	£m	Assets £m	Liabilities £m
<b>Foreign exchange derivatives</b>						
Forward foreign exchange	1,374,108	44,631	(46,371)	1,041,781	11,381	(11,629)
Currency swaps	828,983	47,077	(53,116)	562,682	15,617	(14,676)
OTC options bought and sold	426,739	15,405	(14,331)	464,575	3,350	(3,995)
<b>OTC derivatives</b>	<b>2,629,830</b>	<b>107,113</b>	<b>(113,818)</b>	<b>2,069,038</b>	<b>30,348</b>	<b>(30,300)</b>
Exchange traded futures – bought and sold	8,008	–	–	139,199	–	–
Exchange traded options – bought and sold	1,295	–	–	132	–	–
<b>Foreign exchange derivatives</b>	<b>2,639,133</b>	<b>107,113</b>	<b>(113,818)</b>	<b>2,208,369</b>	<b>30,348</b>	<b>(30,300)</b>
<b>Interest rate derivatives</b>						
Interest rate swaps	17,624,591	498,661	(496,292)	11,758,215	111,746	(110,680)
Forward rate agreements	4,377,619	8,853	(8,224)	1,960,106	755	(738)
OTC options bought and sold	5,598,960	105,743	(101,005)	3,776,600	27,337	(26,944)
<b>OTC derivatives</b>	<b>27,601,170</b>	<b>613,257</b>	<b>(605,521)</b>	<b>17,494,921</b>	<b>139,838</b>	<b>(138,362)</b>
Exchange traded futures – bought and sold	586,312	–	–	903,516	–	–
Exchange traded options – bought and sold	276,752	–	–	269,095	102	(64)
Exchange traded swaps	9,411,001	–	–	4,941,417	–	–
<b>Interest rate derivatives</b>	<b>37,875,235</b>	<b>613,257</b>	<b>(605,521)</b>	<b>23,608,949</b>	<b>139,940</b>	<b>(138,426)</b>
<b>Credit derivatives</b>						
Swaps	4,129,244	184,072	(170,011)	2,472,249	38,696	(35,814)
<b>Equity and stock index derivatives</b>						
OTC options bought and sold	180,157	19,576	(19,998)	145,399	11,293	(15,743)
Equity swaps and forwards	51,267	3,432	(2,819)	36,149	1,057	(1,193)
<b>OTC derivatives</b>	<b>231,424</b>	<b>23,008</b>	<b>(22,817)</b>	<b>181,548</b>	<b>12,350</b>	<b>(16,936)</b>
Exchange traded futures – bought and sold	38,340	–	–	31,519	–	–
Exchange traded options – bought and sold	121,712	5,551	(3,109)	30,930	848	(2,200)
<b>Equity and stock index derivatives</b>	<b>391,476</b>	<b>28,559</b>	<b>(25,926)</b>	<b>243,997</b>	<b>13,198</b>	<b>(19,136)</b>
<b>Commodity derivatives</b>						
OTC options bought and sold	78,680	6,565	(10,261)	95,032	4,496	(4,720)
Commodity swaps and forwards	407,015	38,316	(35,556)	276,102	19,075	(18,039)
<b>OTC derivatives</b>	<b>485,695</b>	<b>44,881</b>	<b>(45,817)</b>	<b>371,134</b>	<b>23,571</b>	<b>(22,759)</b>
Exchange traded futures – bought and sold	165,564	3,953	(2,745)	228,465	–	–
Exchange traded options – bought and sold	54,435	161	(233)	66,732	1,197	(943)
<b>Commodity derivatives</b>	<b>705,694</b>	<b>48,995</b>	<b>(48,795)</b>	<b>666,331</b>	<b>24,768</b>	<b>(23,702)</b>
<b>Derivative assets/(liabilities) held for trading</b>	<b>45,740,782</b>	<b>981,996</b>	<b>(964,071)</b>	<b>29,199,895</b>	<b>246,950</b>	<b>(247,378)</b>

## 14 Derivative financial instruments (continued)

The fair values and notional amounts of derivative instruments held for risk management are set out in the following table:

	2008			2007		
	Notional contract amount £m	Fair value		Notional contract amount £m	Fair value	
		Assets £m	Liabilities £m		Assets £m	Liabilities £m
<b>Year ended 31st December</b>						
<b>Derivatives held for risk management</b>						
<b>Derivatives designated as cash flow hedges</b>						
Currency swaps	586	–	(271)	–	–	–
Interest rate swaps	60,669	1,013	(1,011)	38,453	239	(437)
Equity options	400	–	(154)	54	41	–
Forward foreign exchange	1,871	309	(354)	2,256	178	–
Exchange traded interest rate swaps	20,028	–	–	14,529	–	–
<b>Derivatives designated as cash flow hedges</b>	<b>83,554</b>	<b>1,322</b>	<b>(1,790)</b>	<b>55,292</b>	<b>458</b>	<b>(437)</b>
<b>Derivatives designated as fair value hedges</b>						
Currency swaps	2,666	283	(105)	4,299	81	(75)
Interest rate swaps	14,010	1,052	(357)	18,450	323	(195)
Equity options	259	124	(110)	1,203	58	(58)
Exchange traded interest rate swaps	18,767	–	–	–	–	–
<b>Derivatives designated as fair value hedges</b>	<b>35,702</b>	<b>1,459</b>	<b>(572)</b>	<b>23,952</b>	<b>462</b>	<b>(328)</b>
<b>Derivatives designated as hedges of net investments</b>						
Forward foreign exchange	2,019	4	(76)	4,223	31	(57)
Currency swaps	3,675	21	(1,563)	8,397	187	(88)
<b>Derivatives designated as hedges of net investment</b>	<b>5,694</b>	<b>25</b>	<b>(1,639)</b>	<b>12,620</b>	<b>218</b>	<b>(145)</b>
<b>Derivative assets/(liabilities) held for risk management</b>	<b>124,950</b>	<b>2,806</b>	<b>(4,001)</b>	<b>91,864</b>	<b>1,138</b>	<b>(910)</b>

Interest rate derivatives, designated as cash flow hedges, primarily hedge the exposure to cash flow variability from interest rates of variable rate loans to banks and customers, variable rate debt securities held and highly probable forecast financing transactions and reinvestments.

Interest rate derivatives designated as fair value hedges primarily hedge the interest rate risk of fixed rate borrowings in issue, fixed rate loans to banks and customers and investments in fixed rate debt securities held.

Currency derivatives are primarily designated as hedges of the foreign currency risk of net investments in foreign operations.

The Group's total derivative asset and liability position as reported on the balance sheet is as follows:

	2008			2007		
	Notional contract amount £m	Fair value		Notional contract amount £m	Fair value	
		Assets £m	Liabilities £m		Assets £m	Liabilities £m
<b>Year ended 31st December</b>						
Total derivative assets/(liabilities) held for trading	45,740,782	981,996	(964,071)	29,199,895	246,950	(247,378)
Total derivative assets/(liabilities) held for risk management	124,950	2,806	(4,001)	91,864	1,138	(910)
<b>Derivative assets/(liabilities)</b>	<b>45,865,732</b>	<b>984,802</b>	<b>(968,072)</b>	<b>29,291,759</b>	<b>248,088</b>	<b>(248,288)</b>

Derivative assets and liabilities subject to counterparty netting agreements amounted to £862bn (2007: £199bn). Additionally, the Group held £55bn (2007: £17bn) of collateral against the net derivative assets exposure.

# Notes to the accounts

## For the year ended 31st December 2008

### 14 Derivative financial instruments (continued)

The Group has hedged the following forecast cash flows, which primarily vary with interest rates. These cash flows are expected to impact the income statement in the following periods, excluding any hedge adjustments that may be applied:

	2008						
	Total £m	Up to one year £m	Between one to two years £m	Between two to three years £m	Between three to four years £m	Between four to five years £m	More than five years £m
Forecast receivable cash flows	2,569	875	586	596	347	127	38
Forecast payable cash flows	974	275	166	175	145	123	90

	2007						
	Total £m	Up to one year £m	Between one to two years £m	Between two to three years £m	Between three to four years £m	Between four to five years £m	More than five years £m
Forecast receivable cash flows	4,329	1,593	987	903	535	254	57
Forecast payable cash flows	2,121	394	369	335	283	244	496

The maximum length of time over which the Group hedges exposure to the variability in future cash flows for forecast transactions, excluding those forecast transactions related to the payment of variable interest on existing financial instruments, is seven years (2007: ten years).

All gains or losses on hedging derivatives relating to forecast transactions, which are no longer expected to occur, have been recycled to the income statement.

A gain of £2,439m on hedging instruments was recognised in relation to fair value hedges in net interest income (2007: £66m loss). A loss of £2,423m on the hedged items was recognised in relation to fair value hedges in net interest income (2007: £70m gain).

Ineffectiveness recognised in relation to cash flow hedges in net interest income was a gain of £14m (2007: £21m). Ineffectiveness recognised in relation to hedges of net investment was a gain of £2m (2007: £4m).

### 15 Loans and advances to banks and customers

	2008 £m	2007 £m
Gross loans and advances to banks	47,758	40,123
Less: Allowance for impairment	(51)	(3)
<b>Loans and advances to banks</b>	<b>47,707</b>	<b>40,120</b>
Gross loans and advances to customers	468,338	349,167
Less: Allowance for impairment	(6,523)	(3,769)
<b>Loans and advances to customers</b>	<b>461,815</b>	<b>345,398</b>

## 16 Available for sale financial investments

	2008 £m	2007 £m
Debt securities	58,831	38,673
Treasury bills and other eligible bills	4,003	2,723
Equity securities	2,142	1,676
<b>Available for sale financial investments</b>	<b>64,976</b>	<b>43,072</b>

	2008 £m	2007 £m
<b>Movement in available for sale financial investments</b>		
<b>At beginning of year</b>	<b>43,072</b>	<b>51,703</b>
Exchange and other adjustments	14,275	1,499
Acquisitions and transfers	59,703	26,920
Disposals (through sale and redemption)	(50,501)	(37,498)
(Losses)/gains from changes in fair value recognised in equity	(1,174)	486
Impairment	(382)	(13)
Amortisation of discounts/premium	(17)	(25)
<b>At end of year</b>	<b>64,976</b>	<b>43,072</b>

## 17 Securities borrowing, securities lending, repurchase and reverse repurchase agreements

Amounts included in the balance sheet and reported on a net basis where the Group has the intention and the legal ability to settle net or realise simultaneously were as follows:

## (a) Reverse repurchase agreements and cash collateral on securities borrowed

Amounts advanced to counterparties under reverse repurchase agreements and cash collateral provided under stock borrowing agreements are treated as collateralised loans receivable. The related securities purchased or borrowed subject to an agreement with the counterparty to repurchase them are not recognised on balance sheet where the risks and rewards of ownership remain with the counterparty.

	2008 £m	2007 £m
Banks	55,471	86,710
Customers	74,883	96,365
<b>Reverse repurchase agreements and cash collateral held on securities borrowed</b>	<b>130,354</b>	<b>183,075</b>

## (b) Repurchase agreements and cash collateral on securities lent

Securities that are not recorded on the balance sheet (for example, securities that have been obtained as a result of reverse repurchase and stock borrow transactions) may also be lent or sold subject to a commitment to repurchase – such securities remain off-balance sheet. In both instances, amounts received from counterparty are treated as liabilities, which at 31st December were as follows:

	2008 £m	2007 £m
Banks	87,403	97,297
Customers	94,882	72,132
<b>Repurchase agreements and cash collateral on securities lent</b>	<b>182,285</b>	<b>169,429</b>

## 18 Other assets

	2008 £m	2007 £m
Sundry debtors	4,814	4,042
Prepayments	882	551
Accrued income	483	400
Reinsurance assets	123	157
<b>Other assets</b>	<b>6,302</b>	<b>5,150</b>

Included in the above are balances of £4,704m (2007: £3,859m) expected to be recovered within no more than 12 months after the balance sheet date; and balances of £1,598m (2007: £1,291m) expected to be recovered more than 12 months after the balance sheet date.

Other assets include £3,096m (2007: £3,966m) of receivables which meet the definition of financial assets.



# Notes to the accounts

## For the year ended 31st December 2008

### 19 Deferred tax

The components of deferred taxes disclosed on the balance sheet are as follows:

	2008	2007
	£m	£m
Deferred tax liability	304	855
Deferred tax asset	2,668	1,463
Net deferred tax	2,364	608

Deferred taxes are calculated on all temporary differences under the liability method. The movement on the deferred tax account is as follows:

	Fixed asset timing differences £m	Available for sale investments £m	Cash flow hedges £m	Pensions and other retirement benefits £m	Allowance for impairment on loans £m	Other provisions £m	Tax losses carried forward £m	Share based payments £m	Other £m	Total £m
Liabilities	(803)	(101)	(51)	–	–	–	–	–	(771)	(1,726)
Assets	–	–	44	491	108	377	215	428	671	2,334
<b>At 1st January 2008</b>	<b>(803)</b>	<b>(101)</b>	<b>(7)</b>	<b>491</b>	<b>108</b>	<b>377</b>	<b>215</b>	<b>428</b>	<b>(100)</b>	<b>608</b>
Income statement	124	8	5	(90)	223	(10)	598	(215)	227	870
Equity	–	103	(161)	–	–	–	750	(33)	(13)	646
Acquisitions and disposals	(195)	–	–	–	–	56	–	75	(211)	(275)
Exchange and other adjustments	16	1	41	2	25	109	96	87	138	515
	<b>(858)</b>	<b>11</b>	<b>(122)</b>	<b>403</b>	<b>356</b>	<b>532</b>	<b>1,659</b>	<b>342</b>	<b>41</b>	<b>2,364</b>
Liabilities	(945)	(46)	(368)	–	–	–	–	–	(1,075)	(2,434)
Assets	87	57	246	403	356	532	1,659	342	1,116	4,798
<b>At 31st December 2008</b>	<b>(858)</b>	<b>11</b>	<b>(122)</b>	<b>403</b>	<b>356</b>	<b>532</b>	<b>1,659</b>	<b>342</b>	<b>41</b>	<b>2,364</b>
Liabilities	(705)	(116)	–	–	–	–	–	–	(702)	(1,523)
Assets	–	–	91	622	69	436	1	380	406	2,005
<b>At 1st January 2007</b>	<b>(705)</b>	<b>(116)</b>	<b>91</b>	<b>622</b>	<b>69</b>	<b>436</b>	<b>1</b>	<b>380</b>	<b>(296)</b>	<b>482</b>
Income statement	(118)	1	(96)	28	165	214	–	100	99	393
Equity	–	13	(132)	–	–	–	–	(63)	(125)	(307)
Acquisitions and disposals	–	–	–	–	–	45	–	–	(12)	33
Exchange and other adjustments	20	1	34	(35)	11	(269)	–	11	234	7
	<b>(803)</b>	<b>(101)</b>	<b>(7)</b>	<b>491</b>	<b>108</b>	<b>377</b>	<b>215</b>	<b>428</b>	<b>(100)</b>	<b>608</b>
Liabilities	(803)	(101)	(51)	–	–	–	–	–	(771)	(1,726)
Assets	–	–	44	491	108	377	215	428	671	2,334
<b>At 31st December 2007</b>	<b>(803)</b>	<b>(101)</b>	<b>(7)</b>	<b>491</b>	<b>108</b>	<b>377</b>	<b>215</b>	<b>428</b>	<b>(100)</b>	<b>608</b>

The amount of deferred tax liability expected to be settled after more than 12 months is £1,949m (2007: £1,468m).

The amount of deferred tax asset expected to be recovered after more than 12 months is £4,593m (2007: £1,950m).

The deferred tax assets balance includes £2,139m (2007: £450m) which is the excess deferred tax assets over deferred tax liabilities in entities which have suffered a loss in either the current or prior year. This is based on management assessment that it is probable that the relevant entities will have taxable profits against which the temporary differences can be utilised.

Deferred tax assets have not been recognised in respect of deductible temporary differences (gross) £9m (2007: £247m), unused tax losses (gross) of £4,083m (2007: £1,683m) and unused tax credits of £46m (2007: £126m). The following tax losses expire: £3,854m in 2028. The other tax losses, tax credits and temporary differences do not expire under current tax legislation. Deferred tax assets have not been recognised in respect of these items because it is not probable that future taxable profit will be available against which the Group can utilise benefits. The unused tax losses include amounts relating to non-UK branches of Barclays Bank PLC where the future tax benefit might be restricted to the amount in excess of the UK rate.

The amount of temporary differences associated with investments in subsidiaries, branches, associates and joint ventures for which deferred tax liabilities have not been recognised is £8,429m (2007: £5,722m).

## 20 Investments in associates and joint ventures

Share of net assets

	Associates		Joint ventures		Total	
	2008 £m	2007 £m	2008 £m	2007 £m	2008 £m	2007 £m
<b>At beginning of year</b>	<b>90</b>	<b>74</b>	<b>287</b>	<b>154</b>	<b>377</b>	<b>228</b>
Share of results before tax	25	35	(6)	10	19	45
Share of tax	(3)	(2)	(2)	(1)	(5)	(3)
Share of post-tax results	22	33	(8)	9	14	42
New investments	6	7	27	8	33	15
Acquisitions	62	56	1	150	63	206
Disposals	(20)	(47)	(117)	(72)	(137)	(119)
Exchange and other adjustments	15	(33)	(24)	38	(9)	5
<b>At end of year</b>	<b>175</b>	<b>90</b>	<b>166</b>	<b>287</b>	<b>341</b>	<b>377</b>

Goodwill included above:

	Associates		Joint ventures		Total	
	2008 £m	2007 £m	2008 £m	2007 £m	2008 £m	2007 £m
<b>Cost</b>						
<b>At beginning of year</b>	–	1	27	40	27	41
Disposals	–	(1)	–	(16)	–	(17)
Exchange and other adjustments	–	–	4	3	4	3
<b>At end of year</b>	–	–	31	27	31	27

The Group has investments in two associates listed on the Johannesburg Stock Exchange. The fair value of the Group's investment in Ambit Properties Limited is £51m (2007: £42m) and in Pinnacle Point Group Limited, acquired during 2008, is £60m.

## Acquisitions of joint ventures and associates

During the year the Group made additional investments in associates and joint ventures for aggregate cash consideration of £96m (2007: £221m), including new associates and joint ventures amounting to £63m (2007: £206m) primarily relating to Pinnacle Point Group Limited.

Summarised financial information for the Group's associates and joint ventures is set out below:

	2008		2007	
	Associates £m	Joint ventures £m	Associates £m	Joint ventures £m
Property, plant and equipment	788	104	588	632
Financial investments	124	–	239	8
Loans to banks and customers	271	2,883	516	2,372
Other assets	1,343	418	1,387	314
<b>Total assets</b>	<b>2,526</b>	<b>3,405</b>	<b>2,730</b>	<b>3,326</b>
Deposits from banks and customers	1,376	2,207	1,515	2,189
Other liabilities	985	890	902	458
Shareholders' equity	165	308	313	679
<b>Total liabilities</b>	<b>2,526</b>	<b>3,405</b>	<b>2,730</b>	<b>3,326</b>
<b>Net income</b>	<b>859</b>	<b>357</b>	<b>528</b>	<b>340</b>
<b>Operating expenses</b>	<b>(732)</b>	<b>(364)</b>	<b>(404)</b>	<b>(292)</b>
<b>Profit/(loss) before tax</b>	<b>127</b>	<b>(7)</b>	<b>124</b>	<b>48</b>
<b>Profit/(loss) after tax</b>	<b>52</b>	<b>(11)</b>	<b>104</b>	<b>40</b>

The amounts included above, which include the entire assets, liabilities and net income of the investees, not just the Group's share, are based on accounts made up to 31st December 2008 with the exception of certain undertakings for which the amounts are based on accounts made up to dates not earlier than three months before the balance sheet date.

Associates and joint ventures in 2008 includes £1,651m (2007: £1,728m) of assets, £1,525m (2007: £1,537m) of liabilities and £9m (2007: £18m) of profit after tax in associates and joint ventures within the Absa Group.

The Group's share of commitments and contingencies of its associates and joint ventures is £nil (2007: £6m).

# Notes to the accounts

## For the year ended 31st December 2008

### 21 Goodwill

	2008	2007
	£m	£m
<b>Net book value</b>		
<b>At beginning of year</b>	<b>7,014</b>	6,092
Acquisitions	400	879
Disposals	(10)	(17)
Impairment charge	(111)	–
Exchange and other adjustments	332	60
<b>At end of year</b>	<b>7,625</b>	7,014

Goodwill is allocated to business operations according to business segments identified by the Group under IFRS 8, as follows:

	2008	2007
	£m	£m
UK Retail Banking	3,139	3,138
Barclays Commercial Bank	10	9
Barclaycard	413	408
GRCB – Western Europe	705	551
GRCB – Emerging Markets	292	45
GRCB – Absa	1,084	1,062
Barclays Capital	95	147
Barclays Global Investors	1,496	1,261
Barclays Wealth	391	393
<b>Goodwill</b>	<b>7,625</b>	7,014

Goodwill is reviewed annually for impairment, or more frequently when there are indicators that impairment may have occurred, by comparing the carrying value to its recoverable amount.

#### Impairment testing of goodwill

The recoverable amount of each operation's goodwill is based on value-in-use or fair value less costs to sell calculations. The calculations are based upon discounting expected pre-tax cash flows at a risk adjusted interest rate appropriate to the cash generating unit, the determination of both of which requires the exercise of judgement. The estimation of pre-tax cash flows is sensitive to the periods for which forecasts are available and to assumptions regarding the long-term sustainable cash flows. While forecasts are compared with actual performance and external economic data, expected cash flows naturally reflect management's view of future performance.

At 31st December 2008, the goodwill allocated to UK Retail Banking was £3,139m (2007: £3,138m) including £3,130m (2007: £3,130m) relating to Woolwich, the goodwill allocated to GRCB – Absa was £1,084m (2007: £1,062m) and the goodwill allocated to Barclays Global Investors was £1,496m (2007: £1,261m). The remaining aggregate of goodwill of £1,915m (2007: £1,561m) consists of balances relating to multiple business operations which are not considered individually significant.

Goodwill impairment of £111m (2007: £nil) reflects the full write-down of £74m relating to EquiFirst, a US non-prime mortgage originator and a partial write-down of £37m relating to FirstPlus following its closure to new business in August 2008.

#### Key assumptions used in impairment testing for significant goodwill

##### UK Retail Banking

The recoverable amount of UK Retail Banking has been determined based on a value in use calculation. The calculation uses cash flow projections based on financial budgets approved by management covering a three year period, and a discount rate of 17.48%. For the purposes of the calculations, cash flows beyond that period have been extrapolated using a steady 3% growth rate. The growth rate does not exceed the long-term average growth rate for the market in which UK Retail Banking operates. Management believes that any reasonable possible change in the key assumptions on which UK Retail Banking's recoverable amount is based would not cause its carrying amount to exceed its recoverable amount.

##### Global Retail and Commercial Banking – Absa

The recoverable amount of GRCB – Absa has been determined based on a value in use calculation. The calculation uses cash flow projections based on financial budgets approved by management covering a three year period, and a discount rate of 14.10%. For the purposes of the calculations, cash flows beyond that period have been extrapolated using a growth rate of 8% to cash flows for the two years 2012 to 2013, and a rate of 6% for the ten years 2014 to 2023. The growth rate does not exceed the long-term average growth rate for the market in which GRCB – Absa operates. Management believes that any reasonable possible change in the key assumptions on which GRCB – Absa's recoverable amount is based would not cause its carrying amount to exceed its recoverable amount.

##### Barclays Global Investors

The recoverable amount of BGI has been determined based on a fair value methodology approach which includes both a discounted cash flow valuation and comparable company valuation multiples based on revenue, EBITDA and assets under management. The calculation uses earnings projections based on financial budgets approved by management covering a three year period and a discount rate of 11.5%. For the purposes of the calculations, cash flows beyond that period have been extrapolated using growth rates of between 2% and 11% for cash flows from 2012 to 2017, and a terminal growth factor of 4% for 2018 and beyond. The growth rate does not exceed the long-term average growth rate for the market in which BGI operates. Management believes that any

reasonable possible change in the key assumptions on which BGI's recoverable amount is based would not cause its carrying amount to exceed its recoverable amount.

## 22 Intangible assets

	2008							
	Internally generated software £m	Other software £m	Core deposit intangibles £m	Brands £m	Customer lists £m	Mortgage servicing rights £m	Licences and other £m	Total £m
<b>Cost</b>								
<b>At 1st January 2008</b>	388	188	244	149	524	126	161	1,780
Acquisitions	–	127	17	6	992	–	210	1,352
Additions/disposals	274	5	–	–	–	–	3	282
Exchange and other adjustments	59	8	–	–	49	47	52	215
<b>At 31st December 2008</b>	<b>721</b>	<b>328</b>	<b>261</b>	<b>155</b>	<b>1,565</b>	<b>173</b>	<b>426</b>	<b>3,629</b>
<b>Accumulated amortisation and impairment</b>								
<b>At 1st January 2008</b>	(163)	(57)	(37)	(38)	(101)	(64)	(38)	(498)
Disposals	11	7	–	–	–	–	–	18
Amortisation charge	(86)	(33)	(14)	(15)	(62)	(22)	(59)	(291)
Impairment release	3	–	–	–	–	–	–	3
Exchange and other adjustments	(49)	14	(1)	(2)	(9)	(30)	(7)	(84)
<b>At 31st December 2008</b>	<b>(284)</b>	<b>(69)</b>	<b>(52)</b>	<b>(55)</b>	<b>(172)</b>	<b>(116)</b>	<b>(104)</b>	<b>(852)</b>
<b>Net book value</b>	<b>437</b>	<b>259</b>	<b>209</b>	<b>100</b>	<b>1,393</b>	<b>57</b>	<b>322</b>	<b>2,777</b>
	2007							
	Internally generated software £m	Other software £m	Core deposit intangibles £m	Brands £m	Customer lists £m	Mortgage servicing rights £m	Licences and other £m	Total £m
<b>Cost</b>								
<b>At 1st January 2007</b>	267	123	242	145	467	122	140	1,506
Acquisitions	–	–	–	–	54	–	23	77
Additions	118	56	–	3	–	4	–	181
Exchange and other adjustments	3	9	2	1	3	–	(2)	16
<b>At 31st December 2007</b>	<b>388</b>	<b>188</b>	<b>244</b>	<b>149</b>	<b>524</b>	<b>126</b>	<b>161</b>	<b>1,780</b>
<b>Accumulated amortisation and impairment</b>								
<b>At 1st January 2007</b>	(116)	(29)	(24)	(22)	(64)	(10)	(26)	(291)
Amortisation charge	(45)	(13)	(11)	(15)	(36)	(54)	(12)	(186)
Impairment charge	–	(14)	–	–	–	–	–	(14)
Exchange and other adjustments	(2)	(1)	(2)	(1)	(1)	–	–	(7)
<b>At 31st December 2007</b>	<b>(163)</b>	<b>(57)</b>	<b>(37)</b>	<b>(38)</b>	<b>(101)</b>	<b>(64)</b>	<b>(38)</b>	<b>(498)</b>
<b>Net book value</b>	<b>225</b>	<b>131</b>	<b>207</b>	<b>111</b>	<b>423</b>	<b>62</b>	<b>123</b>	<b>1,282</b>

The impairment release detailed above has been included within other operating expenses.

# Notes to the accounts

## For the year ended 31st December 2008

### 23 Property, plant and equipment

	2008				2007			
	Property £m	Equipment £m	Operating leased assets £m	Total £m	Property £m	Equipment £m	Operating leased assets £m	Total £m
<b>Cost</b>								
<b>At 1st January</b>	2,451	2,995	413	5,859	2,154	2,429	365	4,948
Acquisitions and disposals	992	218	–	1,210	5	13	–	18
Additions	493	846	126	1,465	506	638	105	1,249
Disposals	(485)	(276)	(235)	(996)	(241)	(112)	(57)	(410)
Fully depreciated assets written off	(15)	(7)	–	(22)	(1)	(8)	–	(9)
Exchange and other adjustments	188	168	–	356	28	35	–	63
<b>At 31st December</b>	<b>3,624</b>	<b>3,944</b>	<b>304</b>	<b>7,872</b>	<b>2,451</b>	<b>2,995</b>	<b>413</b>	<b>5,859</b>
<b>Accumulated depreciation and impairment</b>								
<b>At 1st January</b>	(1,044)	(1,804)	(15)	(2,863)	(993)	(1,454)	(9)	(2,456)
Acquisitions and disposals	(8)	(12)	–	(20)	(1)	(7)	–	(8)
Depreciation charge	(124)	(475)	(31)	(630)	(91)	(370)	(6)	(467)
Impairment charge	–	(33)	–	(33)	(2)	–	–	(2)
Disposals	168	185	3	356	58	37	–	95
Fully depreciated assets written off	15	7	–	22	1	8	–	9
Exchange and other adjustments	(18)	(12)	–	(30)	(16)	(18)	–	(34)
<b>At 31st December</b>	<b>(1,011)</b>	<b>(2,144)</b>	<b>(43)</b>	<b>(3,198)</b>	<b>(1,044)</b>	<b>(1,804)</b>	<b>(15)</b>	<b>(2,863)</b>
<b>Net book value</b>	<b>2,613</b>	<b>1,800</b>	<b>261</b>	<b>4,674</b>	<b>1,407</b>	<b>1,191</b>	<b>398</b>	<b>2,996</b>

Operating leased assets represent assets such as plant and equipment leased to customers under operating leases.

Certain of the Group's equipment is held on finance leases. See Note 37.

## 24 Financial liabilities designated at fair value

	2008		2007	
	Fair value £m	Contractual amount due on maturity £m	Fair value £m	Contractual amount due on maturity £m
Debt securities	61,297	69,197	52,320	62,167
Deposits	10,518	10,109	17,319	18,140
Other	5,077	6,761	4,850	6,239
Financial liabilities designated at fair value	76,892	86,067	74,489	86,546

At 31st December 2008, the own credit adjustment arose from the fair valuation of £54.5bn of Barclays Capital structured notes (2007: £40.7bn). The widening of Barclays credit spreads in the year affected the fair value of these notes and as a result revaluation gains of £1,663m were recognised in trading income (2007: £658m).

## 25 Other liabilities

	2008 £m	2007 £m
Accruals and deferred income	6,495	6,075
Sundry creditors	6,049	4,341
Obligations under finance leases (Note 37)	96	83
<b>Other liabilities</b>	<b>12,640</b>	<b>10,499</b>

Included in the above are balances of £11,068m (2007: £9,043m) expected to be settled within no more than 12 months after the balance sheet date; and balances of £1,572m (2007: £1,456m) expected to be settled more than 12 months after the balance sheet date.

Accruals and deferred income included £nil (2007: £102m) in relation to deferred income from investment contracts and £nil (2007: £677m) in relation to deferred income from insurance contracts.

# Notes to the accounts

## For the year ended 31st December 2008

### 26 Insurance assets and liabilities

#### Insurance assets

Reinsurance assets are £123m (2007: £157m) and relate principally to the Group's long-term business. Reinsurers' share of provisions relating to the Group's short-term business are £32m (2007: £94m). The reinsurance assets expected to be recovered after more than one year are £91m (2007: £63m).

#### Insurance contract liabilities including unit-linked liabilities

Insurance liabilities comprise the following:

	2008 £m	2007 £m
<b>Insurance contract liabilities:</b>		
– linked liabilities	125	1,398
– non-linked liabilities	1,908	2,347
Provision for claims	119	158
<b>Insurance contract liabilities including unit-linked liabilities</b>	<b>2,152</b>	<b>3,903</b>

Insurance contract liabilities relate principally to the Group's long-term business. Insurance contract liabilities associated with the Group's short-term non-life business are £73m (2007: £174m).

#### Movements in insurance liabilities and reinsurance assets

Movements in insurance assets and insurance contract liabilities were as follows:

	2008			2007		
	Gross £m	Reinsurance £m	Net £m	Gross £m	Reinsurance £m	Net £m
<b>At beginning of year</b>	<b>3,903</b>	<b>(157)</b>	<b>3,746</b>	3,878	(172)	3,706
Change in year	(1,751)	34	(1,717)	25	15	40
<b>At end of year</b>	<b>2,152</b>	<b>(123)</b>	<b>2,029</b>	3,903	(157)	3,746

#### Assumptions used to measure insurance liabilities

The assumptions that have the greatest effect on the measurement of the amounts recognised above, and the processes used to determine them were as follows:

##### Long-term business – linked and non-linked

Mortality – mortality estimates are based on standard industry and national mortality tables, adjusted where appropriate to reflect the Group's own experience. A margin is added to ensure prudence – for example, future mortality improvements for annuity business.

Renewal expenses level and inflation – expense reserves are a small part of overall insurance liabilities, however, increases in expenses caused by unanticipated inflation or other unforeseen factors could lead to expense reserve increases. Expenses are therefore set using prudent assumptions. Initial renewal expense levels are set by considering expense forecasts for the business and, where appropriate, building in a margin to allow for the increasing burden of fixed costs on the UK closed life book of business. The inflation assumption is set by adding a margin to the market rate of inflation implied by index-linked gilt yields.

##### Short-term business

Short-term business – for single premium policies the proportion of unearned premiums is calculated based on estimates of the frequency and severity of incidents.

##### Changes in assumptions

There have been no changes in assumptions in 2008 that have had a material effect on the financial statements.

#### Uncertainties associated with cash flows related to insurance contracts and risk management activities

##### Long-term insurance contracts (linked and non-linked)

For long-term insurance contracts where death is the insured risk, the most significant factors that could detrimentally affect the frequency and severity of claims are the incidence of disease, such as AIDS, or general changes in lifestyle, such as in eating, exercise and smoking. Where survival is the insured risk, advances in medical care and social conditions are the key factors that increase longevity.

The Group manages its exposure to risk by operating in part as a unit-linked business, prudent product design, applying strict underwriting criteria, transferring risk to reinsurers, managing claims and establishing prudent reserves.

##### Short-term insurance contracts

For payment protection contracts where inability to make payments under a loan contract is the insured risk, the most significant factors are the health of the policyholder and the possibility of unemployment which depends upon, among other things, long-term and short-term economic factors. The Group manages its exposure to such risks through prudent product design, efficient claims management, prudent reserving methodologies and bases, regular product, economic



and market reviews and regular adequacy tests on the size of the reserves.

Absa insures property and motor vehicles, for which the most significant factors that could effect the frequency and severity of claims are climatic change and crime. Absa manages its exposure to risk by diversifying insurance risks accepted and transferring risk to reinsurers.

**26 Insurance assets and liabilities (continued)****Sensitivity analysis**

The following table presents the sensitivity of the level of insurance contract liabilities disclosed in this note to movements in the actuarial assumptions used to calculate them. The percentage change in variable is applied to a range of existing actuarial modelling assumptions to derive the possible impact on net profit after tax. The disclosure is not intended to explain the impact of a percentage change in the insurance assets and liabilities disclosed above.

	2008		2007	
	Change in variable %	Net profit after tax impact £m	Change in variable %	Net profit after tax impact £m
Long-term insurance contracts:				
Improving mortality (annuitants only)	10	1	10	21
Worsening of mortality (assured lives only)	10	20	10	29
Worsening of base renewal expense level	20	19	20	43
Worsening of expense inflation rate	10	1	10	10
Short-term insurance contracts:				
Worsening of claim expense assumptions	10	3	10	3

Any change in net profit after tax would result in a corresponding increase or decrease in shareholders' equity.

The above analyses are based on a change in a single assumption while holding all other assumptions constant. In practice this is unlikely to occur.

**Options and guarantees**

The Group's contracts do not contain options or guarantees that could confer material risk.

**Concentration of insurance risk**

The Group considers that the concentration of insurance risk that is most relevant to the Group financial statements is according to the type of cover offered and the location of insured risk. The following table shows the maximum amounts payable under all of the Group's insurance products. It ignores the probability of insured events occurring and the contribution from investments backing the insurance policies. The table shows the broad product types and the location of the insured risk, before and after the impact of reinsurance that represents the risk that is passed to other insurers.

	2008			2007		
	Before Reinsurance £m	Reinsurance £m	After Reinsurance £m	Before Reinsurance £m	Reinsurance £m	After Reinsurance £m
<b>Total benefits insured by product type</b>						
Long-term insurance contracts	19,193	(3,591)	15,602	31,205	(10,497)	20,708
Short-term insurance contracts	36,228	(2,735)	33,493	31,464	(1,139)	30,325
Total benefits insured	55,421	(6,326)	49,095	62,669	(11,636)	51,033

	2008			2007		
	Before Reinsurance £m	Reinsurance £m	After Reinsurance £m	Before Reinsurance £m	Reinsurance £m	After Reinsurance £m
<b>Total benefits insured by geographic location</b>						
United Kingdom	8,120	(525)	7,595	22,538	(7,473)	15,065
Other European Union	6,519	(2,305)	4,214	4,304	(2,479)	1,825
Africa	40,782	(3,496)	37,286	35,827	(1,684)	34,143
Total benefits insured	55,421	(6,326)	49,095	62,669	(11,636)	51,033

**Reinsurer credit risk**

For the long-term business, reinsurance programmes are in place to restrict the amount of cover on any single life. The reinsurance cover is spread across highly rated companies to diversify the risk of reinsurer solvency. Net insurance reserves include a margin to reflect reinsurer credit risk.

# Notes to the accounts

## For the year ended 31st December 2008

### 27 Subordinated liabilities

Subordinated liabilities comprise dated and undated loan capital as follows:

	2008	2007
	£m	£m
Undated loan capital	(a) 13,673	6,631
Dated loan capital	(b) 16,169	11,519
	<b>29,842</b>	<b>18,150</b>

#### (a) Undated loan capital

	Notes	2008	2007
		£m	£m
<b>Non-convertible</b>			
<b>The Bank</b>			
6% Callable Perpetual Core Tier One Notes	a,q	487	392
6.86% Callable Perpetual Core Tier One Notes (US\$1,000m)	a,q	1,118	624
5.3304% Step-up Callable Perpetual Reserve Capital Instruments	b,r	652	520
5.926% Step-up Callable Perpetual Reserve Capital Instruments (US\$1,350m)	c,s	1,109	708
6.3688% Step-up Callable Perpetual Reserve Capital Instruments	n,ae	600	526
7.434% Step-up Callable Perpetual Reserve Capital Instruments (US\$1,250m)	o,af	1,055	660
14% Step-up Callable Perpetual Reserve Capital Instruments	e,t	2,514	–
Junior Undated Floating Rate Notes (US\$121m)	d,u	83	61
7.7% Undated Subordinated Notes (US\$2,000m)	p,ah	1,644	–
Undated Floating Rate Primary Capital Notes Series 3	d,v	147	147
9.875% Undated Subordinated Notes		–	319
9.25% Perpetual Subordinated Bonds (ex-Woolwich plc)	f, w	232	171
9% Permanent Interest Bearing Capital Bonds	g,x	120	102
8.25% Undated Subordinated Notes	p,ag	1,092	–
7.125% Undated Subordinated Notes	h,y	620	535
6.875% Undated Subordinated Notes	i, z	729	657
6.375% Undated Subordinated Notes	j, aa	526	482
6.125% Undated Subordinated Notes	k,ab	666	560
6.5% Undated Subordinated Notes (FFr1,000m)	l,ac	151	115
5.03% Reverse Dual Currency Undated Subordinated Loan (Yen 8,000m)	m,ad	51	21
5% Reverse Dual Currency Undated Subordinated Loan (Yen12,000m)	m,ad	77	31
<b>Undated loan capital – non-convertible</b>		<b>13,673</b>	<b>6,631</b>

#### Security and subordination

None of the undated loan capital of the Bank is secured.

The Junior Undated Floating Rate Notes (the 'Junior Notes') rank behind the claims against the Bank of depositors and other unsecured unsubordinated creditors and holders of dated loan capital.

All other issues of the Bank's undated loan capital rank pari passu with each other and behind the claims of the holders of the Junior Notes, except for the 6% and 6.86% Callable Perpetual Core Tier One Notes (the 'TONs') and the 5.3304%, 5.926%, 6.3688%, 7.434% and 14% Step-up Callable Perpetual Reserve Capital Instruments (the 'RCIs') (such issues, excluding the TONs and the RCIs, being the 'Undated Notes and Loans').

The TONs and the RCIs rank pari passu with each other and behind the claims of the holders of the Undated Notes and Loans.

#### Interest

##### Notes

- a These TONs bear a fixed rate of interest until 2032. After that date, in the event that the TONs are not redeemed, the TONs will bear interest at rates fixed periodically in advance, based on London interbank rates.
- b These RCIs bear a fixed rate of interest until 2036. After that date, in the event that the RCIs are not redeemed, the RCIs will bear interest at rates fixed periodically in advance, based on London interbank rates.
- c These RCIs bear a fixed rate of interest until 2016. After that date, in the event that the RCIs are not redeemed, the RCIs will bear interest at rates fixed periodically in advance, based on London interbank rates.
- d These Notes bear interest at rates fixed periodically in advance, based on London interbank rates.
- e These RCIs bear a fixed rate of interest until 2019. After that date, in the event that the RCIs are not redeemed, the RCIs will bear interest at rates fixed periodically in advance, based on London interbank rates.
- f These Bonds bear a fixed rate of interest until 2021. After that date, in the event that the Bonds are not redeemed, the coupon will be reset to a fixed margin over a reference gilt rate for a further period of five years.
- g The interest rate on these Bonds is fixed for the life of this issue.
- h These Notes bear a fixed rate of interest until 2020. After that date, in the event that the Notes are not redeemed, the coupon will be reset to a fixed margin over a reference gilt rate for a further period of five years.

i These Notes bear a fixed rate of interest until 2015. After that date, in the event that the Notes are not redeemed, the coupon will be reset to a fixed margin over a reference gilt rate for a further period of five years.

**27 Subordinated liabilities (continued)**

- j These Notes bear a fixed rate of interest until 2017. After that date, in the event that the Notes are not redeemed, the coupon will be reset to a fixed margin over a reference gilt rate for a further period of five years.
- k These Notes bear a fixed rate of interest until 2027. After that date, in the event that the Notes are not redeemed, the coupon will be reset to a fixed margin over a reference gilt rate for a further period of five years.
- l These Notes bear a fixed rate of interest until 2009. After that date, in the event that the Notes are not redeemed, the Notes will bear interest at rates fixed periodically in advance based on European interbank rates.
- m These Loans bear a fixed rate of interest until 2028 based on a US Dollar principal amount, but the interest payments have been swapped, resulting in a Yen interest rate payable, which is fixed periodically in advance based on London interbank rates. After that date, in the event that the Loans are not redeemed, the Loans will bear Yen interest rates fixed periodically in advance, based on London interbank rates.
- n These RCIs bear a fixed rate of interest until 2019. After that date, in the event that the RCIs are not redeemed, the RCIs will bear interest at rates fixed periodically in advance, based on London interbank rates.
- o These RCIs bear a fixed rate of interest until 2017. After that date, in the event that the RCIs are not redeemed, the RCIs will bear interest at rates fixed periodically in advance, based on London interbank rates.
- p These Notes bear a fixed rate of interest until 2018. After that date, in the event that the Notes are not redeemed, the Notes will bear interest at rates fixed periodically in advance, based on London interbank rates.

The Bank is not obliged to make a payment of interest on its Undated Notes and Loans excluding the 9.25% Perpetual Subordinated Bonds, 7.7% Undated Subordinated Notes and 8.25% Undated Subordinated Notes if, in the preceding six months, a dividend has not been declared or paid on any class of shares of Barclays PLC or, in certain cases, any class of preference shares of the Bank. The Bank is not obliged to make a payment of interest on its 9.25% Perpetual Subordinated Bonds if, in the immediately preceding 12 months interest period, a dividend has not been paid on any class of its share capital. Interest not so paid becomes payable in each case if such a dividend is subsequently paid or in certain other circumstances. During the year, the Bank declared and paid dividends on its ordinary shares and on all classes of preference shares.

No payment of principal or any interest may be made unless the Bank satisfies a specified solvency test.

The Bank may elect to defer any payment of interest on the 7.7% Undated Subordinated Notes and 8.25% Undated Subordinated Notes. Until such time as any deferred interest has been paid in full, neither the Bank nor Barclays PLC may declare or pay a dividend, subject to certain exceptions, on any of its ordinary shares, preference shares, or other share capital or satisfy any payments of interest or coupons on certain other junior obligations.

The Bank may elect to defer any payment of interest on the RCIs (b, c, e, n and o above). Any such deferred payment of interest must be paid on the earlier of (i) the date of redemption of the RCIs, (ii) the coupon payment date falling on or nearest to the tenth anniversary of the date of deferral of such payment, and (iii) in respect of e above only, substitution. Whilst such deferral is continuing, neither the Bank nor Barclays PLC may declare or pay a dividend, subject to certain exceptions, on any of its ordinary shares or preference shares.

The Bank may elect to defer any payment of interest on the TONs if it determines that it is, or such payment would result in it being, in non-compliance with capital adequacy requirements and policies of the FSA. Any such deferred payment of interest will only be payable on a redemption of the TONs. Until such time as the Bank next makes a payment of interest on the TONs, neither the Bank nor Barclays PLC may (i) declare or pay a dividend, subject to certain exceptions, on any of their respective ordinary shares or Preference Shares, or make payments of interest in respect of the Bank's Reserve Capital Instruments and (ii) certain restrictions on the redemption, purchase or reduction of their respective share capital and certain other securities also apply.

**Repayment****Notes**

- q These TONs are repayable, at the option of the Bank, in whole on any coupon payment date falling in or after June 2032.
- r These RCIs are repayable, at the option of the Bank, in whole on any coupon payment date falling in or after December 2036.
- s These RCIs are repayable, at the option of the Bank, in whole on any coupon payment date falling in or after December 2016.
- t These RCIs are repayable, at the option of the Bank, in whole on any coupon payment date falling in or after June 2019.
- u These Notes are repayable, at the option of the Bank, in whole or in part on any interest payment date.
- v These Notes are repayable, at the option of the Bank, in whole on any interest payment date.
- w These Bonds are repayable, at the option of the Bank, in whole in 2021, or on any fifth anniversary thereafter.
- x These Bonds are repayable, at the option of the Bank, in whole at any time.
- y These Notes are repayable, at the option of the Bank, in whole in 2020, or on any fifth anniversary thereafter.
- z These Notes are repayable, at the option of the Bank, in whole in 2015, or on any fifth anniversary thereafter.
- aa These Notes are repayable, at the option of the Bank, in whole in 2017, or on any fifth anniversary thereafter.
- ab These Notes are repayable, at the option of the Bank, in whole in 2027, or on any fifth anniversary thereafter.
- ac These Notes are repayable, at the option of the Bank, in whole in 2009, or on any fifth anniversary thereafter.
- ad These Loans are repayable, at the option of the Bank, in whole in 2028, or on any fifth anniversary thereafter.
- ae These RCIs are repayable, at the option of the Bank, in whole on any coupon payment date falling in or after December 2019.
- af These RCIs are repayable, at the option of the Bank, in whole on any coupon payment date falling in or after December 2017.
- ag These Notes are repayable, at the option of the Bank, in whole on any interest payment date falling in or after December 2018.
- ah These Notes are repayable, at the option of the Bank, in whole on any interest payment date falling in or after April 2018.

In addition, each issue of undated loan capital is repayable, at the option of the Bank, in whole for certain tax reasons, either at any time, or on an interest

payment date. There are no events of default except non-payment of principal or mandatory interest.

Any repayments require the prior notification to the FSA.

All issues of undated loan capital have been made in the eurocurrency market and/or under Rule 144A, and no issues have been registered under the US Securities Act of 1933.

# Notes to the accounts

## For the year ended 31st December 2008

### 27 Subordinated liabilities (continued)

#### (b) Dated loan capital

Dated loan capital, issued by the Bank for the development and expansion of the Group's business and to strengthen its capital base, by Barclays Bank Spain SA (Barclays Spain), Barclays Bank of Botswana Ltd (BBB), Barclays Bank Zambia PLC (Barclays Zambia) and Barclays Bank of Kenya (Barclays Kenya) to enhance their respective capital bases and by Absa and Barclays Bank of Ghana Ltd (BBG) for general corporate purposes, comprise:

	Notes	2008 £m	2007 £m
<b>Non-convertible</b>			
<b>The Bank</b>			
7.4% Subordinated Notes 2009 (US\$400m)	a	275	200
Subordinated Fixed to CMS-Linked Notes 2009 (€31m)	b	31	23
12% Unsecured Capital Loan Stock 2010	a	27	27
5.75% Subordinated Notes 2011 (€1,000m)	a	943	724
5.25% Subordinated Notes 2011 (€250m) (ex-Woolwich plc)	a	260	200
Floating Rate Subordinated Notes 2013 (US\$1,000m)		–	501
5.015% Subordinated Notes 2013 (US\$150m)	a	112	77
4.875% Subordinated Notes 2013 (€750m)	a	750	583
5.5% Subordinated Notes 2013 (DM 500m)		–	196
Floating Rate Subordinated Step-up Callable Notes 2013 (Yen 5,500m)		–	25
Floating Rate Subordinated Notes 2013 (AU\$150m)		–	67
5.93% Subordinated Notes 2013 (AU\$100m)		–	44
Callable Floating Rate Subordinated Notes 2015 (US\$1,500m)	b,k	1,031	753
4.38% Fixed Rate Subordinated Notes 2015 (US\$75m)	a	88	30
4.75% Fixed Rate Subordinated Notes 2015 (US\$150m)	a	81	85
Floating Rate Subordinated Step-up Callable Notes 2016 (US\$750m)	b,k	514	375
Callable Floating Rate Subordinated Notes 2016 (€1,250m)	b,k	1,211	927
Callable Floating Rate Subordinated Notes 2017 (US\$500m)	b,k	343	250
10.125% Subordinated Notes 2017 (ex-Woolwich plc)	h,k	109	111
Floating Rate Subordinated Step-up Callable Notes 2017 (US\$1,500m)	b,k	1,029	749
Floating Rate Subordinated Step-up Callable Notes 2017 (€1,500m)	b,k	1,444	1,106
6.05% Fixed Rate Subordinated Notes 2017 (US\$2,250m)	a	1,856	1,125
Floating Rate Subordinated Notes 2018 (€40m)	b	38	29
6% Fixed Rate Subordinated Notes due 2018 (€1,750m)	a	1,767	–
CMS-Linked Subordinated Notes due 2018 (€100m)	b	100	–
CMS-Linked Subordinated Notes due 2018 (€135m)	b	135	–
Floating Rate Subordinated Notes 2019 (€50m)	b	47	36
Callable Fixed/Floating Rate Subordinated Notes 2019 (€1,000m)	i	984	761
9.5% Subordinated Bonds 2021 (ex-Woolwich plc)	a	298	282
Subordinated Floating Rate Notes 2021 (€100m)	b	94	72
Subordinated Floating Rate Notes 2022 (€50m)	b	49	37
Subordinated Floating Rate Notes 2023 (€50m)	b	48	37
Fixed/Floating Rate Subordinated Callable Notes 2023	o,k	571	505
5.75% Fixed Rate Subordinated Notes 2026	a	690	600
5.4% Reverse Dual Currency Subordinated Loan 2027 (Yen 15,000m)	j	128	71
6.33% Subordinated Notes 2032	a	53	49
Subordinated Floating Rate Notes 2040 (€100m)	b	96	73
<b>Barclays Bank SA, Spain (Barclays Spain)</b>			
Subordinated Floating Rate Capital Notes 2011 (€11m)	b	11	10
<b>Absa</b>			
14.25% Subordinated Callable Notes 2014 (ZAR 3,100m)	c,k	240	253
10.75% Subordinated Callable Notes 2015 (ZAR 1,100m)	d,k	85	87
Subordinated Callable Notes 2015 (ZAR 400m)	e,k	30	29
8.75% Subordinated Callable Notes 2017 (ZAR 1,500m)	f,k	115	111
Subordinated Callable Notes 2018 (ZAR 3,700m)	e,k	144	–
8.8% Subordinated Fixed Rate Callable Notes 2019 (ZAR 1,725m)	p,k	146	123
8.1% Subordinated Callable Notes 2020 (ZAR 2,000m)	g,k	130	138
<b>Barclays Bank of Ghana Ltd (BBG)</b>			
14% Fixed Rate BBG Subordinated Callable Notes 2016 (GHC 100,000m)	a,k	5	5
<b>Barclays Bank of Kenya (Barclays Kenya)</b>			
Floating Rate Subordinated Notes 2014 (KES 2,965m)	q	26	8
<b>Dated loan capital – non-convertible</b>		<b>16,134</b>	<b>11,494</b>

## 27 Subordinated liabilities (continued)

	Notes	2008 £m	2007 £m
<b>Convertible</b>			
<b>Barclays Bank of Botswana (BBB)</b>			
Subordinated Unsecured Floating Rate Capital Notes 2014 (BWP 190m)	k,l	17	8
<b>Barclays Bank Zambia PLC (Barclays Zambia)</b>			
Subordinated Unsecured Floating Rate Capital Notes 2015 (ZMK 49,086m)	k,m	7	6
<b>Absa</b>			
Redeemable cumulative option-holding preference shares (ZAR 147m)	n	11	11
<b>Total convertible</b>		<b>35</b>	<b>25</b>

None of the Group's dated loan capital is secured. The debt obligations of the Bank, Barclays Spain, BBG, BBB, Barclays Zambia, Barclays Kenya and Absa rank ahead of the interests of holders of their equity. Dated loan capital of the Bank, Barclays Spain, BBG, BBB, Barclays Zambia, Barclays Kenya and Absa has been issued on the basis that the claims there under are subordinated to the respective claims of their depositors and other unsecured unsubordinated creditors.

**Interest**

## Notes

- a The interest rates on these Notes are fixed for the life of those issues.
- b These Notes bear interest at rates fixed periodically in advance based on London or European interbank rates.
- c These Notes bear a fixed rate of interest until 2009. After that date, in the event that the Notes are not redeemed, the coupon will be reset to a fixed margin over a reference rate for a further period of five years.
- d These Notes bear a fixed rate of interest until 2010. After that date, in the event that the Notes are not redeemed, the Notes will bear interest at rates fixed periodically in advance based on Johannesburg interbank acceptance rates.
- e These Notes bear interest at rates fixed periodically in advance based on Johannesburg interbank acceptance rates.
- f These Notes bear a fixed rate of interest until 2012. After that date, in the event that the Notes are not redeemed, the Notes will bear interest at rates fixed periodically in advance based on Johannesburg interbank acceptance rates.
- g These Notes bear a fixed rate of interest until 2015. After that date, in the event that the Notes are not redeemed, the Notes will bear interest at rates fixed periodically in advance based on Johannesburg interbank acceptance rates.
- h These Notes bear a fixed rate of interest until 2012. After that date, in the event that the Notes are not redeemed, the coupon will be reset to a fixed margin over a reference gilt rate for a further period of five years.
- i These Notes bear a fixed rate of interest until 2014. After that date, in the event that the Notes are not redeemed, the Notes will bear interest at rates fixed periodically in advance based on European interbank rates.
- j This Loan bears a fixed rate of interest based on a US Dollar principal amount, but the interest payments have been swapped, resulting in a Yen interest rate payable which is fixed periodically in advance based on London interbank rates.
- k Repayable at the option of the issuer, prior to maturity, on conditions governing the respective debt obligations, some in whole or in part, and some only in whole.
- l These Notes bear interest at rates fixed periodically in advance based on the Bank of Botswana Certificate Rate. All of these Notes will be compulsorily converted to Preference Shares of BBB, having a total par value equal in sum to the principal amount of Notes outstanding at the time of conversion, should BBB experience pre-tax losses in excess of its retained earnings and other capital surplus accounts.
- m These Notes bear interest at rates fixed periodically in advance based on the Bank of Zambia Treasury Bill rate. All of these Notes will be compulsorily converted to Preference Shares of Barclays Zambia, having a total par value equal in sum to the principal amount of Notes outstanding at the time of conversion, should Barclays Zambia experience pre-tax losses in excess of its retained earnings and other capital surplus accounts.
- n The dividends are compounded and payable semi-annually in arrears on 30th September and 31st March of each year. The shares were issued by Absa Group Limited on 1st July 2004 and the redemption dates commence on the first business day after the third anniversary of the date of issue of the redeemable preference shares and ending on the fifth anniversary of the date of issue. Such exercise and notice will be deemed to be effective only on the option exercise dates, being 1st March, 1st June, 1st September or 1st December of each year. The shares are convertible into ordinary shares at the option of the preference shareholders on the redemption dates in lots of 100.
- o These Notes bear a fixed rate of interest until 2018. After that date in the event that the Notes are not redeemed, the Notes will bear interest at rates fixed periodically in advance based on London interbank rates.
- p These Notes bear a fixed rate of interest until 2014. After that date, in the event that the Notes are not redeemed, the Notes will bear interest at rates fixed periodically in advance based on Johannesburg interbank acceptance rates.
- q These Notes bear interest at rates fixed periodically in advance based on the Central Bank of Kenya Treasury Bill rates.



# Notes to the accounts

## For the year ended 31st December 2008

### 27 Subordinated liabilities (continued)

The 7.4% Subordinated Notes 2009 (the '7.4% Notes') issued by the Bank have been registered under the US Securities Act of 1933. All other issues of dated loan capital by the Bank, Barclays Spain, BBG, BBB, Barclays Zambia, Barclays Kenya and Absa, which were made in non-US markets, have not been so registered. With respect to the 7.4% Notes, the Bank is not obliged to make (i) a payment of interest on any interest payment date unless a dividend is paid on any class of share capital and (ii) a payment of principal until six months after the respective maturity date with respect to such Notes.

#### Repayment terms

Unless otherwise indicated, the Group's dated loan capital outstanding at 31st December 2008 is redeemable only on maturity, subject in particular cases, to provisions allowing an early redemption in the event of certain changes in tax law or, in the case of BBB and Barclays Zambia to certain changes in legislation or regulations.

Any repayments prior to maturity require in the case of the Bank, the prior notification to the FSA, in the case of BBB, the prior approval of the Bank of Botswana, in the case of Barclays Zambia, the prior approval of the Bank of Zambia, and in the case of Absa, the prior approval of the South African Registrar of Banks.

There are no committed facilities in existence at the balance sheet date which permit the refinancing of debt beyond the date of maturity.

### 28 Provisions

	Onerous contracts £m	Redundancy and restructuring £m	Undrawn contractually committed facilities and guarantees provided £m	Sundry provisions £m	Total £m
<b>At 1st January 2008</b>	<b>64</b>	<b>82</b>	<b>475</b>	<b>209</b>	<b>830</b>
Acquisitions and disposals of subsidiaries	9	(9)	–	(1)	(1)
Exchange	2	–	63	15	80
Additions	12	269	461	102	844
Amounts used	(41)	(213)	(794)	(42)	(1,090)
Unused amounts reversed	–	(11)	(96)	(25)	(132)
Amortisation of discount	4	–	–	–	4
<b>At 31st December 2008</b>	<b>50</b>	<b>118</b>	<b>109</b>	<b>258</b>	<b>535</b>
<b>At 1st January 2007</b>	<b>71</b>	<b>102</b>	<b>46</b>	<b>243</b>	<b>462</b>
Acquisitions and disposals of subsidiaries	1	(2)	–	74	73
Exchange	–	–	8	5	13
Additions	18	117	560	121	816
Amounts used	(25)	(117)	(113)	(60)	(315)
Unused amounts reversed	(5)	(18)	(26)	(174)	(223)
Amortisation of discount	4	–	–	–	4
<b>At 31st December 2007</b>	<b>64</b>	<b>82</b>	<b>475</b>	<b>209</b>	<b>830</b>

Provisions expected to be recovered or settled within no more than 12 months after 31st December 2008 were £333m (2007:£645m).

Sundry provisions are made with respect to commission clawbacks, warranties and litigation claims.

There were no undrawn contractually committed facilities and guarantees provided against undrawn facilities on ABS CDO Super Senior positions (2007: £360m).

### 29 Securitisations

The Group was party to securitisation transactions involving Barclays residential mortgage loans, business loans and credit card balances. In addition, the Group acts as a conduit for commercial paper, whereby it acquires static pools of residential mortgage loans from other lending institutions for securitisation transactions.

In these transactions, the assets, or interests in the assets, or beneficial interests in the cash flows arising from the assets, are transferred to a special purpose entity, or to a trust which then transfers its beneficial interests to a special purpose entity, which then issues floating rate debt securities to third-party investors.

Securitisations may, depending on the individual arrangement result in continued recognition of the securitised assets and the recognition of the debt securities issued in the transaction; lead to partial continued recognition of the assets to the extent of the Group's continuing involvement in those assets or to derecognition of the assets and the separate recognition, as assets or liabilities, of any rights and obligations created or retained in the transfer. Full derecognition only occurs when the Group transfers both its contractual right to receive cash flows from the financial assets, or retains the contractual rights to receive the cash flows, but assumes a contractual obligation to pay the cash flows to another party without material delay or reinvestment, and also transfers substantially all the risks and rewards of ownership, including credit risk, prepayment risk and interest rate risk.

The following table shows the carrying amount of securitised assets, stated at the amount of the Group's continuing involvement where appropriate, together with the associated liabilities, for each category of asset in the balance sheet:

	2008		2007	
	Carrying amount of assets £m	Associated liabilities £m	Carrying amount of assets £m	Associated liabilities £m
<b>Loans and advances to customers</b>				
Residential mortgage loans	12,754	(13,172)	16,000	(16,786)
Credit card receivables	1,888	(2,109)	4,217	(3,895)
Other personal lending	212	(256)	422	(485)
Wholesale and corporate loans and advances	7,702	(8,937)	8,493	(8,070)
<b>Total</b>	<b>22,556</b>	<b>(24,474)</b>	<b>29,132</b>	<b>(29,236)</b>
<b>Assets designated at fair value through profit or loss</b>				
Retained interest in residential mortgage loans	316	–	895	–

Retained interests in residential mortgage loans are securities which represent a continuing exposure to the prepayment and credit risk in the underlying securitised assets. The total amount of the loans was £31,734m (2007:£23,097m). The retained interest is initially recorded as an allocation of the original carrying amount based on the relative fair values of the portion derecognised and the portion retained.

# Notes to the accounts

## For the year ended 31st December 2008

### 30 Retirement benefit obligations

#### Pension schemes

The UK Retirement Fund (UKRF), which is the main scheme of the Group, amounting to 91% of all the Group's schemes in terms of benefit obligations, comprises ten sections.

#### The 1964 Pension Scheme

Most employees recruited before July 1997 are members of this non-contributory defined benefit scheme. Pensions are calculated by reference to service and pensionable salary and are normally subject to a deduction from State pension age.

#### The Retirement Investment Scheme (RIS)

A defined contribution plan for most joiners between July 1997 and 1st October 2003. This was closed to new entrants on 1st October 2003 and the large majority of existing members of the RIS transferred to afterwork in respect of future benefit accrual with effect from 1st January 2004. There are now no longer any active members of the RIS.

#### The Pension Investment Plan (PIP)

A defined contribution plan created from 1st July 2001 to provide benefits for certain employees of Barclays Capital.

#### afterwork

Combines a contributory cash balance element with a voluntary defined contribution element. New employees since 1st October 2003 are eligible to join afterwork. In addition, the large majority of active members of the RIS (now closed) were transferred to afterwork in respect of future benefit accrual after 1st January 2004.

#### Career Average Section

The Career Average Section was established in the UKRF with effect from 1st May 2004 following the transfer of members from the Woolwich Pension Fund. The Career Average Section is a non-contributory career average scheme and was closed to new entrants on 1st December 2006.

#### 1951 Fund Section, AP89 Section, BCPS Section, CCS Section and Mercantile Section

Five new sections were established in the UKRF with effect from 31st March 2007 following the merger of the UKRF with five smaller schemes sponsored from within the Group. All five sections are closed to new members.

The 1951 Fund Section, AP89 Section and Mercantile Section provide final salary benefits calculated by reference to service and pensionable salary.

The BCPS and CCS Sections provide defined contribution benefits. The benefits built up in these sections in relation to service before 6th April 1997 are subject to a defined benefit minimum.

In addition, the costs of ill-health retirements and death in service benefits are generally borne by the UKRF for each of the ten sections. From November 2008, members were given the option to pay member contributions by way of salary sacrifice.

#### Governance

The assets of the UKRF are held separately from the assets of the Group and are administered by trustees.

Barclays Pension Fund Trustees Ltd (BPFTL) acts as corporate trustee for the UKRF. BPFTL is a private limited company, incorporated on 20th December 1990, and is a subsidiary of Barclays Bank PLC.

As the corporate trustee for the UKRF, BPFTL is the legal owner of the assets of the UKRF and BPFTL holds these assets in trust for the beneficiaries of the scheme.

BPFTL comprises nine Directors, of which six are Employer Directors selected by the Bank and three are Employee Directors nominated by the Pension Fund Advisory Committee (PFAC). Employee Directors are selected from those eligible active employees and pensioner members who apply to be considered for the role.

Employee Director vacancies are advertised to all eligible active and pensioner members. This enables any eligible member with an interest in becoming an Employee Director to express that interest and be considered for the role. The PFAC provides the mechanism through which Employee Directors are selected. The PFAC will accept nominations from eligible members and select from amongst all properly nominated candidates.

There are also three Alternate Employer Directors and three Alternate Employee Directors. The selection process for these appointments are as detailed above. The role of alternate directors is to provide cover for individual directors, should they not be available for meetings.

Under the Pensions Act 2004 the Bank and the Trustee must agree on the funding rate (including a recovery plan to fund any deficit against the scheme specific statutory funding objective). The first ongoing funding valuation to be completed under this legislation had an effective date of 30th September 2007.

In addition to the UKRF, there are other defined benefit and defined contribution schemes in the UK and overseas. The same approach to pensions governance applies to the other schemes in the UK but different legislation covers schemes outside of the UK where in most cases the Bank has the power to determine the funding rate.

## 30 Retirement benefit obligations (continued)

The following tables present an analysis of defined benefit obligation and fair value of plan assets for all the Group's pension schemes and post-retirement benefits (the latter are unfunded) and present the amounts recognised in the income statement including those related to post-retirement health care.

## Income statement charge

	2008			2007			2006		
	Pensions £m	Other post- retirement benefits £m	Total £m	Pensions £m	Other post- retirement benefits £m	Total £m	Pensions £m	Other post- retirement benefits £m	Total £m
<b>Staff cost charge</b>									
Current service cost	299	2	301	332	2	334	378	21	399
Interest cost	991	8	999	905	8	913	900	8	908
Expected return on scheme assets	(1,175)	–	(1,175)	(1,074)	–	(1,074)	(999)	–	(999)
Recognised actuarial (gain)/loss	(23)	(1)	(24)	(1)	–	(1)	3	1	4
Past service cost	2	(8)	(6)	20	–	20	29	–	29
Curtailment or settlements	(5)	–	(5)	(32)	–	(32)	(29)	–	(29)
<b>Total included in staff costs</b>	<b>89</b>	<b>1</b>	<b>90</b>	<b>150</b>	<b>10</b>	<b>160</b>	<b>282</b>	<b>30</b>	<b>312</b>

Staff costs are included in other operating expenses.

## Change in benefit obligation

	2008						2007					
	Pensions		Post-retirement benefits		Total £m	Pensions		Post-retirement benefits		Total £m		
	UK £m	Overseas £m	UK £m	Overseas £m		UK £m	Overseas £m	UK £m	Overseas £m			
<b>Benefit obligation at beginning of the year</b>	(16,563)	(913)	(60)	(98)	(17,634)	(17,256)	(894)	(97)	(76)	(18,323)		
Current service cost	(276)	(23)	–	(2)	(301)	(317)	(15)	(1)	(1)	(334)		
Interest cost	(946)	(45)	(3)	(5)	(999)	(869)	(36)	(4)	(4)	(913)		
Past service cost	(2)	(11)	7	–	(6)	(20)	–	–	–	(20)		
Curtailments or settlements	7	2	–	–	9	35	1	–	–	36		
Actuarial gain/(loss)	2,807	–	11	(5)	2,813	1,292	25	19	1	1,337		
Contributions by plan participants	(20)	(3)	–	–	(23)	(19)	(2)	–	–	(21)		
Benefits paid	598	42	2	9	651	589	31	2	15	637		
Business combinations	–	–	–	–	–	–	–	–	–	–		
Exchange and other adjustments	–	(269)	–	(24)	(293)	2	(23)	21	(33)	(33)		
<b>Benefit obligation at end of the year</b>	<b>(14,395)</b>	<b>(1,220)</b>	<b>(43)</b>	<b>(125)</b>	<b>(15,783)</b>	<b>(16,563)</b>	<b>(913)</b>	<b>(60)</b>	<b>(98)</b>	<b>(17,634)</b>		

The benefit obligation arises from plans that are wholly unfunded and wholly or partly funded as follows:

	2008 £m	2007 £m
Unfunded obligations	(297)	(248)
Wholly or partly funded obligations	(15,486)	(17,386)
<b>Total</b>	<b>(15,783)</b>	<b>(17,634)</b>

# Notes to the accounts

## For the year ended 31st December 2008

### 30 Retirement benefit obligations (continued)

#### Change in plan assets

	2008					2007				
	Pensions		Post-retirement benefits		Total	Pensions		Post-retirement benefits		Total
	UK £m	Overseas £m	UK £m	Overseas £m		UK £m	Overseas £m	UK £m	Overseas £m	
<b>Fair value of plan assets at beginning of the year</b>	17,231	796	–	–	18,027	16,761	745	–	–	17,506
Expected return on plan assets	1,134	41	–	–	1,175	1,041	33	–	–	1,074
Employer contribution	336	71	2	9	418	355	34	2	15	406
Settlements	–	(2)	–	–	(2)	–	(1)	–	–	(1)
Contributions by plan participants	20	3	–	–	23	19	2	–	–	21
Actuarial loss	(4,534)	(121)	–	–	(4,655)	(332)	(11)	–	–	(343)
Benefits paid	(598)	(42)	(2)	(9)	(651)	(589)	(31)	(2)	(15)	(637)
Business combinations	–	–	–	–	–	–	–	–	–	–
Exchange and other adjustments	(52)	213	–	–	161	(24)	25	–	–	1
<b>Fair value of plan assets at the end of the year</b>	<b>13,537</b>	<b>959</b>	<b>–</b>	<b>–</b>	<b>14,496</b>	<b>17,231</b>	<b>796</b>	<b>–</b>	<b>–</b>	<b>18,027</b>

#### Amounts recognised on balance sheet

The pension and post-retirement benefit assets and liabilities recognised on the balance sheet are as follows:

	2008					2007				
	Pensions		Post-retirement benefits		Total	Pensions		Post-retirement benefits		Total
	UK £m	Overseas £m	UK £m	Overseas £m		UK £m	Overseas £m	UK £m	Overseas £m	
<b>Benefit obligation at end of period</b>	(14,395)	(1,220)	(43)	(125)	(15,783)	(16,563)	(913)	(60)	(98)	(17,634)
<b>Fair value of plan assets at end of period</b>	<b>13,537</b>	<b>959</b>	<b>–</b>	<b>–</b>	<b>14,496</b>	<b>17,231</b>	<b>796</b>	<b>–</b>	<b>–</b>	<b>18,027</b>
Net (deficit)/asset	(858)	(261)	(43)	(125)	(1,287)	668	(117)	(60)	(98)	393
Unrecognised actuarial (gains)/losses	(167)	150	(11)	23	(5)	(1,912)	7	(3)	14	(1,894)
<b>Net recognised liability</b>	<b>(1,025)</b>	<b>(111)</b>	<b>(54)</b>	<b>(102)</b>	<b>(1,292)</b>	<b>(1,244)</b>	<b>(110)</b>	<b>(63)</b>	<b>(84)</b>	<b>(1,501)</b>
Recognised assets	–	65	–	–	65	–	36	–	–	36
Recognised liability	(1,025)	(176)	(54)	(102)	(1,357)	(1,244)	(146)	(63)	(84)	(1,537)
<b>Net recognised liability</b>	<b>(1,025)</b>	<b>(111)</b>	<b>(54)</b>	<b>(102)</b>	<b>(1,292)</b>	<b>(1,244)</b>	<b>(110)</b>	<b>(63)</b>	<b>(84)</b>	<b>(1,501)</b>

The UKRF funded status, as measured using the IAS 19 assumptions, has decreased from a £0.7bn surplus at 31st December 2007 to a deficit of £0.9bn at 31st December 2008.

The assumptions used for the current year and prior year are detailed below. Among the reasons for this change were the large loss on the assets over the year and, to a lesser extent, a strengthening of the allowance made for future improvements in mortality. Offsetting these were the increase in AA long-term corporate bond yields which resulted in a higher discount rate of 6.75% (31st December 2007: 5.82%), a decrease in the inflation assumption to 3.16% (31st December 2007: 3.45%) and contributions paid.

#### Assumptions

Obligations arising under defined benefit schemes are actuarially valued using the projected unit credit method. Under this method, where a defined benefit scheme is closed to new members, such as in the case of the 1964 Pension Scheme, the current service cost expressed as a percentage of salary is expected to increase in the future, although this higher rate will be applied to a decreasing payroll. The latest actuarial IAS valuations were carried out as at 31st December using the following assumptions:

	UK schemes		Overseas schemes	
	2008 % p.a.	2007 % p.a.	2008 % p.a.	2007 % p.a.
Discount rate	6.75	5.82	7.09	7.51
Rate of increase in salaries	3.66	3.95	5.93	5.60
Inflation rate	3.16	3.45	3.98	4.13
Rate of increase for pensions in payment	3.06	3.45	3.17	3.55
Rate of increase for pensions in deferment	3.16	3.30	4.37	2.50
Initial health care inflation	8.00	8.00	9.00	10.00
Long-term health care inflation	5.00	5.00	5.01	5.01
Expected return on plan assets	6.80	6.70	7.95	7.84

**30 Retirement benefit obligations (continued)****Assumptions (continued)**

The expected return on plan assets assumption is weighted on the basis of the fair value of these assets. Health care inflation assumptions are weighted on the basis of the health care cost for the period. All other assumptions are weighted on the basis of the defined benefit obligation at the end of the period.

The UK Schemes discount rate assumption is based on a liability-weighted rate derived from a AA corporate bond yield curve.

The overseas health care inflation assumptions relate to the US and Mauritius.

**Mortality assumptions**

The post-retirement mortality assumptions used in valuing the liabilities of the UKRF were based on the standard 2000 series tables as published by the Institute and Faculty of Actuaries. These tables are considered to be most relevant to the population of the UKRF based on their mortality history. These were then adjusted in line with the actual experience of the UKRF's own pensioners relative to the standard table. An allowance has been made for future mortality improvements based on the medium cohort projections published by the CMIB subject to a floor of 1% pa on future improvements. On this basis the post-retirement mortality assumptions for the UKRF includes:

	2008	2007	2006	2005	2004
<b>Longevity at 60 for current pensioners (years)</b>					
– Males	27.4	26.7	25.8	25.8	25.7
– Females	28.5	27.9	29.5	29.5	29.4
<b>Longevity at 60 for future pensioners currently aged 40 (years)</b>					
– Males	29.5	28.0	27.1	27.1	27.0
– Females	30.5	29.1	30.7	30.6	30.6

**Sensitivity analysis**

Sensitivity analysis for each of the principal assumptions used to measure the benefit obligation of the UKRF are as follows:

	Impact on UKRF benefit obligation	
	(Decrease)/ Increase %	(Decrease)/ Increase £bn
0.5% increase to:		
– Discount rate	(8.5)	(1.2)
– Rate of inflation	8.8	1.3
– Rate of salary growth	1.0	0.2
1 year increase to longevity at 60	2.5	0.4

**Post-retirement health care**

A one percentage point change in assumed health care trend rates, assuming all other assumptions remain constant would have the following effects for 2008:

	1% increase £m	1% decrease £m
Effect on total of service and interest cost components	1	(1)
Effect on post-retirement benefit obligation	17	(14)

**Assets**

A long-term strategy has been set for the asset allocation of the UKRF which comprises a mixture of equities, bonds, property and other appropriate assets. This recognises that different asset classes are likely to produce different long-term returns and some asset classes may be more volatile than others.

The long-term strategy ensures that investments are adequately diversified. Asset managers are permitted some flexibility to vary the asset allocation from the long-term strategy within control ranges agreed with the trustee from time to time.

The UKRF also employs derivative instruments, where appropriate, to achieve a desired exposure or return, or to match assets more closely to liabilities. The value of assets shown below reflects the actual physical assets held by the scheme, with any derivative holdings reflected on a mark to market basis. The expected return on asset assumptions, both for individual asset classes and overall, have been based on the portfolio of assets created after allowing for the net impact of the derivatives on the risk and return profile of the holdings.

# Notes to the accounts

## For the year ended 31st December 2008

### 30 Retirement benefit obligations (continued)

#### Assets (continued)

The value of the assets of the schemes, their percentage in relation to total scheme assets, and their expected rate of return at 31st December 2008 and 31st December 2007 were as follows:

	2008								
	UK schemes			Overseas schemes			Total		
	Value £m	% of total fair value of scheme assets	Expected rate of return %	Value £m	% of total fair value of scheme assets	Expected rate of return %	Value £m	% of total fair value of scheme assets	Expected rate of return %
Equities	5,813	43	8.5	217	23	9.3	6,030	42	8.5
Bonds	6,360	47	5.3	166	17	6.2	6,526	45	5.3
Property	1,214	9	7.2	16	2	13.4	1,230	8	7.3
Derivatives	(420)	(3)	–	–	–	–	(420)	(3)	–
Cash	(131)	(1)	2.0	415	43	7.6	284	2	3.9
Other	701	5	7.4	145	15	6.4	846	6	7.2
<b>Fair value of plan assets<sup>a</sup></b>	<b>13,537</b>	<b>100</b>	<b>6.8</b>	<b>959</b>	<b>100</b>	<b>8.0</b>	<b>14,496</b>	<b>100</b>	<b>6.9</b>
	2007								
	UK schemes			Overseas schemes			Total		
	Value £m	% of total fair value of scheme assets	Expected rate of return %	Value £m	% of total fair value of scheme assets	Expected rate of return %	Value £m	% of total fair value of scheme assets	Expected rate of return %
Equities	7,467	43	8.3	441	55	8.4	7,908	44	8.3
Bonds	7,445	43	5.1	300	38	7.6	7,745	43	5.2
Property	1,712	10	7.0	16	2	11.5	1,728	10	7.0
Derivatives	(12)	–	–	–	–	–	(12)	–	–
Cash	284	2	5.1	42	5	5.6	326	1	5.2
Other	335	2	5.3	(3)	–	–	332	2	5.4
<b>Fair value of plan assets<sup>a</sup></b>	<b>17,231</b>	<b>100</b>	<b>6.7</b>	<b>796</b>	<b>100</b>	<b>7.8</b>	<b>18,027</b>	<b>100</b>	<b>6.8</b>

The UKRF plan assets include £27m relating to UK private equity investments (2007: £39m) and £735m relating to overseas private equity investments (2007: £664m). These are disclosed within Equities.

Amounts included in the fair value of plan assets include £5m (2007: £6m) relating to shares in Barclays Group, £11m (2007: £6m) relating to bonds issued by the Barclays Group, £nil (2007: £nil) relating to other investments in the Barclays Group, and £17m (2007: £10m) relating to property occupied by Group companies.

The expected return on assets is determined by calculating a total return estimate based on weighted average estimated returns for each asset class. Asset class returns are estimated using current and projected economic and market factors such as inflation, credit spreads and equity risk premiums.

The Group actual return on plan assets was a decrease of £3,480m (2007: £731m increase.)

#### Note

<sup>a</sup> Excludes £675m (2007: £782m) representing the money purchase assets of the UKRF.

## 30 Retirement benefit obligations (continued)

## Actuarial gains and losses

The actuarial gains and losses arising on plan liabilities and plan assets are as follows:

	UK schemes				
	2008 £m	2007 £m	2006 £m	2005 £m	2004 £m
<b>Present value of obligations</b>	<b>(14,438)</b>	(16,623)	(17,353)	(18,252)	(15,574)
<b>Fair value of plan assets</b>	<b>13,537</b>	17,231	16,761	15,571	13,261
<b>Net (deficit)/surplus in the plans</b>	<b>(901)</b>	608	(592)	(2,681)	(2,313)
<b>Experience gains and (losses) on plan liabilities</b>					
– amount	(81)	(297)	48	(2)	16
– as percentage of plan liabilities	(1%)	(2%)	–	–	–
<b>Difference between actual and expected return on plan assets</b>					
– amount	(4,534)	(332)	423	1,599	570
– as percentage of plan assets	(33%)	(2%)	3%	10%	4%
	Overseas schemes				
	2008 £m	2007 £m	2006 £m	2005 £m	2004 £m
<b>Present value of obligations</b>	<b>(1,345)</b>	(1,011)	(970)	(1,017)	(587)
<b>Fair value of plan assets</b>	<b>959</b>	796	745	819	436
<b>Net (deficit)/surplus in the plans</b>	<b>(386)</b>	(215)	(225)	(198)	(151)
<b>Experience losses on plan liabilities</b>					
– amount	(96)	(79)	(54)	(2)	(31)
– as percentage of plan liabilities	(7%)	(8%)	(6%)	–	(5%)
<b>Difference between actual and expected return on plan assets</b>					
– amount	(121)	(11)	25	2	9
– as percentage of plan assets	(13%)	–	3%	–	2%
	Total UK and Overseas schemes				
	2008 £m	2007 £m	2006 £m	2005 £m	2004 £m
<b>Present value of obligations</b>	<b>(15,783)</b>	(17,634)	(18,323)	(19,269)	(16,161)
<b>Fair value of plan assets</b>	<b>14,496</b>	18,027	17,506	16,390	13,697
<b>Net (deficit)/surplus in the plans</b>	<b>(1,287)</b>	393	(817)	(2,879)	(2,464)
<b>Experience losses on plan liabilities</b>					
– amount	(177)	(376)	(6)	(4)	(15)
– as percentage of plan liabilities	(1%)	(2%)	–	–	–
<b>Difference between actual and expected return on plan assets</b>					
– amount	(4,655)	(343)	448	1,601	579
– as percentage of plan assets	(32%)	(2%)	3%	10%	4%



# Notes to the accounts

## For the year ended 31st December 2008

### 30 Retirement benefit obligations (continued)

#### Funding

The most recent triennial funding valuation of the UK Retirement Fund was performed with an effective date of 30th September 2007. In compliance with the Pensions Act 2004, the Group and Trustee have agreed a scheme specific funding target, statement of funding principles, and a schedule of contributions. This agreement forms the basis of the Group's commitment that the fund has sufficient assets to make payments to members in respect of their accrued benefits as and when they fall due. This funding valuation uses a discount rate that reflects a prudent expectation of long-term future investment returns from the current and assumed future investment strategy, and takes into account projected future salary increases when assessing liabilities arising from accrued service.

As at 30th September 2007 the funding valuation showed a surplus of £0.2bn. The Scheme Actuary prepares an annual update of the funding position as at 30th September. The first annual update was carried out as at 30th September 2008 and showed a deficit of £2.2bn.

The Group has agreed funding contributions which, in aggregate, are no less than those which are sufficient to meet the Group's share of the cost of benefits accruing over each year. The Group has, in the recent past, chosen to make funding contributions in excess of this, more consistent with the IAS service cost.

Defined benefit contributions paid with respect to the UKRF were as follows:

	£m
<b>Contributions paid</b>	
2008	<b>336</b>
2007	355
2006	351

Excluding the UKRF, the Group is expected to pay contributions of approximately £2m to UK schemes and £53m to overseas schemes in 2009.

The total contribution to be paid in 2009 to the UKRF is not expected to be significantly different than in previous years.

### 31 Ordinary shares, share premium, and other equity

#### Ordinary shares and share premium

	Number of shares m	Ordinary shares £m	Share premium £m	Total £m
<b>At 1st January 2008</b>	<b>6,601</b>	<b>1,651</b>	<b>56</b>	<b>1,707</b>
Issued to staff under the Sharesave Share Option Scheme	3	1	13	14
Issued under the Incentive Share Option Plan <sup>a</sup>	1	–	3	3
Issued to staff under the Share Incentive Plan <sup>a</sup>	1	–	2	2
Issue of new ordinary shares	1,803	451	3,971	4,422
Repurchase of shares	(37)	(10)	–	(10)
<b>At 31st December 2008</b>	<b>8,372</b>	<b>2,093</b>	<b>4,045</b>	<b>6,138</b>
<b>At 1st January 2007</b>	<b>6,535</b>	<b>1,634</b>	<b>5,818</b>	<b>7,452</b>
Issued to staff under the Sharesave Share Option Scheme	19	6	62	68
Issued under the Incentive Share Option Plan	10	2	40	42
Issued under the Executive Share Option Scheme <sup>b</sup>	–	–	1	1
Issued under the Woolwich Executive Share Option Plan <sup>b</sup>	–	–	1	1
Transfer to retained earnings	–	–	(7,223)	(7,223)
Issue of new ordinary shares	337	84	1,357	1,441
Repurchase of shares	(300)	(75)	–	(75)
<b>At 31st December 2007</b>	<b>6,601</b>	<b>1,651</b>	<b>56</b>	<b>1,707</b>

#### Note

- a The nominal value for share options issued during 2008 for the Incentive Share Option Plan and Share Incentive Plan was less than £500,000 in each case.
- b The nominal value for share options issued during 2007 for the Executive Share Option Scheme and Woolwich Executive Share Option Plan was less than £500,000 in each case.

**31 Ordinary shares, share premium, and other equity (continued)**

The authorised share capital of Barclays PLC is £3,540m, \$77.5m, €40m and ¥4,000m. (31st December 2007: £2,500m) comprising 13,996 million (31st December 2007: 9,996 million) ordinary shares of 25p each, 0.4 million Sterling preference shares of £100 each, 0.4 million US Dollar preference shares of \$100 each, 150 million US Dollar preference shares of \$0.25 each, 0.4 million Euro preference shares of €100 each, 0.4 million Yen preference shares of ¥10,000 each and 1 million (31st December 2007: 1 million) staff shares of £1 each.

Called up share capital, allotted and fully paid	2008 £m	2007 £m
<b>Ordinary shares:</b>		
At beginning of year	1,650	1,633
Issued to staff under the Sharesave Share Option Scheme	1	6
Issued under the Incentive Share Option Plan	–	2
Issue of new ordinary shares	451	84
Repurchase of shares	(9)	(75)
<b>At end of year</b>	<b>2,093</b>	<b>1,650</b>
<b>Staff shares:</b>		
At beginning of year	1	1
Repurchase of shares	(1)	–
<b>At end of year</b>	<b>–</b>	<b>1</b>
<b>Total</b>	<b>2,093</b>	<b>1,651</b>

**Issue of new ordinary shares**

During the year, the following share issues took place:

On 4th July 2008, Barclays PLC raised approximately £500m (before issue costs) through the issue of 168.9 million new ordinary shares at £2.96 per share in a firm placing to Sumitomo Mitsui Banking Corporation.

On 22nd July 2008, Barclays PLC raised approximately £3,969m (before issue costs) through the issue of 1,407.4 million new ordinary shares at £2.82 per share in a placing to Qatar Investment Authority, Challenger Universal Limited (a company representing the beneficial interests of His Excellency Sheikh Hamad Bin Jassim Bin Jabr Al-Thani, the Chairman of Qatar Holding LLC, and his family), China Development Bank, Temasek Holdings (Private) Limited and certain leading institutional shareholders and other investors, which shares were available for clawback in full by means of an open offer to existing shareholders. Valid applications under the open offer were received from qualifying shareholders in respect of approximately 267 million new ordinary shares in aggregate, representing 19.0 per cent. of the shares offered pursuant to the open offer. Accordingly, the remaining 1,140.3 million shares were allocated to the various investors with whom they had been conditionally placed.

On 18th September 2008, Barclays PLC raised approximately £701m (before issue costs) through the issue of 226 million new ordinary shares at £3.10 per share to certain institutional investors. The proceeds of the issuance, in excess of the nominal value and issue costs, of £634m were credited to retained earnings. This resulted from the operation of section 131 of the Companies Act 1985 with regard to the issue of shares by Barclays PLC in exchange for shares in Long Island Investments Jersey No. 1 Limited and the subsequent redemption of redeemable preference shares of that company for cash.

During the period from 27th November 2008 to 31st December 2008, 33,000 ordinary shares have been issued following conversion of Mandatorily Convertible Notes (see below) at the option of their holders.

**Share repurchase**

During the year Barclays PLC purchased in the market 36 million of its own ordinary shares of 25p each at a total cost of £173m. These transactions represent less than 0.5% of the issued share capital at 31st December 2008. These shares purchased during the period were open market transactions.

Barclays PLC purchased all of its staff shares in issue, following approval for such purchase being given at the 2008 Annual General Meeting, at a total cost of £1m.

At the 2008 AGM on 24th April, Barclays PLC was authorised to repurchase 984,960,000 of its ordinary shares of 25p. The authorisation is effective until the AGM in 2009.

**Cancellation of share premium account**

On 11th October 2007, the order of the High Court confirming the cancellation of £7,223m of the share premium account was registered with the Registrar of Companies. This created £7,223m of additional distributable reserves in Barclays PLC. The purpose of the cancellation of the share premium account was to create distributable profits in order to allow the payment of dividends following the completion of the share buy-back programme, the redemption of the preference shares which were to have been issued in connection with the proposed merger with ABN AMRO, and to provide maximum flexibility to manage the Group's capital resources.

**Warrants**

On 31st October 2008 Barclays PLC issued, in conjunction with a simultaneous issue of Reserve Capital Instruments, warrants to subscribe for up to 1516.9 million new ordinary shares at a price of £1.97775 to Qatar Holding and HH Sheikh Mansour Bin Zayed Al Nahyan. A fair value of £800m before transaction costs of £24m was attributed to the warrants, which may be exercised at any time up to close of business 31st October 2013.

The fair value (net of transaction costs) of the warrants have been included in retained earnings (see Note 32).

**Shares under option**

The Group has four schemes that give employees rights to subscribe for new shares in Barclays PLC. A summary of the key terms of each scheme are included in Note 45.

At 31st December 2008, 94.1 million (2007: 74.0 million) options were outstanding under the terms of the Sharesave Share Option Scheme (Sharesave), 0.5 million (2007: 1.4 million) options were outstanding under the terms of the Executive Share Option Scheme (ESOS), 0.4 million (2007: 0.5 million) options

were outstanding under the terms of the Woolwich Executive Share Option Plan (Woolwich ESOP) and 20.5 million (2007: 20.5 million) options were outstanding under the terms of the Incentive Share Option Plan (ISOP), enabling certain Directors and members of staff to subscribe for ordinary shares between 2008 and 2016 at prices ranging from 144p to 551p.

# Notes to the accounts

## For the year ended 31st December 2008

### 31 Ordinary shares, share premium, and other equity (continued)

In addition to the above, the independent trustee of the Barclays Group (ESAS) Employees' Benefit Trust (ESAS Trust), established by Barclays Bank PLC in 1996, operates the Executive Share Award Scheme (ESAS). ESAS is a deferred share bonus plan for employees of the Group. The key terms of the ESAS are described in Note 45. The independent trustees of the ESAS Trust make awards of Barclays shares and grant options over Barclays shares to beneficiaries of the ESAS Trust. Beneficiaries of the ESAS Trust include employees and former employees of the Barclays Group.

The independent trustee of the Barclays Group (PSP and ESOS) Employees' Benefit Trust (PSP Trust), established by Barclays Bank PLC in 1996, operates the Performance Share Plan (PSP) and may satisfy awards under the ESOS. No awards have been made under this trust since 1999. All awards are in the form of options over Barclays shares.

The Sharepurchase scheme which was established in 2002 is open to all eligible UK employees, including executive Directors. The key terms of the Sharepurchase scheme are described in Note 45.

#### Other equity – Mandatorily Convertible Notes

On 27th November 2008, Barclays Bank PLC issued £4,050m of 9.75% Mandatorily Convertible Notes (MCNs) maturing on 30th September 2009 to Qatar Holding LLC, Challenger Universal Limited and entities representing the beneficial interests of HH Sheikh Mansour Bin Zayed Al Nahyan, a member of the Royal Family of Abu Dhabi and existing institutional shareholders and other institutional investors. If not converted at the holders' option beforehand, these instruments mandatorily convert to ordinary shares of Barclays PLC on 30th June 2009. The conversion price is £1.53276, and, after taking into account MCNs that were converted on or before 31st December 2008, will result in the issue of 2,642 million new ordinary shares. Following conversion the relevant amounts will be credited to share capital and share premium.

Of the proceeds of the MCNs, £233m has been included in the Group's liabilities, being the fair value of the coupon before issue costs at the date of issue. The remaining proceeds are included in other equity and will be transferred to share capital and share premium on conversion in both the Barclays PLC Group and Company.

### 32 Reserves

#### Other reserves – Barclays PLC Group

	Capital redemption reserve £m	Other capital reserve £m	Available for sale reserve £m	Cash flow hedging reserve £m	Currency translation reserve £m	Total £m
<b>At 1st January 2008</b>	384	617	154	26	(307)	874
Net (losses)/gains from changes in fair value	–	–	(1,736)	252	–	(1,484)
Net (gains)/losses transferred to net profit	–	–	(212)	19	–	(193)
Currency translation differences	–	–	–	–	2,307	2,307
Losses transferred to net profit due to impairment	–	–	382	–	–	382
Changes in insurance liabilities	–	–	17	–	–	17
Net gains transferred to net profit due to fair value hedging	–	–	(2)	–	–	(2)
Tax	–	–	207	(165)	840	882
Repurchase of shares	10	–	–	–	–	10
<b>At 31st December 2008</b>	<b>394</b>	<b>617</b>	<b>(1,190)</b>	<b>132</b>	<b>2,840</b>	<b>2,793</b>
	Capital redemption reserve £m	Other capital reserve £m	Available for sale reserve £m	Cash flow hedging reserve £m	Currency translation reserve £m	Total £m
<b>At 1st January 2007</b>	309	617	132	(230)	(438)	390
Net gains from changes in fair value	–	–	480	182	–	662
Net (gains)/losses transferred to net profit	–	–	(560)	198	–	(362)
Currency translation differences	–	–	–	–	29	29
Losses transferred to net profit due to impairment	–	–	13	–	–	13
Changes in insurance liabilities	–	–	22	–	–	22
Net losses transferred to net profit due to fair value hedging	–	–	68	–	–	68
Tax	–	–	(1)	(124)	102	(23)
Repurchase of shares	75	–	–	–	–	75
<b>At 31st December 2007</b>	<b>384</b>	<b>617</b>	<b>154</b>	<b>26</b>	<b>(307)</b>	<b>874</b>

The capital redemption reserve and other capital reserve represent transfers from retained earnings in accordance with relevant legislation. These reserves are not distributable.

The available for sale reserve represents the unrealised change in the fair value of available for sale investments since initial recognition.

The cash flow hedging reserve represents the cumulative gains and losses on effective cash flow hedging instruments that will be recycled to the income statement when the hedged transactions affect profit or loss.

The currency translation reserve represents the cumulative gains and losses on the retranslation of the Group's net investment in foreign operations, net of the effects of hedging.

#### Transfers from cash flow hedging reserve

Gains and losses transferred from the cash flow hedging reserve were to: interest income: £4m loss (2007: £93m), interest expense: £74m loss (2007: £11m gain), net trading income: £119m gain (2007: £100m loss), and administration and general expenses: £60m loss (2007: £16m loss).

## 32 Reserves (continued)

## Retained earnings and treasury shares – Barclays PLC Group

	Retained earnings £m	Treasury shares £m	Total £m
<b>At 1st January 2008</b>	<b>20,970</b>	<b>(260)</b>	<b>20,710</b>
Profit attributable to equity holders of the parent	4,382	–	4,382
Equity-settled share schemes	463	–	463
Tax on equity-settled share schemes	(4)	–	(4)
Other taxes	(52)	–	(52)
Net purchases of treasury shares	–	(350)	(350)
Transfer	(437)	437	–
Dividends paid	(2,344)	–	(2,344)
Repurchase of shares	(173)	–	(173)
Arising on share issue	634	–	634
Issue of warrants	776	–	776
Other	(7)	–	(7)
<b>At 31st December 2008</b>	<b>24,208</b>	<b>(173)</b>	<b>24,035</b>
<b>At 1st January 2007</b>	<b>12,169</b>	<b>(212)</b>	<b>11,957</b>
Profit attributable to equity holders of the parent	4,417	–	4,417
Equity-settled share schemes	567	–	567
Tax on equity-settled share schemes	28	–	28
Net purchases of treasury shares	–	(572)	(572)
Transfer	(524)	524	–
Dividends paid	(2,079)	–	(2,079)
Repurchase of shares	(1,802)	–	(1,802)
Transfer from share premium account	7,223	–	7,223
Arising on share issue	941	–	941
Other	30	–	30
<b>At 31st December 2007</b>	<b>20,970</b>	<b>(260)</b>	<b>20,710</b>

The Treasury shares primarily relate to Barclays PLC shares held by employee benefit trusts in relation to the Executive Share Award Scheme, Performance Share Plan and Sharepurchase Scheme, to the extent that such shares have not been allocated to employees. These schemes are described in Note 45.

The total number of Barclays shares held in Group employee benefit trusts at 31st December 2008 was 217.9 million (2007: 211.4 million). Dividend rights have been waived on nil (2007: nil) of these shares. The total market value of the shares held in trust based on the year-end share price of £1.53 (2007: £5.04) was £333m (2007: £1,065m). As at 31st December 2008, options over 19.1 million (2007: 16.6 million) of the total shares held in the trusts were exercisable.

The Group operates in a number of countries subject to regulations under which a local subsidiary has to maintain a minimum level of capital. The current policy of the Group is that local capital requirements are met, as far as possible, by the retention of profit. Certain countries operate exchange control regulations which limit the amount of dividends that can be remitted to non-resident shareholders. It is not possible to determine the amount of profit retained and other reserves that are restricted by these regulations, but the net profit retained of overseas subsidiaries, associates and joint ventures at 31st December 2008 totalled £4,581m (2007: £7,311m). If such overseas reserves were to be remitted, other tax liabilities, which have not been provided for in the accounts, might arise.

## Retained earnings – Barclays PLC (Parent company)

	Retained earnings £m	Capital redemption reserve £m	Total £m
<b>At 1st January 2008</b>	<b>8,990</b>	<b>384</b>	<b>9,374</b>
Profit after tax	1,193	–	1,193
Dividends paid	(2,414)	–	(2,414)
Arising on share issue	634	–	634
Repurchase of shares	(173)	10	(163)
Issue of warrants	776	–	776
<b>At 31st December 2008</b>	<b>9,006</b>	<b>394</b>	<b>9,400</b>
<b>At 1st January 2007</b>	<b>1,468</b>	<b>309</b>	<b>1,777</b>
Profit after tax	3,289	–	3,289
Dividends paid	(2,129)	–	(2,129)
Transfer from share premium account	7,223	–	7,223
Arising on share issue	941	–	941
Repurchase of shares	(1,802)	75	(1,727)
<b>At 31st December 2007</b>	<b>8,990</b>	<b>384</b>	<b>9,374</b>

Details of principal subsidiaries held through Barclays Bank PLC are shown in Note 41.

# Notes to the accounts

## For the year ended 31st December 2008

### 33 Minority interests

	2008	2007
	£m	£m
<b>At beginning of year</b>	<b>9,185</b>	<b>7,591</b>
Share of profit after tax	905	678
Dividend and other payments	(703)	(480)
Equity issued by subsidiaries	1,349	1,381
Available for sale reserve: net (loss)/gain from changes in fair value	(1)	1
Cash flow hedges: net gain/(loss) from changes in fair value	76	(16)
Currency translation differences	100	25
Additions	–	27
Disposals	(11)	(111)
Other	(107)	89
<b>At end of year</b>	<b>10,793</b>	<b>9,185</b>

During the year, Barclays Bank PLC issued the following Preference Shares:

106 million Preference Shares of nominal US\$0.25 each (Principal amount: US\$2,650m; £1,345m) with a 8.125% dividend issued on 11th April 2008 and 25th April 2008.

### 34 Contingent liabilities and commitments

#### Contingent liabilities and commitments

The following table summarises the nominal principal amount of contingent liabilities and commitments with off-balance sheet risk:

	2008	2007
	£m	£m
Acceptances and endorsements	585	365
Guarantees and letters of credit pledged as collateral security	15,652	12,973
Securities lending arrangements	38,290	22,719
Other contingent liabilities	11,783	9,717
<b>Contingent liabilities</b>	<b>66,310</b>	<b>45,774</b>
Documentary credits and other short-term trade related transactions	859	522
Undrawn note issuance and revolving underwriting facilities:		
Forward asset purchases and forward deposits placed	291	283
Standby facilities, credit lines and other	259,666	191,834
<b>Commitments</b>	<b>260,816</b>	<b>192,639</b>

#### Nature of instruments

In common with other banks, the Group conducts business involving acceptances, performance bonds and indemnities. The majority of these facilities are offset by corresponding obligations of third parties.

An acceptance is an undertaking by a bank to pay a bill of exchange drawn on a customer. The Group expects most acceptances to be presented, but reimbursement by the customer is normally immediate. Endorsements are residual liabilities of the Group in respect of bills of exchange, which have been paid and subsequently rediscounted.

Guarantees and letters of credit are given as security to support the performance of a customer to third parties. As the Group will only be required to meet these obligations in the event of the customer's default, the cash requirements of these instruments are expected to be considerably below their nominal amounts.

The Group facilitates securities lending arrangements for its investment management clients whereby securities held by funds are lent to third parties. The borrowers provide the funds with collateral in the form of cash or other assets equal to at least 100% of the securities lent plus a margin of at least 2% up to 8%. Over the period of the loan, the funds may make margin calls to the extent that the collateral is less than the market value of the securities lent. Amounts disclosed above represent the total market value of the lent securities at 31st December 2008. The market value of collateral held by the funds was £39,690m (2007: £23,559m).

### 34 Contingent liabilities and commitments (continued)

Other contingent liabilities include transaction related customs and performance bonds and are, generally, short-term commitments to third parties which are not directly dependent on the customer's creditworthiness.

Commitments to lend are agreements to lend to a customer in the future, subject to certain conditions. Such commitments are either made for a fixed period, or have no specific maturity but are cancellable by the lender subject to notice requirements.

Documentary credits commit the Group to make payments to third parties, on production of documents, which are usually reimbursed immediately by customers.

#### Capital commitments

At 31st December 2008 the commitments for capital expenditure under contract amounted to £48m (2007: £6m).

#### Assets pledged

Assets are pledged as collateral to secure liabilities under repurchase agreements, securitisations and stock lending agreements or as security deposits relating to derivatives. The disclosure includes any asset transfers associated with liabilities under repurchase agreements and securities lending transactions.

The following table summarises the nature and carrying amount of the assets pledged as security against these liabilities:

	2008 £m	2007 £m
Trading portfolio assets	81,186	76,226
Loans and advances	28,789	32,846
Available for sale investments	32,321	16,378
Other	3,812	580
<b>Assets pledged</b>	<b>146,108</b>	<b>126,030</b>

#### Collateral held as security for assets

Under certain transactions, including reverse repurchase agreements and stock borrowing transactions, the Group is allowed to resell or repledge the collateral held. The fair value at the balance sheet date of collateral accepted and repledged to others was as follows:

	2008 £m	2007 £m
Fair value of securities accepted as collateral	424,819	343,986
Of which fair value of securities repledged / transferred to others	374,222	269,157

### 35 Legal proceedings

Barclays has for some time been party to proceedings, including a class action, in the United States against a number of defendants following the collapse of Enron; the class action claim is commonly known as the Newby litigation. On 20th July 2006 Barclays received an Order from the United States District Court for the Southern District of Texas Houston Division which dismissed the claims against Barclays PLC, Barclays Bank PLC and Barclays Capital Inc. in the Newby litigation. On 4th December 2006 the Court stayed Barclays dismissal from the proceedings and allowed the plaintiffs to file a supplemental complaint. On 19th March 2007 the United States Court of Appeals for the Fifth Circuit issued its decision on an appeal by Barclays and two other financial institutions contesting a ruling by the District Court allowing the Newby litigation to proceed as a class action. The Court of Appeals held that because no proper claim against Barclays and the other financial institutions had been alleged by the plaintiffs, the case could not proceed against them. The plaintiffs applied to the United States Supreme Court for a review of this decision. On 22nd January 2008, the United States Supreme Court denied the plaintiffs' request for review. Following the Supreme Court's decision, the District Court ordered a further briefing concerning the status of the plaintiffs' claims. Barclays is seeking the dismissal of the plaintiffs' claims. Barclays considers that the Enron related claims against it are without merit and is defending them vigorously. It is not possible to estimate Barclays possible loss in relation to these matters, nor the effect that they might have upon operating results in any particular financial period.

Like other UK financial services institutions, the Group faces numerous County Court claims and complaints by customers who allege that its unauthorised overdraft charges either contravene the Unfair Terms in Consumer Contracts Regulations 1999 (UTCCR) or are unenforceable penalties or both. In July 2007, by agreement with all parties, the OFT commenced proceedings against seven banks and one building society, including Barclays, to resolve the matter by way of a 'test case' process. Preliminary issues hearings took place in January, July and December 2008 with judgments handed down in April and October 2008 and January 2009 (a further judgment not concerning Barclays terms). As to current terms, in April 2008 the Court held in favour of the banks on the issue of the penalty doctrine. The OFT did not appeal that decision. In the same judgment the Court held in favour of the OFT on the issue of the applicability of the UTCCR. The banks appealed that decision. As to past terms, in a judgment on 8th October 2008, the Court held that Barclays historic terms, including those of Woolwich, were not capable of being penalties. The OFT indicated at the January 2009 hearing that it was not seeking permission to appeal the Court's findings in relation to the applicability of the penalty doctrine to historic terms. Accordingly, it is now clear that no declarations have or will be made against Barclays that any of its unauthorised overdraft terms assessed in the test case constitute unenforceable penalties and that the OFT will not pursue this aspect of the test case further. The proceedings will now concentrate exclusively on UTCCR issues. The banks' appeal against the decision in relation to the applicability of the UTCCR (to current and historic terms) took place at a hearing in late October 2008. On 26th February 2009 the Court of Appeal dismissed the banks' appeal, holding, in a judgment of broad application, that the relevant charges were not exempt from the UTCCR. The banks will petition the House of Lords for leave to appeal the decision. It is likely that the proceedings will still take a significant period of time to conclude. Pending resolution of the test case process, existing and new claims in the County Courts remain stayed, and there is an FSA waiver of the complaints handling process (which is reviewable in July 2009) and a standstill of Financial Ombudsman Service decisions. The Group is defending the test case vigorously. It is not practicable to estimate the Group's possible loss in relation to these matters, nor the effect that they may have upon operating results in any particular financial period.



# Notes to the accounts

## For the year ended 31st December 2008

### 35 Legal proceedings (continued)

Barclays is engaged in various other litigation proceedings both in the United Kingdom and a number of overseas jurisdictions, including the United States, involving claims by and against it which arise in the ordinary course of business. Barclays does not expect the ultimate resolution of any of the proceedings to which Barclays is party to have a significant adverse effect on the financial position of the Group and Barclays has not disclosed the contingent liabilities associated with these claims either because they cannot reasonably be estimated or because such disclosure could be prejudicial to the conduct of the claims.

### 36 Competition and regulatory matters

The scale of regulatory change remains challenging, arising in part from the implementation of some key European Union (EU) directives. Many changes to financial services legislation and regulation have come into force in recent years and further changes will take place in the near future. Concurrently, there is continuing political and regulatory scrutiny of the operation of the retail banking and consumer credit industries in the UK and elsewhere. The nature and impact of future changes in policies and regulatory action are not predictable and beyond the Group's control but could have an impact on the Group's businesses and earnings.

In September 2005, the Office of Fair Trading (OFT) received a super-complaint from the Citizens Advice Bureau relating to payment protection insurance (PPI). As a result, the OFT commenced a market study on PPI in April 2006. In October 2006 the OFT announced the outcome of the market study and the OFT referred the PPI market to the UK Competition Commission (CC) for an in-depth inquiry in February 2007. In June 2008, the CC published its provisional findings. The CC published its final report into the PPI market on 29th January 2009. The CC's conclusion is that the businesses which offer PPI alongside credit face little or no competition when selling PPI to their credit customers. The CC has set out a package of measures which it considers will introduce competition into the market (the 'Remedies'). The Remedies, which are expected to be implemented (following consultation) in 2010, are: a ban on sale of PPI at the point of sale; a prohibition on the sale of single premium PPI; mandatory personal PPI quotes to customers; annual statements for all regular premium policies, including the back book (for example credit card and mortgage protection policies); measures to ensure that improved information is available to customers; obliging providers to give information to the OFT to monitor the Remedies and to provide claims ratios to any person on request. Barclays is reviewing the report and considering the next steps, including how this might affect the Group's different products.

In October 2006, the FSA published the outcome of its broad industry thematic review of PPI sales practices in which it concluded that some firms fail to treat customers fairly and that the FSA would strengthen its actions against such firms. Tackling poor PPI sales practices remains a priority for the FSA, with their most recent update on their thematic work published in September 2008. Barclays voluntarily complied with the FSA's request to cease selling single premium PPI by the end of January 2009. There has been no enforcement action against Barclays in respect of its PPI products. The Group has cooperated fully with these investigations into PPI and will continue to do so.

The OFT has carried out investigations into Visa and MasterCard credit card interchange rates. The decision by the OFT in the MasterCard interchange case was set aside by the Competition Appeals Tribunal in June 2006. The OFT is progressing its investigations in the Visa interchange case and a second MasterCard interchange case in parallel and both are ongoing. The outcome is not known but these investigations may have an impact on the consumer credit industry in general and therefore on the Group's business in this sector. In February 2007 the OFT announced that it was expanding its investigation into interchange rates to include debit cards.

In September 2006, the OFT announced that it had decided to undertake a fact find on the application of its statement on credit card fees to current account unauthorised overdraft fees. The fact find was completed in March 2007. On 29th March 2007, the OFT announced its decision to conduct a formal investigation into the fairness of bank current account charges. The OFT initiated a market study into personal current accounts (PCAs) in the UK on 26th April 2007. The study's focus was PCAs but it also included an examination of other retail banking products, in particular savings accounts, credit cards, personal loans and mortgages in order to take into account the competitive dynamics of UK retail banking. On 16th July 2008, the OFT published its market study report, in which it concluded that certain features of the UK PCA market were not working well for consumers. The OFT reached the provisional view that some form of regulatory intervention is necessary in the UK PCA market. On 16th July 2008, the OFT also announced a consultation to seek views on the findings and possible measures to address the issues raised in its report. The consultation period closed on 31st October 2008. The Group has participated fully in the market study process and will continue to do so.

US laws and regulations require compliance with US economic sanctions, administered by the Office of Foreign Assets Control, against designated foreign countries, nationals and others. HM Treasury regulations similarly require compliance with sanctions adopted by the UK government. The Group has been conducting an internal review of its conduct with respect to US Dollar payments involving countries, persons and entities subject to these sanctions and has been reporting to governmental authorities about the results of that review. The Group received inquiries relating to these sanctions and certain US Dollar payments processed by its New York branch from the New York County District Attorney's Office and the US Department of Justice, which along with other authorities, has been reported to be conducting investigations of sanctions compliance by non-US financial institutions. The Group has responded to those inquiries and is cooperating with the regulators, the Department of Justice and the District Attorney's Office in connection with their investigations of Barclays conduct with respect to sanctions compliance. Barclays has also received a formal notice of investigation from the FSA, and has been keeping the FSA informed of the progress of the US investigations and Barclays internal review. Barclays review is ongoing. It is currently not possible to predict the ultimate resolution of the issues covered by Barclays review and the investigations, including the timing and potential financial impact of any resolution, which could be substantial.

The Financial Services Compensation Scheme provides compensation to customers of financial institutions in the event that an institution is unable, or is likely to be unable, to pay claims against it. During the year, a number of institutions, including Bradford & Bingley plc, Heritable Bank plc, Kaupthing Singer & Friedlander Limited, Landsbanki 'Icesave', and London Scottish Bank plc, were declared in default by the FSA. In order to meet its obligations to the depositors of these institutions, the FSCS has borrowed £19.7 billion from HM Treasury, which is on an interest only basis until September 2011. These borrowings are anticipated to be repaid wholly or substantially from the realisation of the assets of the above named institutions. The FSCS raises annual levies from the banking industry to meet its management expenses and compensation costs. Individual institutions make payments based on their level of market participation (in the case of deposits, the proportion that their protected deposits represent of total market protected deposits) at 31st December each year. If an institution is a market participant on this date it is obligated to pay a levy. Barclays Bank PLC was a market participant at 31st December 2007 and 2008. The Group has accrued £101m for its share of levies that will be raised by the FSCS including the interest on the loan from HM Treasury in respect of the levy years to 31st March 2010. The accrual includes estimates for the interest FSCS will pay on the loan and estimates of Barclays market participation in the relevant periods. Interest will continue to accrue on the HM Treasury loan to the FSCS until September 2011 and will form part of future FSCS management expenses levies. If the assets of the defaulting institutions are insufficient to repay the HM Treasury loan in 2011, the FSCS will agree a schedule of repayments with HM Treasury, which will be recouped from the industry in the form of additional levies. At the date of these financial statements, it is not possible to estimate whether there will ultimately be additional levies on the industry, the level of Barclays market participation or other factors that may affect the amounts or timing of amounts that may ultimately become payable, nor the effect that such levies may have upon operating results in any particular financial period.



### 37 Leasing

The Group is both lessor and lessee under finance and operating leases, providing asset financing for its customers and leasing assets for its own use. In addition, assets leased by the Group may be sublet to other parties. An analysis of the impact of these transactions on the Group balance sheet and income statement is as follows:

#### (a) As Lessor

##### Finance lease receivables

The Group specialises in asset-based lending and works with a broad range of international technology, industrial equipment and commercial companies to provide customised finance programmes to assist manufacturers, dealers and distributors of assets.

Finance lease receivables are included within loans and advances to customers.

The Group's net investment in finance lease receivables was as follows:

	2008				2007			
	Gross investment in finance lease receivables £m	Future finance income £m	Present value of minimum lease payments receivable £m	Unguaranteed residual values £m	Gross investment in finance lease receivables £m	Future finance income £m	Present value of minimum lease payments receivable £m	Unguaranteed residual values £m
Not more than one year	3,929	(689)	3,240	149	3,657	(780)	2,877	213
Over one year but not more than five years	8,668	(1,673)	6,995	355	7,385	(1,613)	5,772	374
Over five years	3,419	(768)	2,651	25	3,476	(935)	2,541	14
<b>Total</b>	<b>16,016</b>	<b>(3,130)</b>	<b>12,886</b>	<b>529</b>	<b>14,518</b>	<b>(3,328)</b>	<b>11,190</b>	<b>601</b>

The allowance for uncollectable finance lease receivables included in the allowance for impairment amounted to £189m at 31st December 2008 (2007: £113m).

##### Operating lease receivables

The Group acts as lessor, whereby items of plant and equipment are purchased and then leased to third parties under arrangements qualifying as operating leases. The items purchased to satisfy these leases are treated as plant and equipment in the Group's financial statements and are generally disposed of at the end of the lease term (see Note 23).

The future minimum lease payments expected to be received under non-cancellable operating leases at 31st December 2008 were as follows:

	2008 Plant and equipment £m	2007 Plant and equipment £m
Not more than one year	80	29
Over one year but not more than two years	42	24
Over two years but not more than three years	36	22
Over three years but not more than four years	24	20
Over four years but not more than five years	13	11
Over five years	39	10
<b>Total</b>	<b>234</b>	<b>116</b>

#### (b) As Lessee

##### Finance lease commitments

The Group leases items of property, plant and equipment on terms that meet the definition of finance leases. Finance lease commitments are included within other liabilities (see Note 25).

Obligations under finance leases were as follows:

	2008 Total future minimum payments £m	2007 Total future minimum payments £m
Not more than one year	35	12
Over one year but not more than two years	13	14
Over two years but not more than three years	14	13
Over three years but not more than four years	17	12
Over four years but not more than five years	14	15
Over five years	3	17
<b>Net obligations under finance leases</b>	<b>96</b>	<b>83</b>



# Notes to the accounts

## For the year ended 31st December 2008

### 37 Leasing (continued)

The carrying amount of assets held under finance leases at the balance sheet date was:

	2008 £m	2007 £m
Cost	87	94
Accumulated depreciation	(67)	(24)
<b>Net book value</b>	<b>20</b>	<b>70</b>

### Operating lease commitments

The Group leases various offices, branches and other premises under non-cancellable operating lease arrangements. The leases have various terms, escalation and renewal rights. There are no contingent rents payable. The Group also leases equipment under non-cancellable lease arrangements.

Where the Group is the lessee the future minimum lease payment under non-cancellable operating leases are as follows:

	2008		2007	
	Property £m	Equipment £m	Property £m	Equipment £m
Not more than one year	275	5	191	6
Over one year but not more than two years	354	1	396	1
Over two years but not more than three years	334	1	357	1
Over three years but not more than four years	315	–	323	–
Over four years but not more than five years	465	5	287	–
Over five years	2,744	1	2,225	–
<b>Total</b>	<b>4,487</b>	<b>13</b>	<b>3,779</b>	<b>8</b>

The total of future minimum sublease payments to be received under non-cancellable subleases at the balance sheet date is £158m (2007: £167m).

### 38 Disposals

The Group made the following material disposals in 2008:

	% Disposal	Date
Barclays Life Assurance Limited	100	31/10/08

	2008 £m
Total disposal consideration	762
Costs associated with disposal	(33)
Net assets disposed	(403)
<b>Profit on disposal of subsidiaries</b>	<b>326</b>
Total disposal consideration	762
Costs associated with disposal	(7)
Repayment of loan on disposal	(386)
Cash and cash equivalents disposed of	(131)
<b>Disposal of subsidiaries, net of cash disposed</b>	<b>238</b>
Cash received in respect of disposal of ownership in BGI UK Holdings Limited through the exercise of options under the BGI EOP scheme	19
<b>Decrease in investment in subsidiaries</b>	<b>19</b>

### 39 Acquisitions

The Group made the following material acquisitions in 2008:

		Acquisition date	Gains on acquisitions £m	Goodwill £m
Lehman Brothers North American businesses	(a)	22nd September 2008	2,262	–
Macquarie Bank Limited residential mortgage businesses	(b)	6th November 2008	52	–
Goldfish credit card UK businesses	(b)	31st March 2008	92	–
Expobank (100% of ordinary shares)	(c)	1st July 2008	–	243
<b>Gains on acquisitions</b>			<b>2,406</b>	

#### (a) Lehman Brothers North American businesses

On 22nd September 2008, the Group completed the acquisition of Lehman Brothers North American businesses.

The assets and liabilities of Lehman Brothers North American businesses after the acquisition, details of the purchase price and the gain on acquisition arising were as follows:

	Fair values £m
<b>Assets</b>	
Cash and balances at central banks	861
Trading portfolio assets	23,837
Loans and advances to customers	3,642
Available-for-sale financial investments	1,948
Other assets	41
Intangible assets <sup>a</sup>	888
Property, plant and equipment	886
Deferred tax asset	229
<b>Total assets</b>	<b>32,332</b>
<b>Liabilities</b>	
Customer accounts	2,459
Derivative financial instruments	599
Repurchase agreements and cash collateral on securities lent	24,409
Other liabilities	1,049
Deferred tax liabilities	517
<b>Total liabilities</b>	<b>29,033</b>
<b>Net assets acquired (excludes Obligation to be settled in shares)</b>	<b>3,299</b>
Obligation to be settled in shares <sup>b</sup>	(163)
<b>Acquisition cost</b>	
Cash paid	834
Attributable costs	40
<b>Total consideration</b>	<b>874</b>
<b>Gain on acquisition</b>	<b>2,262</b>

The acquired assets and liabilities summarised in the table above do not represent the entire balance sheet of Lehman Brothers North American businesses, or of discrete business lines within those operations. For this reason it is not practical to reliably determine the carrying amount of the assets and liabilities in the pre-acquisition books and records of Lehman Brothers.

#### Notes

- a Intangible assets included an amount of £636m relating to customer lists.
- b Under the terms of the acquisition, the Group assumed an obligation to make payments to employees of the acquired business in respect of their pre-acquisition service provided to Lehman Brothers. This amount represents the equity-settled portion of that obligation and is recognised as a component of shareholders' equity.

# Notes to the accounts

## For the year ended 31st December 2008

### 39 Acquisitions (continued)

Certain assets were received subsequent to the acquisition date, since it was first necessary to agree their status as assets of the Group with the relevant regulators, custodians, trustees, exchanges and bankruptcy courts. Such assets were initially classified within loans and advances. Once they were received, the related receivable was derecognised and the resulting asset recognised within the appropriate balance sheet category. In the table such assets are classified accordingly.

The initial accounting for the acquisition has been determined only provisionally. Any revisions to fair values that result from the conclusion of the acquisition process with respect to assets not yet received by the Group will be recognised as an adjustment to the initial accounting. Any such revisions must be effected within 12 months of the acquisition date and would result in a restatement of the 2008 income statement and balance sheet.

The excess of the fair value of net assets acquired over consideration paid resulted in £2,262m of gain on acquisition.

It is impracticable to disclose the profit or loss of the acquired Lehman Brothers North American businesses since the acquisition date. The acquired business has been integrated into the corresponding existing business lines and there is no reliable basis for allocating post-acquisition results between the acquirer and the acquiree. Similarly, it is impracticable to disclose the revenue and profit or loss of the combined entity as though the acquisition date had been 1st January 2008. Only parts of Lehman Brothers US and Canadian businesses, and specified assets and liabilities, were acquired. There is no reliable basis for identifying the proportion of the pre-acquisition results of Lehman Brothers that relates to the business acquired by the Group.

#### (b) Macquarie Bank Limited Italian residential mortgage businesses and Goldfish credit card UK businesses

On 6th November 2008, the Group purchased the Italian residential mortgage businesses of Macquarie Bank Limited.

On 31st March 2008, the Group completed the acquisition of Discover's UK credit card businesses, Goldfish.

The assets and liabilities of Macquarie Bank Limited Italian residential mortgage businesses and Goldfish credit card UK businesses before and after the acquisition, details of the purchase price and gains on acquisitions arising were as follows:

	Macquarie Bank businesses			Goldfish credit card UK businesses		
	Carrying value pre-acquisition £m	Fair value adjustments £m	Fair values £m	Carrying value pre-acquisition £m	Fair value adjustments £m	Fair values £m
<b>Assets</b>						
Cash and balances at central banks	3	–	3	172	–	172
Loans and advances to banks	–	–	–	8	–	8
Loans and advances to customers	833	(20)	813	1,900	(34)	1,866
Other assets	–	–	–	39	(1)	38
Intangible assets	–	–	–	–	32	32
Property, plant and equipment	1	–	1	39	1	40
Deferred tax asset	–	–	–	–	12	12
<b>Total assets</b>	<b>837</b>	<b>(20)</b>	<b>817</b>	<b>2,158</b>	<b>10</b>	<b>2,168</b>
<b>Liabilities</b>						
Long- and short-term borrowings	–	–	–	1,974	–	1,974
Other liabilities	–	–	–	55	–	55
Deferred tax liabilities	–	–	–	–	9	9
<b>Total liabilities</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>2,029</b>	<b>9</b>	<b>2,038</b>
<b>Net assets acquired</b>	<b>837</b>	<b>(20)</b>	<b>817</b>	<b>129</b>	<b>1</b>	<b>130</b>
<b>Acquisition cost</b>						
Cash paid			765			35
Attributable costs			–			3
<b>Total consideration</b>			<b>765</b>			<b>38</b>
<b>Gains on acquisitions</b>			<b>52</b>			<b>92</b>

The contribution to the consolidated profit before tax of the acquired businesses in the table above for the period from the acquisition date to 31st December 2008 is £1m loss for Macquarie Bank Limited businesses and £40m profit for the Goldfish credit card UK businesses.

The excess remaining after the reassessment of the acquirees' identifiable assets, liabilities and contingent liabilities which has been recognised within the consolidated income statement as a gain on acquisition is £52m for Macquarie Bank Limited businesses and £92m for Goldfish credit card UK businesses.

**39 Acquisitions (continued)****(c) Expobank**

On 1st July 2008, the Group acquired 100% of the ordinary shares of Expobank, a Russian bank.

The assets and liabilities of the Russian bank, Expobank before and after the acquisition, details of the purchase price and the goodwill arising were as follows:

	Carrying value pre-acquisition £m	Fair value adjustments £m	Fair values £m
<b>Assets</b>			
Cash and balances at central banks	73	–	73
Trading portfolio assets	52	–	52
Loans and advances to customers	446	5	451
Other assets	9	–	9
Intangible assets	–	45	45
Property, plant and equipment	28	–	28
<b>Total assets</b>	<b>608</b>	<b>50</b>	<b>658</b>
<b>Liabilities</b>			
Deposits from banks	71	–	71
Customer accounts	318	–	318
Debt securities in issue	103	–	103
Other liabilities	16	–	16
<b>Total liabilities</b>	<b>508</b>	<b>–</b>	<b>508</b>
<b>Net assets acquired</b>	<b>100</b>	<b>50</b>	<b>150</b>
<b>Goodwill</b>			<b>243</b>
<b>Total</b>			<b>393</b>
<b>Acquisition cost</b>			
Cash paid			386
Attributable costs			7
<b>Total consideration</b>			<b>393</b>

The excess of proceeds over the net assets acquired has generated goodwill of £243m and is attributable to the operational synergies and earnings potential expected to be realised over the longer term.

The results of the business's operations have been included from 1st July 2008 and contributed £13m loss to the consolidated profit before tax.

**Cash outflows in respect of acquisitions**

The aggregate net outflow of cash from the acquisition of the above Group businesses and entities was as follows:

	2008 £m
Cash consideration on acquisitions	2,070
Cash and cash equivalents acquired	(1,109)
<b>Cash outflow on acquisition</b>	<b>961</b>
Cash paid in respect of acquisition of shares in Barclays Global Investors UK Holdings Limited	157
<b>Increase in investment in subsidiaries</b>	<b>157</b>



# Notes to the accounts

## For the year ended 31st December 2008

### 40 Investment in subsidiaries

The investment in Barclays Bank PLC is stated in the balance sheet of Barclays PLC at a cost of £15,340m (2007: £10,186m). The increase of £5,154m (2007: £1,545m) during the year represents the cost of additional shares of £16m (2007: £111m), capital contributions of £4,362m (2007: £1,434m), and a non-cash capital contribution of £776m.

The investment in Barclays Investments (Netherlands) N.V. was liquidated in September 2008. The investment was stated in the balance sheet of Barclays PLC at a cost of £205m in 2007.

The investment in Odysseus Jersey (No. 1) Limited was liquidated in September 2008. The investment was stated in the balance sheet of Barclays PLC at a cost of £0.1m in 2007.

### 41 Principal subsidiaries

Country of registration or incorporation	Company name	Nature of business	Percentage of equity capital held %
Botswana	Barclays Bank of Botswana Limited	Banking	74.9
Egypt	Barclays Bank Egypt SAE	Banking	100
England	Barclays Bank PLC	Banking, holding company	100*
England	Barclays Mercantile Business Finance Limited	Loans and advances including leases to customers	100*
England	Barclays Global Investors UK Holdings Limited	Holding company	95.5
England	Barclays Global Investors Limited	Investment management	95.5*
England	Barclays Bank Trust Company Limited	Banking, securities industries and trust services	100*
England	Barclays Stockbrokers Limited	Stockbroking	100*
England	Barclays Capital Securities Limited	Securities dealing	100*
England	Barclays Global Investors Pensions Management Limited	Investment management	95.5*
England	FIRSTPLUS Financial Group PLC	Secured loan provider	100
England	Gerrard Investment Management Limited	Investment management	100*
Ghana	Barclays Bank of Ghana Limited	Banking	100
Ireland	Barclays Insurance (Dublin) Limited	Insurance provider	100*
Ireland	Barclays Assurance (Dublin) Limited	Insurance provider	100*
Isle of Man	Barclays Private Clients International Limited <sup>a</sup>	Banking	100*
Japan	Barclays Capital Japan Limited	Securities dealing	100*
Jersey	Barclays Private Bank & Trust Limited	Banking, trust company	100*
Kenya	Barclays Bank of Kenya Limited	Banking	68.5
Russia	Barclays Bank LLC	Banking	100*
South Africa	Absa Group Limited	Banking	58.6
Spain	Barclays Bank SA	Banking	99.7
Switzerland	Barclays Bank (Suisse) S.A.	Banking and trust services	100
USA	Barclays Capital Inc.	Securities dealing	100*
USA	Barclays Financial Corporation	Holding company for US credit card issuer	100*
USA	Barclays Global Investors, National Association	Investment management and securities industry	95.5*
USA	Barclays Group USA Inc.	Holding company	100
Zimbabwe	Barclays Bank of Zimbabwe Limited	Banking	67.8*

In accordance with Section 231(5) of the Companies Act 1985, the above information is provided solely in relation to principal subsidiaries.

The country of registration or incorporation is also the principal area of operation of each of the above subsidiaries. Investments in these subsidiaries are held directly by Barclays Bank PLC except where marked \*.

Full information of all subsidiaries will be included in the Annual Return to be filed at Companies House.

#### Note

a BBPLC is the beneficial owner of 38.1% of shares and Barclays Holdings (Isle of Man) Limited is the beneficial owner of 61.9% of shares.

#### 42 Other entities

There are a number of entities that do not qualify as subsidiaries under UK Law but which are consolidated when the substance of the relationship between the Group and the entity (usually a Special Purpose Entity (SPE)) indicates that the entity is controlled by the Group. Such entities are deemed to be controlled by the Group when relationships with such entities gives rise to benefits that are in substance no different from those that would arise were the entity a subsidiary.

The consolidation of such entities may be appropriate in a number of situations, but primarily when:

- the operating and financial policies of the entity are closely defined from the outset (i.e. it operates on an 'autopilot' basis) with such policies being largely determined by the Group;
- the Group has rights to obtain the majority of the benefits of the entity and/or retains the majority of the residual or ownership risks related to the entity; or
- the activities of the entity are being conducted largely on behalf of the Group according to its specific business objectives.

Such entities are created for a variety of purposes including securitisation, structuring, asset realisation, intermediation and management.

Entities may have a different reporting date from that of the parent of 31st December. Dates may differ for a variety of reasons including local reporting regulations or tax laws. In accordance with our accounting policies, for the purpose of inclusion in the consolidated financial statements of Barclays PLC, entities with different reporting dates are made up until 31st December.

Entities may have restrictions placed on their ability to transfer funds, including payment of dividends and repayment of loans, to their parent entity. Reasons for the restrictions include:

- Central bank restrictions relating to local exchange control laws.
- Central bank capital adequacy requirements.
- Company law restrictions relating to treatment of the entities as going concerns.

Although the Group's interest in the equity voting rights in certain entities exceeds 50%, or it may have the power to appoint a majority of their Boards of Directors, they are excluded from consolidation because the Group either does not direct the financial and operating policies of these entities, or on the grounds that another entity has a superior economic interest in them. Consequently, these entities are not deemed to be controlled by Barclays.

The table below includes information in relation to such entities as required by the Companies Act 1985, Section 231(5).

Country of registration or incorporation	Name	Percentage of ordinary share capital held %	Equity share-holders' funds £m	Retained loss for the year £m
UK	Oak Dedicated Limited	100	(4)	(1)
UK	Oak Dedicated Two Limited	100	(4)	–
UK	Oak Dedicated Three Limited	100	1	–
UK	Fitzroy Finance Limited	100	–	–
Cayman Islands	St James Fleet Investments Two Limited	100	2	–
Cayman Islands	BNY BT NewCo Limited	–	–	–

# Notes to the accounts

## For the year ended 31st December 2008

### 43 Related party transactions and Directors' remuneration

#### (a) Related party transactions

Parties are considered to be related if one party has the ability to control the other party or exercise significant influence over the other party in making financial or operation decisions, or one other party controls both. The definition includes subsidiaries, associates, joint ventures and the Group's pension schemes, as well as other persons.

#### Subsidiaries

Transactions between Barclays PLC and subsidiaries also meet the definition of related party transactions. Where these are eliminated on consolidation, they are not disclosed in the Group financial statements. Transactions between Barclays PLC and its subsidiary, Barclays Bank PLC are fully disclosed directly in its balance sheet and income statement. A list of the Group's principal subsidiaries is shown in Note 41.

#### Associates, joint ventures and other entities

The Group provides banking services to its associates, joint ventures, the Group pension funds (principally the UK Retirement Fund) and to entities under common directorships, providing loans, overdrafts, interest and non-interest bearing deposits and current accounts to these entities as well as other services. Group companies, principally within Barclays Global Investors, also provide investment management and custodian services to the Group pension schemes. The Group also provides banking services for unit trusts and investment funds managed by Group companies and are not individually material. All of these transactions are conducted on the same terms as third-party transactions.

Amounts included in the accounts, in aggregate, by category of related party entity are as follows:

	For the year ended and as at 31st December 2008				
	Associates	Joint ventures	Entities under common directorships	Pension funds unit trusts and investment funds	Total
	£m	£m	£m	£m	£m
<b>Income statement:</b>					
Interest received	–	105	3	–	108
Interest paid	–	(73)	–	–	(73)
Fees received for services rendered (including investment management and custody and commissions)	–	15	–	5	20
Fees paid for services provided	(44)	(146)	–	–	(190)
Principal transactions	8	59	60	(25)	102
<b>Assets:</b>					
Loans and advances to banks and customers	110	954	34	–	1,098
Derivative transactions	–	9	311	15	335
Other assets	67	276	–	3	346
<b>Liabilities:</b>					
Deposits from banks	–	592	–	–	592
Customer accounts	–	167	74	10	251
Derivative transactions	–	–	111	41	152
Other liabilities	3	18	–	28	49

## 43 Related party transactions and Directors' remuneration (continued)

	For the year ended and as at 31st December 2007 <sup>a</sup>				
	Associates £m	Joint ventures £m	Entities under common directorships £m	Pension funds unit trusts and investment funds £m	Total £m
<b>Income statement:</b>					
Interest received	5	88	1	–	94
Interest paid	(1)	(58)	(1)	–	(60)
Fees received for services rendered (including investment management and custody and commissions)	1	34	–	26	61
Fees paid for services provided	(52)	(78)	–	–	(130)
Principal transactions	(27)	45	(16)	–	2
<b>Assets:</b>					
Loans and advances to banks and customers	142	1,285	40	–	1,467
Derivative transactions	–	4	36	–	40
Other assets	213	106	–	14	333
<b>Liabilities:</b>					
Deposits from banks	11	–	–	–	11
Customer accounts	–	61	33	12	106
Derivative transactions	–	10	50	–	60
Other liabilities	4	125	–	–	129

	For the year ended and as at 31st December 2006 <sup>a</sup>				
	Associates £m	Joint ventures £m	Entities under common directorships £m	Pension funds unit trusts and investment funds £m	Total £m
<b>Income statement:</b>					
Interest received	45	38	–	2	85
Interest paid	(31)	(57)	–	–	(88)
Fees received for services rendered (including investment management and custody and commissions)	14	7	–	28	49
Fees paid for services provided	(115)	(51)	–	(1)	(167)
Principal transactions	3	–	(2)	–	1
<b>Assets:</b>					
Loans and advances to banks and customers	784	146	65	–	995
Derivative transactions	–	–	–	–	–
Other assets	19	3	–	17	39
<b>Liabilities:</b>					
Deposits from banks	9	–	–	3	12
Customer accounts	19	18	5	34	76
Derivative transactions	–	–	2	–	2
Other liabilities	13	8	–	–	21

No guarantees, pledges or commitments have been given or received in respect of these transactions in 2008, 2007 or 2006.

Derivatives transacted on behalf of the Pensions Funds Unit Trusts and Investment Funds amounted to £318m (2007: £22m, 2006: £1,209m).

In 2008 Barclays paid £12m (2007: £18m) of its charitable donations through the Charities Aid Foundation, a registered charitable organisation, in which a Director of the Company is a Trustee.

**Note**

a The amounts reported in prior periods have been restated to reflect new related parties.

# Notes to the accounts

## For the year ended 31st December 2008

### 43 Related party transactions and Directors' remuneration (continued)

#### Key Management Personnel

The Group's Key Management Personnel, and persons connected with them, are also considered to be related parties for disclosure purposes. Key Management Personnel are defined as those persons having authority and responsibility for planning, directing and controlling the activities of Barclays PLC (directly or indirectly) and comprise the Directors of Barclays PLC and the Officers of the Group, certain direct reports of the Group Chief Executive and the heads of major business units.

In the ordinary course of business, the Bank makes loans to companies where a Director or other member of Key Management Personnel (or any connected person) is also a Director or other member of Key Management Personnel (or any connected person) of Barclays.

There were no material related party transactions with companies where a Director or other member of Key Management Personnel (or any connected person) is also a Director or other member of Key Management Personnel (or any connected person) of Barclays.

The Group provides banking services to Directors and other Key Management Personnel and persons connected to them. Transactions during the year and the balances outstanding at 31st December 2008 were as follows:

	Directors, other Key Management Personnel and connected persons		
	2008 £m	2007 £m	2006 £m
<b>Loans outstanding at 1st January</b>	<b>7.4</b>	7.8	7.4
Loans issued during the year	6.9	2.7	2.7
Loan repayments during the year	(5.5)	(3.2)	(2.3)
<b>Loans outstanding at 31st December</b>	<b>8.8</b>	7.3	7.8
Interest income earned	0.4	0.4	0.3

No allowances for impairment were recognised in respect of loans to Directors or other members of Key Management Personnel (or any connected person) in 2008, 2007 or 2006.

	2008 £m	2007 £m	2006 £m
<b>Deposits outstanding at 1st January</b>	<b>8.9</b>	15.0	4.7
Deposits received during the year	235.7	114.4	105.2
Deposits repaid during the year	(221.9)	(115.0)	(94.8)
<b>Deposits outstanding at 31st December</b>	<b>22.7</b>	14.4	15.1
Interest expense on deposits	0.5	0.6	0.2

Of the loans outstanding above, £1.6m (2007: £nil, 2006: £nil) relates to Directors and other Key Management Personnel (and persons connected to them) that left the Group during the year. Of the deposits outstanding above, £6.1m (2007: £2.8m, 2006: £0.1m) related to Directors and other Key Management Personnel (and persons connected to them) that left the Group during the year.

All loans are provided on normal commercial terms to Directors and other Key Management Personnel (and persons connected to them), with the exception of £692 of loans which are provided on an interest free basis.

The loans of £692 provided on an interest free basis relate to the granting of loans to one non-Director member of Barclays key management to purchase commuter rail tickets. The commuter rail ticket loans are still provided to all Barclays staff members upon request on the same terms.

All loans to Directors and other key management personnel (a) were made in the ordinary course of business, (b) were made on substantially the same terms, including interest rates and collateral, as those prevailing at the same time for comparable transactions with other persons and (c) did not involve more than a normal risk of collectability or present other unfavourable features.

## 43 Related party transactions and Directors' remuneration (continued)

## Remuneration of Directors and other Key Management Personnel

	Directors, other Key Management Personnel and connected persons		
	2008 £m	2007 £m	2006 £m
Salaries and other short-term benefits	10.7	23.7	34.2
Pension costs	0.9	1.1	0.8
Other long-term benefits	1.6	9.2	9.3
Termination benefits	–	–	1.4
Share-based payments	11.8	31.7	27.2
Employer social security charges on emoluments	2.7	7.8	10.0
	27.7	73.5	82.9

## (b) Disclosure required by the Companies Act 1985

The following information is presented in accordance with the Companies Act 1985:

## Directors' remuneration

	2008 £m	2007 £m
Aggregate emoluments	6.0	29.2
Gains made on the exercise of share options	–	0.3
Amounts paid under long-term incentive schemes	7.4	–
Actual pension contributions to money purchase scheme (2008: one Director, £11,745 and 2007: one Director, £10,233)	–	–
Notional pension contributions to money purchase scheme (2008: no Directors and 2007: no Directors)	–	–
	13.4	29.5

As at 31st December 2008, two Directors were accruing retirement benefits under a defined benefit scheme (2007: three Directors).

One Director (Frits Seegers) agreed to waive his fees as non-executive Director of Absa Group Limited and Absa Bank Limited. The fees for 2008 were ZAR 0.4m (£0.03m). The fees for 2007 were ZAR 0.5m (£0.03m). In both 2007 and 2008 the fees were paid to Barclays.

## Directors' and Officers' shareholdings and options

The beneficial ownership of the ordinary share capital of Barclays PLC by all Directors and Officers of Barclays PLC (involving 20 persons) and Barclays Bank PLC (involving 21 persons) at 31st December 2008 amounted to 8,036,962 ordinary shares of 25p each (0.10% of the ordinary share capital outstanding) and 8,037,498 ordinary shares of 25p each (0.10% of the ordinary share capital outstanding), respectively.

Executive Directors and Officers of Barclays PLC as a group (involving 8 persons) held, at 31st December 2008, options to purchase 2,185,380 Barclays PLC ordinary shares of 25p each at prices ranging from 255p to 510p under Sharesave and at 397p under the Executive Share Option Scheme and ranging from 317p to 534p under the Incentive Share Option Plan, respectively.

## Contracts with Directors (and their connected persons) and Managers

The aggregate amounts outstanding at 31st December 2008 under transactions, arrangements and agreements made by banking companies within the Group for persons who are, or were during the year, Directors of Barclays PLC and persons connected with them, as defined in the Companies Act 2006, and for Managers, within the meaning of the Financial Services and Markets Act 2000, of Barclays Bank PLC were:

	Number of Directors or Managers	Number of connected persons	Amount £m
<b>Directors</b>			
Loans	1	1	6.1
Quasi-loans and credit card accounts	8	1	–
<b>Managers</b>			
Loans	3	n/a	14.0
Quasi-loans and credit card accounts	7	n/a	–

## (c) US disclosures

For US disclosure purposes, the aggregate emoluments of all Directors and Officers of Barclays PLC who held office during the year (2008: 24 persons, 2007: 22 persons, 2006: 24 persons) for the year ended 31st December 2008 amounted to £26.8m (2007: £64.6m, 2006: £72.1m). In addition, the aggregate amount set aside for the year ended 31st December 2008, to provide pension benefits for the Directors and Officers amounted to £0.9m (2007: £1.1m, 2006: £0.8m). The aggregate emoluments of all Directors and Officers of Barclays Bank PLC who held office during the year (2008: 25 persons, 2007: 23 persons, 2006: 25 persons) for the year ended 31st December 2008 amounted to £26.9m, (2007: £64.9m and 2006: £72.2m). In addition, the aggregate amount set aside by the Bank and its subsidiaries for the year ended 31st December 2008, to provide pension benefits for the Directors and Officers amounted to £0.9m (2007: £1.1m, 2006: £0.8m).



# Notes to the accounts

## For the year ended 31st December 2008

### 44 Events after the balance sheet date

On 2nd February 2009, Barclays completed the acquisition of PT Bank Akita, which was announced initially on 17th September 2008, following the approval of the Central Bank of Indonesia.

On 17th February 2009, Barclays announced that Barclays Capital will discontinue operations at its Equifirst subsidiary due to the market environment and strategic direction of the Group.

### 45 Share-based payments

The Group operates share schemes for employees throughout the world. The main current schemes are:

#### Sharesave

Eligible employees in the UK, Spain and Ireland may participate in the Barclays Sharesave scheme. Under this scheme, employees may enter into contracts to save up to £250 per month (Ireland: €500, Spain: €135) and, at the expiry of a fixed term of three, five or seven years (Spain: three years), have the option to use these savings to acquire shares in the Company at a discount, calculated in accordance with the rules of the scheme. The discount is currently 20% of the market price at the date the options are granted. Participants in the scheme have six months from the date of vest in which the option can be exercised.

#### Sharepurchase

Sharepurchase was introduced in January 2002. It is an HM Revenue & Customs approved all-employee share plan. The plan is open to all eligible UK employees, including executive Directors. Under the plan, participants are able to purchase up to £1,500 worth of Barclays PLC ordinary shares per tax year, which, if kept in trust for five years, can be withdrawn from the plan tax-free. Matching shares were introduced to the scheme during 2005 where the purchase of Barclays shares by the participant are matched equally by the Company up to a value of £600 per tax year. Any shares in the plan will earn dividends in the form of additional shares, which must normally be held by the trustee for three years before being eligible for release.

#### Executive Share Award Scheme (ESAS)

For certain employees of the Group an element of their annual bonus is in the form of a deferred award of a provisional allocation of Barclays PLC shares under ESAS. The total value of the bonus made to the employee of which ESAS is an element is dependent upon the business unit, Group and individual employee performance. The ESAS element of the annual bonus must normally be held for at least three years. Additional bonus shares are subsequently awarded to recipients of the provisional allocation and vest upon achieving continued service for three and five years from the date of award. ESAS awards are also made to eligible employees for recruitment purposes. All awards are subject to potential forfeit if the individual resigns and commences work with a competitor business.

#### Performance Share Plan (PSP)

The Performance Share Plan (PSP) was approved by shareholders at the 2005 AGM to replace the ISOP scheme. Performance shares are 'free' Barclays shares for which no exercise price is payable and which qualify for dividends. Performance share awards are communicated to participants as an initial allocation. Barclays performance over a three-year period determines the final number of shares that may be released to participants.

#### Incentive Share Plan (Incentive Shares)

The Incentive Share Plan (Incentive Shares) was introduced in March 2008. Incentive Shares are granted to participants in the form of a provisional allocation of Barclays shares which vest upon achieving continued service after three years. Participants do not pay to receive an award or to receive a release of shares. Incentive Shares qualify for dividends.

Options granted under the following schemes are over subsidiaries of Barclays PLC:

#### Absa Group Broad-based Black Economic Empowerment Transaction (BEE)

On 25th June 2004, Absa shareholders approved the allocation of 73,152,300, redeemable cumulative option-holding Absa preference shares to Batho Bonke Capital Limited. Each redeemable preference share carries the option to acquire one Absa ordinary share. The shares carry the same rights as ordinary shares including voting rights, and receive dividends which are payable semi-annually. Options vested immediately on date of issue and lapse after five years from the date of issue. Exercise may occur in lots of 100 only and within a price range varying from R48 to R69 (£3.16–£4.55) dependent on the 30-day volume weighted trading price on the JSE Limited. Options are redeemed by Absa on the final exercise date.



#### 45 Share-based payments (continued)

##### Absa Group Limited Share Incentive Trust (AGLSIT)

In terms of the rules of Absa Group Limited Share Incentive Trust, the maximum number of shares which may be issued or transferred and/or in respect of which options may be granted to the participants shall be limited to shares representing 10% of the total number of issued shares from time to time. This is an equity-settled share-based payment arrangement and options are allocated to Absa employees according to the normal human resources talent management processes. The options issued up to August 2005 had no performance criteria linked to them and vested in equal tranches after three, four and five years respectively. No dividends accrue to the option holder over the vesting period. The options expire after a period of ten years from the issuing date. Options issued since August 2005 have performance criteria associated with them, which require headline earnings per share to exceed an agreed benchmark over a three-year period from the grant date for the options to vest. Participants need to be in the employ of Absa at the vesting date in order to be entitled to the options.

##### Absa Group Limited Share Ownership Administrative Trust (AGLSOT)

AGLSOT enabled all Absa employees to participate in a one-off offer to purchase 200 redeemable cumulative option-holding preference shares. Each redeemable preference share carries the option to acquire one Absa ordinary share. Options vest after three years and lapse after five years from the date of issue. Exercise may occur in lots of 100 only and within a price range varying from R48 to R69 (£3.16–£4.55) dependent on the 30-day volume weighted trading price on the JSE Limited. Options are redeemed by Absa on the final exercise date.

##### Absa Group Limited Executive Share Award Scheme (AGLESAS)

The ESAS is an equity-settled share-based payment arrangement, where the participant's notional bonus comprises a number of restricted nil-cost options, based on the allocation price of ordinary shares. Such an initial allocation is held in trust or in the name of the participant. If the participant is in the employ of the Group after the three-year vesting period, the participant will receive 20% matched shares. If the bonus award remains in the ESAS for another two years, the participant receives another 10% matched shares. Dividend shares are paid to participants on the ordinary shares as if the shares were held from inception. The number of dividend shares awarded is therefore calculated on the initial allocation and on the 20% and/or 10% matched shares, over the three- or five-year period. Employees that receive a performance bonus in excess of a predetermined amount were compelled to place a set percentage of their bonus award into the ESAS. Employees also had the option of utilising more of their bonus award for voluntary ESAS options.

In addition, options remain outstanding under the following closed schemes:

##### Barclays Global Investors Equity Ownership Plan (BGI EOP)

The Equity Ownership Plan was extended to key employees of BGI. The exercise price of the options was determined by the Remuneration Committee of Barclays PLC based on the fair value of BGI as determined by an independent appraiser. The options were granted over shares in Barclays Global Investors UK Holdings Limited, a subsidiary of Barclays Bank PLC.

Options are not exercisable until vesting, with a third of the options held generally becoming exercisable at each anniversary of grant. The shareholder has the right to offer to sell the shares to Barclays Bank PLC 355 days following the exercise of the option. Barclays Bank PLC may accept the offer and purchase the shares at the most recently agreed valuation but is under no obligation to do so. Options lapse ten years after grant. The most recently agreed valuation was £87.22, at 31st March 2008. No awards were made under the BGI EOP in 2008.

##### Incentive Share Option Plan (ISOP)

The ISOP was open by invitation to the employees and Directors of Barclays PLC. Options were granted at the market price at the date of grant calculated in accordance with the rules of the plan, and are normally exercisable between three and ten years from that date. The final number of shares over which the option may be exercised is determined by reference to set performance criteria. The number of shares under option represents the maximum possible number that may be exercised. No awards were made under ISOP during 2008.

##### Executive Share Option Scheme (ESOS)

The ESOS is a long-term incentive scheme and was available by invitation to certain senior executives of the Group with grants usually made annually. Options were issued with an exercise price equivalent to the market price at the date of the grant without any discount, calculated in accordance with the rules of the scheme, and are normally exercisable between three and ten years from that date. No further awards are made under ESOS.

##### Woolwich Executive Share Option Plan (Woolwich ESOP)

Options originally granted over Woolwich PLC shares at market value were exercised in 2001 or exchanged, in accordance with the proposals made under the offer to acquire the Woolwich, for options over Barclays PLC shares. Under the rules of ESOP, the performance conditions attached to the exercise of options were disappplied on acquisition of Woolwich PLC by Barclays. Options lapse ten years after grant.

At the balance sheet date the following cash-settled schemes operated within the Group:

##### Absa Group Limited Phantom Performance Share Plan (Phantom PSP)

The Phantom PSP is a cash-settled plan and payments made to participants in respect of their awards are in the form of cash. The Phantom PSP shares (and any associated notional dividend shares) are awarded at no cost to the participants. The amount that is ultimately paid to the participants is equal to the market value of a number of ordinary shares as determined after a three-year vesting period. The vesting of the Phantom PSP awards will be subject to two non-market performance conditions which will be measured over a three-year period, starting on the first day of the financial year in which the award is made. The award will vest after three years to the extent that the performance conditions are satisfied. These awards are forfeited in total if Absa performance fails to meet the minimum criteria

##### Absa Group Limited Phantom Executive Share Award Scheme (Phantom ESAS)

The Phantom ESAS is a cash-settled share-based payment arrangement, where the participant's notional bonus comprises a number of restricted nil-cost options, based on the allocation price of ordinary shares. If the participant is in the employ of the Group after the three-year vesting period, the participant will receive 20% bonus phantom shares. If the bonus award remains in the Phantom ESAS for another two years, the participant receives an additional 10% bonus phantom shares. Dividend phantom shares are paid to participants on the ordinary phantom shares as if the shares were held from inception. The number of dividend phantom shares awarded is therefore calculated on the initial allocation and on the 20% and 10% bonus phantom shares, over the five-year period. Employees that receive performance bonuses in excess of a predetermined amount are compelled to place a set percentage of the bonus award in the Phantom

ESAS. Employees also have the option of utilising more of their bonus award for voluntary ESAS phantom shares.

# Notes to the accounts

## For the year ended 31st December 2008

### 45 Share-based payments (continued)

The weighted average fair value per option granted during the year is as follows:

	2008 £	2007 £
Sharesave	0.92	1.25
Sharepurchase	3.38	6.84
ISP	4.22	n/a
ESAS	4.09	6.96
PSP	4.89	8.03
BGI EOP	n/a	22.18
AGLSIT	n/a	3.18
AGLESAS	7.17	n/a

Fair values for Sharesave, PSP, BGI EOP and AGLSIT are calculated at the date of grant using either a Black-Scholes model or Monte Carlo simulation. No further grants have been made under the BGI EOP since 2008. Sharepurchase, ESAS, and AGLESAS are nil cost awards on which the performance conditions are substantially completed at the date of grant. Consequently the fair value of these awards is based on the market value at that date.

As described above, the terms of the ESAS scheme require shares to be held for a set number of years from the date of vest. The calculation of the vest date fair value of such awards includes a reduction for this post-vesting restriction. This discount is determined by calculating how much a willing market participant would rationally pay to remove the restriction using a Black-Scholes option pricing model. The total discount required in 2008 is £10m (2007: £66m, 2006: £62m).

The significant weighted average assumptions used to estimate the fair value of the options granted in 2008 are as follows:

	2008		
	Sharesave	PSP	AGLESAS
Weighted average share price	3.11	5.45	7.17
Weighted average exercise price	2.51	2.07	–
Expected volatility	37%	37%	0%
Expected option life	4 years	3 years	5 years

The significant weighted average assumptions used to estimate the fair value of the options granted in 2007 are as follows:

	2007			
	Sharesave	PSP	BGI EOP	AGLSIT
Weighted average share price	5.82	7.07	95.33	9.18
Weighted average exercise price	4.81	–	95.33	7.62
Expected volatility	25%	25%	20%	30%
Expected option life	4 years	3 years	4 years	5 years

The significant weighted average assumptions used to estimate the fair value of the options granted in 2006 are as follows:

	2006			
	Sharesave	PSP	BGI EOP	AGLSIT
Weighted average share price	6.20	6.74	81.12	8.92
Weighted average exercise price	5.11	–	81.12	6.57
Expected volatility	25%	25%	24%	29%
Expected option life	4 years	3 years	4 years	5 years

Expected volatility and dividend yield on the date of grant have been used as inputs into the respective valuation models for Sharesave and PSP. Expected volatility has been determined using historical volatility of its peers over the expected life of the options for BGI EOP and AGLSIT applies a five-year rolling period.

The yield on UK government bonds with a commensurate life has been used to determine the risk-free discount rate of 4% for all schemes other than AGLSIT. Option life is estimated based upon historical data for the holding period of options between grant and exercise dates. The risk-free rate on the AGLSIT scheme represents the yield, recorded on date of option grant, on South African government zero coupon bond of a term commensurate to the expected life of the option.

45 Share-based payments (continued)

For the purposes of determining the expected life and number of options to vest, historical exercise patterns have been used, together with an assumption that a certain percentage of options will lapse due to leavers.

The assumed dividend yield for Barclays PLC is the average annual dividend yield on the date of grant of 5%. Dividend yield for AGLSIT of 3.5% was based on the average 12-month trailing yield over the year to grant date.

Analysis of the movement in the number and weighted average exercise price of options is set out below:

	Sharesave <sup>a</sup>				Sharepurchase <sup>a, c</sup>			
	Number (000s)		Weighted average ex. price (£)		Number (000s)		Weighted average ex. price (£)	
	2008	2007	2008	2007	2008	2007	2008	2007
<b>Outstanding at beginning of year</b>	<b>74,027</b>	78,929	<b>4.48</b>	4.22	<b>3,824</b>	2,472	–	–
Granted in the year	<b>56,024</b>	18,748	<b>2.51</b>	4.81	<b>3,834</b>	1,852	–	–
Adjustment in grants for open offer	<b>1,354</b>	–	<b>4.33</b>	–	–	–	–	–
Exercised/released in the year	<b>(3,357)</b>	(18,018)	<b>3.71</b>	3.70	<b>(64)</b>	(256)	–	–
Less: forfeited in the year	<b>(33,917)</b>	(5,632)	<b>4.35</b>	4.53	<b>(633)</b>	(244)	–	–
Less: expired in the year	–	–	–	–	–	–	–	–
<b>Outstanding at end of year</b>	<b>94,131</b>	74,027	<b>1.83</b>	4.48	<b>6,961</b>	3,824	–	–
<b>Of which exercisable:</b>	<b>4,025</b>	2,324	<b>3.71</b>	3.69	<b>737</b>	–	–	–

	ESAS <sup>a, c</sup>				PSP <sup>a, c</sup>			
	Number (000s)		Weighted average ex. price (£)		Number (000s)		Weighted average ex. price (£)	
	2008	2007	2008	2007	2008	2007	2008	2007
<b>Outstanding at beginning of year</b>	<b>182,200</b>	142,359	–	–	<b>63,163</b>	42,832	–	–
Granted in the year	<b>141,269</b>	76,064	–	–	<b>8,528</b>	20,331	–	–
Adjustment in grants for open offer	<b>6,884</b>	–	–	–	<b>1,370</b>	–	–	–
Exercised/released in the year	<b>(56,231)</b>	(31,036)	–	–	<b>(1,467)</b>	–	–	–
Less: forfeited in the year	<b>(6,185)</b>	(5,187)	–	–	<b>(20,865)</b>	–	–	–
Less: expired in the year	–	–	–	–	–	–	–	–
<b>Outstanding at end of year</b>	<b>267,937</b>	182,200	–	–	<b>50,729</b>	63,163	–	–
<b>Of which exercisable:</b>	<b>15,131</b>	16,587	–	–	–	–	–	–

	ISP <sup>a, c</sup>				Absa BEE <sup>b</sup>			
	Number (000s)		Weighted average ex. price (£)		Number (000s)		Weighted average ex. price (£)	
	2008	2007	2008	2007	2008	2007	2008	2007
<b>Outstanding at beginning of year/acquisition date</b>	–	–	–	–	<b>73,152</b>	73,152	<b>3.40-3.89</b>	3.50-5.03
Granted in the year	<b>6,923</b>	–	–	–	–	–	–	–
Adjustment in grants for open offer	<b>177</b>	–	–	–	–	–	–	–
Exercised/released in the year	–	–	–	–	–	–	–	–
Less: forfeited in the year	–	–	–	–	–	–	–	–
Less: expired in the year	–	–	–	–	–	–	–	–
<b>Outstanding at end of year</b>	<b>7,100</b>	–	–	–	<b>73,152</b>	73,152	<b>3.16-4.55</b>	3.40-3.89
<b>Of which exercisable:</b>	–	–	–	–	<b>73,152</b>	73,152	<b>3.16-4.55</b>	3.40-3.89

	AGLSIT <sup>b</sup>				AGLSOT <sup>b</sup>			
	Number (000s)		Weighted average ex. price (£)		Number (000s)		Weighted average ex. price (£)	
	2008	2007	2008	2007	2008	2007	2008	2007
<b>Outstanding at beginning of year/acquisition date</b>	<b>13,618</b>	18,778	<b>4.81</b>	3.87	<b>946</b>	4,847	<b>3.40-3.89</b>	3.50-5.03
Granted in the year	–	260	–	7.62	–	–	–	–
Exercised/released in the year	<b>(3,252)</b>	(4,668)	<b>3.37</b>	3.60	<b>(368)</b>	(3,592)	–	–

Less: forfeited in the year	(399)	(752)	4.96	5.22	(19)	(309)	3.16-4.55	3.40-3.89
Less: expired in the year	-	-	-	-	-	-	-	-
Outstanding at end of year	9,967	13,618	4.91	4.81	559	946	3.16-4.55	3.40-3.89
<b>Of which exercisable:</b>	<b>5,944</b>	<b>5,603</b>	<b>3.86</b>	<b>3.25</b>	<b>559</b>	<b>946</b>	<b>3.16-4.55</b>	<b>3.40-3.89</b>

**Notes**

- a Options/award granted over Barclays PLC shares.
- b Options/award granted over Absa Group Limited shares.
- c Nil cost award.

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## For the year ended 31st December 2008

### 45 Share-based payments (continued)

	AGLESAS <sup>c, d</sup>				BGI EOP <sup>b</sup>			
	Number (000s)		Weighted average ex. price (£)		Number (000s)		Weighted average ex. price (£)	
	2008	2007	2008	2007	2008	2007	2008	2007
<b>Outstanding at beginning of year/acquisition date</b>	<b>37</b>	37	–	–	<b>7,502</b>	6,929	<b>75.66</b>	57.79
Granted in the year	<b>1,019</b>	–	–	–	–	2,599	–	95.33
Exercised/released in the year	–	–	–	–	<b>(550)</b>	(1,632)	<b>34.35</b>	34.99
Less: forfeited in the year	<b>(41)</b>	–	–	–	<b>(368)</b>	(394)	<b>86.57</b>	59.63
Less: expired in the year	–	–	–	–	–	–	–	–
Outstanding at end of year	<b>1,015</b>	37	–	–	<b>6,584</b>	7,502	<b>78.50</b>	75.66
<b>Of which exercisable:</b>	–	–	–	–	<b>3,631</b>	1,556	<b>69.29</b>	47.00

	ISOP <sup>a</sup>				ESOS <sup>a</sup>			
	Number (000s)		Weighted average ex. price (£)		Number (000s)		Weighted average ex. price (£)	
	2008	2007	2008	2007	2008	2007	2008	2007
<b>Outstanding at beginning of year</b>	<b>20,549</b>	77,507	<b>4.56</b>	4.59	<b>1,423</b>	1,748	<b>4.13</b>	4.14
Granted in the year	–	–	–	–	–	–	–	–
Adjustment in grants for open offer	<b>537</b>	–	<b>4.44</b>	–	<b>12</b>	–	<b>4.33</b>	–
Exercised/released in the year	<b>(539)</b>	(9,718)	<b>4.06</b>	4.35	<b>(70)</b>	(325)	<b>3.97</b>	4.20
Less: forfeited in the year	–	(47,240)	–	4.66	<b>(892)</b>	–	<b>3.97</b>	–
Less: expired in the year	–	–	–	–	–	–	–	–
Outstanding at end of year	<b>20,547</b>	20,549	<b>4.44</b>	4.56	<b>473</b>	1,423	<b>4.33</b>	4.13
<b>Of which exercisable:</b>	<b>20,547</b>	20,238	<b>4.44</b>	4.54	<b>473</b>	1,423	<b>4.33</b>	4.13

	Woolwich ESOP <sup>a</sup>			
	Number (000s)		Weighted average ex. price (£)	
	2008	2007	2008	2007
<b>Outstanding at beginning of year</b>	<b>540</b>	700	<b>3.81</b>	3.81
Granted in the year	–	–	–	–
Adjustment in grants for open offer	<b>12</b>	–	<b>3.70</b>	–
Exercised/released in the year	<b>(104)</b>	(160)	<b>3.10</b>	3.84
Less: forfeited in the year	<b>(6)</b>	–	<b>3.65</b>	–
Less: expired in the year	–	–	–	–
Outstanding at end of year	<b>442</b>	540	<b>3.70</b>	3.81
<b>Of which exercisable:</b>	<b>442</b>	540	<b>3.70</b>	3.81

The table below shows the weighted average share price at the date of exercise/release of shares:

	2008	2007
	£	£
Sharesave <sup>a</sup>	<b>4.70</b>	5.72
Sharepurchase <sup>a, d</sup>	<b>1.59</b>	6.74
ESAS <sup>a, d</sup>	<b>4.07</b>	6.71
PSP	<b>2.07</b>	n/a
BGI EOP <sup>b</sup>	<b>87.22</b>	97.06
AGLSIT <sup>c</sup>	<b>6.78</b>	9.52
AGLSOT <sup>c</sup>	<b>6.79</b>	n/a
ISOP <sup>a</sup>	<b>4.59</b>	7.31
ESOS <sup>a</sup>	<b>4.74</b>	7.26
Woolwich ESOP <sup>a</sup>	<b>4.72</b>	7.24

#### Notes

- a Options/award granted over Barclays PLC shares.
- b Options/award granted over Barclays Global Investors UK Holdings Limited shares.
- c Options/award granted over Absa Group Limited shares.
- d Nil cost award.



## 45 Share-based payments (continued)

The exercise price range, the weighted average contractual remaining life and number of options outstanding (including those exercisable) at the balance sheet date are as follows:

Exercise Price Range	2008		2007	
	Weighted average remaining contractual life in years	Number of options outstanding	Weighted average remaining contractual life in years	Number of options outstanding
<b>Sharesave<sup>a</sup></b>				
£1.44-£2.49	3	2,121,926	–	–
£2.50-£3.49	4	54,437,940	–	328,822
£3.50-£4.49	1	19,986,642	2	40,371,606
£4.50-£5.49	3	17,584,689	4	33,327,119
<b>Sharepurchase<sup>a, d</sup></b>	2	6,960,593	2	3,824,021
<b>ESAS<sup>a, d</sup></b>	3	267,936,513	3	182,200,170
<b>ISP<sup>a, d</sup></b>	2	7,099,655	–	–
<b>PSP<sup>a, d</sup></b>	1	50,729,245	1	63,162,894
<b>BGI EOP<sup>b</sup></b>				
£6.11-£13.99	4	101,000	4	239,717
£14.00-£20.11	5	236,503	6	285,671
£20.12-£56.94	6	759,213	7	1,059,430
£56.95-£95.33	8	5,487,520	9	5,916,863
<b>Absa BEE<sup>c</sup></b>				
£3.16-£4.55	1	73,152,300	2	73,152,300
<b>AGLSIT<sup>c</sup></b>				
£1.66-£7.50	6	9,967,000	7	13,618,000
<b>AGLSOT<sup>c</sup></b>				
£3.16-£4.55	1	559,000	2	946,000
<b>AGLESAS<sup>c, d</sup></b>	3	1,015,000	3	37,059
<b>ISOP<sup>a</sup></b>				
£2.50-£3.49	4	3,862,322	5	3,965,300
£3.50-£4.49	2	1,558,449	3	1,409,828
£4.50-£5.49	4	14,899,933	5	14,896,227
£5.50-£6.49	7	225,894	7	277,096
<b>ESOS<sup>a</sup></b>				
£2.50-£3.49	–	–	–	4,000
£3.50-£4.49	1	472,561	1	1,418,818
<b>Woolwich ESOP<sup>a</sup></b>				
£2.50-£3.49	1	89,644	2	110,616
£3.50-£4.49	1	352,961	2	429,584

There were no modifications to the share-based payment arrangements in the years 2008, 2007 and 2006. As at 31st December 2008, the total liability arising from cash-settled share-based payment transactions was £23m (2007: £16m).

At 31st December 2008, 6.6 million (2007: 7.5 million) options were outstanding under the terms of the BGI EOP (which would represent a 7.3% interest if exercised). Employees in BGI own 4.5% of the shares in Barclays Global Investors UK Holdings Limited (2007: 5.9%). If all the current options were exercised, £516.9m (2007: £567.6m) would be subscribed. Since the scheme was introduced, options over 21.5 million (2007: 20.9 million) shares have been exercised, of which 3.8 million are still held by employees and represent a minority interest in the Group.

At 31st December 2008, there were 73.2 million, 10 million and 0.6 million options granted over Absa Group Limited shares under the Absa Group Limited Black Economic Empowerment Transaction, Absa Group Limited Share Incentive Trust and Absa Group Limited Share Ownership Administrative Trust respectively. In aggregate, these options would represent a 11.0% interest in Absa Group Limited if exercised.

## Impact of capital raising

During 2008, the number of shares in each award or option has been increased by 2.68% and any corresponding option exercise price has been decreased by 2.68% to reflect the impact of the capital raising in July. No adjustments were made for any other capital raising during 2008.

## Notes

- a Options /award granted over Barclays PLC shares.
- b Options /award granted over Barclays Global Investors UK Holdings Limited shares.
- c Options /award granted over Absa Group Limited shares.



d Nil cost award.

# Notes to the accounts

## For the year ended 31st December 2008

### 46 Financial risks

#### Financial risk management

Barclays PLC is a major global financial services provider engaged in retail and commercial banking, credit cards, investment banking, wealth management and investment management services. Financial instruments are fundamental to the Group's business and managing financial risks, especially credit risk, is a fundamental part of its business activity.

Barclays risk management policies and processes are designed to identify and analyse risk, to set appropriate risk appetite, limits, and controls, and to monitor the risks and adherence to limits by means of reliable and up-to-date data. Risk management policies, models and systems are regularly reviewed to reflect changes to markets, products and best market practice.

#### Risk responsibilities

The Board approves risk appetite and the Board Risk Committee monitors the Group's risk profile against this appetite:

- The Group Risk Director, under delegated authority from the Group Chief Executive and Group Finance Director, has responsibility for ensuring effective risk management and control;
- Business Heads are responsible for the identification and management of risk in their businesses;
- Business risk teams, each under the management of a Business Risk Director, are responsible for assisting Business Heads in the identification and management of their business risk profiles for implementing appropriate controls. These risk management teams also assist Group Risk in the formulation of Group Risk policy and the implementation of it across the businesses;
- Within Group Risk, Risk-Type Heads and their teams are responsible for establishing a risk control framework and risk oversight; and
- Internal Audit is responsible for the independent review of risk management and the control environment.

Oversight of risk management is exercised by the Risk Oversight Committee which is chaired by the Group Risk Director under authority delegated by the Group Finance Director. The Risk Oversight Committee oversees management of the Group's risk profile, exercised through the setting, review and challenge of the size and constitution of the profile when viewed against the Group risk appetite.

The Executive Committee monitors and manages risk-adjusted performance of businesses and receives a regular update on forward risk trends and the Group Risk Profile Report.

The Board Risk Committee (BRC) reviews the Group risk profile, approves the Group Control Framework and approves minimum control requirements for principal risks.

The Board Audit Committee (BAC) considers the adequacy and effectiveness of the Group Control Framework and receives quarterly reports on control issues of significance and half-yearly reports on impairment allowances and regulatory reports.

Both BRC and BAC also receive reports dealing in more depth with specific issues relevant at the time. The proceedings of both Committees are reported to the full Board. The Board approves the overall Group risk appetite.

The Risk Oversight Committee is chaired by the Group Risk Director and oversees the management of the Group's risk profile and all of its significant risks. Oversight is exercised through the setting, review and challenge of the size and constitution of the profile when viewed against the Group's risk appetite. It has delegated and apportioned responsibility for credit risk management to the Retail and Wholesale Credit Risk Management Committees.

The main financial risks affecting the Group are discussed in Notes 47 to 49.

### 47 Credit risk

Credit risk is the risk of suffering financial loss, should any of the Group's customers, clients or market counterparties fail to fulfil their contractual obligations to the Group. Credit risk arises mainly from commercial and consumer loans and advances, credit cards, and loan commitments arising from such lending activities, but can also arise from credit enhancement provided, such as financial guarantees, letters of credit, endorsements and acceptances.

Barclays is also exposed to other credit risks arising from investments in debt securities and other exposures arising from its trading activities ('trading exposures') including, non-equity trading portfolio assets, derivatives as well as settlement balances with market counterparties and reverse repurchase loans.

Losses arising from exposures held for trading (derivatives, debt securities) are accounted for as trading losses, rather than impairment charges, even though the fall in value causing the loss may be attributable to credit deterioration.

#### Maximum exposure to credit risk before collateral held or other credit enhancements

The following table presents the maximum exposure at 31st December 2008 and 2007 to credit risk of balance sheet and off balance sheet financial instruments, before taking account of any collateral held or other credit enhancements and after allowance for impairment and netting where appropriate.

For financial assets recognised on the balance sheet, the exposure to credit risk equals their carrying amount. For financial guarantees granted, the maximum exposure to credit risk is the maximum amount that Barclays would have to pay if the guarantees were to be called upon. For loan commitments and other credit related commitments that are irrevocable over the life of the respective facilities, the maximum exposure to credit risk is the full amount of the committed facilities.

This analysis and all subsequent analyses of credit risk include only financial assets subject to credit risk. They exclude other financial assets, mainly equity securities held in trading portfolio or available for sale as well as non-financial assets. The nominal value of off-balance sheet credit related instruments are also shown, where appropriate.

Financial assets designated at fair value held in respect of linked liabilities to customers under investment contracts have not been included as the Group is not exposed to credit risk on these assets. Credit losses in these portfolios, if any, would lead to a reduction in the linked liabilities and result in no direct loss to the Group.



**47 Credit risk (continued)**

Whilst the Group's maximum exposure to credit risk is the carrying value of the assets or, in the case of off-balance sheet items, the amount guaranteed, committed, accepted or endorsed, in most cases the likely exposure is far less due to collateral, credit enhancements and other actions taken to mitigate the Group's exposure.

A description of the credit risk management and measurement methodologies, the credit quality of the assets and the collateral and other credit enhancements held against them is included in the relevant sections within this Note, for each of the categories in the following table:

As at 31st December 2008

	Loans and advances £m	Debt securities £m	Derivatives £m	Reverse repurchase agreements £m	Others £m	Total £m	Credit market exposure £m
<b>On-balance sheet:</b>							
Cash and balances at central banks					30,019	30,019	
Items in course of collection from other banks					1,695	1,695	
<b>Trading portfolio:</b>							
Treasury and other eligible bills		4,544				4,544	
Debt securities		148,686				148,686	4,745
Traded loans	1,070					1,070	
<b>Total trading portfolio</b>	<b>1,070</b>	<b>153,230</b>				<b>154,300</b>	
<b>Financial assets designated at fair value held on own account:</b>							
Loans and advances	30,057				130	30,187	14,429
Debt securities		8,628				8,628	
Other financial assets	1,469			7,283	479	9,231	
<b>Total financial assets designated at fair value held on own account</b>	<b>31,526</b>	<b>8,628</b>		<b>7,283</b>	<b>609</b>	<b>48,046</b>	
<b>Derivative financial instruments</b>			<b>984,802</b>			<b>984,802</b>	<b>9,234</b>
<b>Loans and advances to banks</b>	<b>47,707</b>					<b>47,707</b>	
<b>Loans and advances to customers:</b>							
Residential mortgage loans	135,077					135,077	
Credit card receivables	22,304					22,304	
Other personal lending	32,038					32,038	
Wholesale and corporate loans and advances	259,699					259,699	
Finance lease receivables	12,697					12,697	
<b>Total loans and advances to customers</b>	<b>461,815</b>					<b>461,815</b>	<b>12,808</b>
<b>Available for sale financial investments:</b>							
Treasury and other eligible bills		4,003				4,003	
Debt securities		58,831				58,831	727
<b>Total available for sale financial investments</b>		<b>62,834</b>				<b>62,834</b>	
<b>Reverse repurchase agreements</b>				<b>130,354</b>		<b>130,354</b>	
<b>Other assets</b>					<b>3,096</b>	<b>3,096</b>	<b>109</b>
<b>Total on-balance sheet</b>	<b>542,118</b>	<b>224,692</b>	<b>984,802</b>	<b>137,637</b>	<b>35,419</b>	<b>1,924,668</b>	
<b>Off-balance sheet:</b>							
Acceptances and endorsements						585	
Guarantees and letters of credit pledged as collateral security and securities lending arrangements						53,942	
Commitments						260,816	1,030
<b>Total off-balance sheet</b>						<b>315,343</b>	
<b>Total maximum exposure at 31st December</b>						<b>2,240,011</b>	

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47 Credit risk (continued)

At 31st December 2007

	Loans and advances £m	Debt securities £m	Derivatives £m	Reverse repurchase agreements £m	Others £m	Total £m	Credit market exposure £m
<b>On-balance sheet:</b>							
<b>Cash and balances at central banks</b>					5,801	5,801	
<b>Items in course of collection from other banks</b>					1,836	1,836	
<b>Trading portfolio:</b>							
Treasury and other eligible bills		2,094				2,094	
Debt securities		152,778				152,778	6,239
Traded loans	1,780					1,780	
<b>Total trading portfolio</b>	1,780	154,872				156,652	
<b>Financial assets designated at fair value held on own account:</b>							
Loans and advances	23,334				157	23,491	15,218
Debt securities		24,217				24,217	
Other financial assets	98			3,056	391	3,545	
<b>Total financial assets designated at fair value held on own account</b>	23,432	24,217		3,056	548	51,253	
<b>Derivative financial instruments</b>			248,088			248,088	445
<b>Loans and advances to banks</b>	40,120					40,120	
<b>Loans and advances to customers:</b>							
Residential mortgage loans	106,619					106,619	
Credit card receivables	14,289					14,289	
Other personal lending	29,857					29,857	
Wholesale and corporate loans and advances	183,556					183,556	11,535
Finance lease receivables	11,077					11,077	
<b>Total loans and advances to customers</b>	345,398					345,398	
<b>Available for sale financial investments:</b>							
Treasury and other eligible bills		2,723				2,723	
Debt securities		38,673				38,673	1,244
<b>Total available for sale financial investments</b>		41,396				41,396	
<b>Reverse repurchase agreements</b>				183,075		183,075	225
<b>Other assets</b>					3,966	3,966	57
<b>Total on-balance sheet</b>	410,730	220,485	248,088	186,131	12,151	1,077,585	
<b>Off-balance sheet:</b>							
Acceptances and endorsements						365	
Guarantees and letters of credit pledged as collateral security and securities lending arrangements						35,692	
Commitments						192,639	3,225
<b>Total off-balance sheet</b>						228,696	
<b>Total maximum exposure at 31st December</b>						1,306,281	

## 47 Credit risk (continued)

## Credit risk concentrations

A concentration of credit risk exists when a number of counterparties are engaged in similar activities and have similar economic characteristics that would cause their ability to meet contractual obligations to be similarly affected by changes in economic or other conditions.

The analyses of credit risk concentrations presented below are based on the location of the counterparty or customer or the industry in which they are engaged.

## Credit risk concentrations by geographical sector

	2008					Total £m
	United Kingdom £m	Other European Union £m	United States £m	Africa £m	Rest of the World £m	
<b>On-balance sheet:</b>						
Cash and balances at central banks	8,406	11,039	8,381	1,712	481	30,019
Items in the course of collection from other banks	1,447	59	–	169	20	1,695
Trading portfolio	23,865	35,396	66,084	2,770	26,185	154,300
Financial assets designated at fair value held on own account	14,158	7,388	19,738	2,904	3,858	48,046
Derivative financial instruments	317,621	215,054	366,161	4,403	81,563	984,802
Loans and advances to banks	7,524	12,591	13,616	2,189	11,787	47,707
Loans and advances to customers	213,079	91,109	75,826	44,373	37,428	461,815
Available for sale financial investments	15,423	18,928	16,583	3,351	8,549	62,834
Reverse repurchase agreements	22,659	41,724	47,034	848	18,089	130,354
Other assets	1,198	548	550	520	280	3,096
<b>Total on-balance sheet</b>	<b>625,380</b>	<b>433,836</b>	<b>613,973</b>	<b>63,239</b>	<b>188,240</b>	<b>1,924,668</b>
<b>Off-balance sheet:</b>						
Acceptances and endorsements	274	–	6	41	264	585
Guarantees and letters of credit pledged as collateral security and securities lending arrangements	4,433	3,742	42,227	1,738	1,802	53,942
Commitments	103,548	32,445	90,298	23,210	11,315	260,816
<b>Total off-balance sheet</b>	<b>108,255</b>	<b>36,187</b>	<b>132,531</b>	<b>24,989</b>	<b>13,381</b>	<b>315,343</b>
<b>Total</b>	<b>733,635</b>	<b>470,023</b>	<b>746,504</b>	<b>88,228</b>	<b>201,621</b>	<b>2,240,011</b>

## Credit risk concentrations by geographical sector

	2007					Total £m
	United Kingdom £m	Other European Union £m	United States £m	Africa £m	Rest of the World £m	
<b>On-balance sheet:</b>						
Cash and balances at central banks	1,458	2,170	206	1,406	561	5,801
Items in the course of collection from other banks	1,638	75	–	110	13	1,836
Trading portfolio	28,959	41,675	53,208	877	31,933	156,652
Financial assets designated at fair value held on own account	15,713	5,907	20,396	958	8,279	51,253
Derivative financial instruments	60,534	75,017	82,975	2,229	27,333	248,088
Loans and advances to banks	5,515	11,102	13,443	2,581	7,479	40,120
Loans and advances to customers	187,824	56,189	39,944	38,653	22,788	345,398
Available for sale financial investments	5,934	18,354	7,818	2,944	6,346	41,396
Reverse repurchase agreements	42,160	51,734	67,018	2,156	20,007	183,075
Other assets	1,813	617	424	698	414	3,966
<b>Total on-balance sheet</b>	<b>351,548</b>	<b>262,840</b>	<b>285,432</b>	<b>52,612</b>	<b>125,153</b>	<b>1,077,585</b>
<b>Off-balance sheet:</b>						
Acceptances and endorsements	227	5	5	34	94	365
Guarantees and letters of credit pledged as collateral security and securities lending arrangements	7,377	1,468	23,696	1,286	1,865	35,692
Commitments	90,964	23,946	48,657	20,471	8,601	192,639
<b>Total off-balance sheet</b>	<b>98,568</b>	<b>25,419</b>	<b>72,358</b>	<b>21,791</b>	<b>10,560</b>	<b>228,696</b>
<b>Total</b>	<b>450,116</b>	<b>288,259</b>	<b>357,790</b>	<b>74,403</b>	<b>135,713</b>	<b>1,306,281</b>

# Notes to the accounts

## For the year ended 31st December 2008

### 47 Credit risk (continued)

#### Credit risk concentrations by industrial sector

	2008									
	Government and Central Banks £m	Financial Services £m	Transport, Postal and communication and Business and other services £m	Agriculture, Manufacturing and Wholesale and retail trade £m	Construction and Property £m	Energy and water £m	Residential mortgage loans £m	Other personal lending £m	Finance lease receivables £m	Total £m
<b>On-balance sheet:</b>										
Cash and balances at central banks	30,019	–	–	–	–	–	–	–	–	30,019
Items in the course of collection from other banks	10	1,685	–	–	–	–	–	–	–	1,695
Trading portfolio	68,962	73,729	3,320	2,590	1,404	4,272	–	4	19	154,300
Financial assets designated at fair value held on own account	5,871	21,860	1,080	1,286	17,415	271	–	263	–	48,046
Derivative financial instruments	10,370	928,793	9,265	14,420	3,779	18,054	–	121	–	984,802
Loans and advances to banks	2,794	44,913	–	–	–	–	–	–	–	47,707
Loans and advances to customers	5,296	112,506	52,243	49,068	29,988	14,078	135,077	50,862	12,697	461,815
Available for sale financial investments	14,891	44,865	1,288	436	333	354	569	98	–	62,834
Reverse repurchase agreements	17,939	110,645	536	428	806	–	–	–	–	130,354
Other assets	103	1,397	602	260	8	12	155	554	5	3,096
<b>Total on-balance sheet</b>	<b>156,255</b>	<b>1,340,393</b>	<b>68,334</b>	<b>68,488</b>	<b>53,733</b>	<b>37,041</b>	<b>135,801</b>	<b>51,902</b>	<b>12,721</b>	<b>1,924,668</b>
<b>Off-balance sheet:</b>										
Acceptances and endorsements	–	151	180	231	14	3	–	6	–	585
Guarantees and letters of credit pledged as collateral security and securities lending arrangements	–	44,858	4,161	2,275	778	1,604	–	266	–	53,942
Commitments	5,096	33,746	32,769	36,815	11,405	16,279	12,196	112,510	–	260,816
<b>Total off-balance sheet</b>	<b>5,096</b>	<b>78,755</b>	<b>37,110</b>	<b>39,321</b>	<b>12,197</b>	<b>17,886</b>	<b>12,196</b>	<b>112,782</b>	<b>–</b>	<b>315,343</b>
<b>Total</b>	<b>161,351</b>	<b>1,419,148</b>	<b>105,444</b>	<b>107,809</b>	<b>65,930</b>	<b>54,927</b>	<b>147,997</b>	<b>164,684</b>	<b>12,721</b>	<b>2,240,011</b>

## 47 Credit risk (continued)

## Credit risk concentrations by industrial sector

	2007									
	Government and Central Banks £m	Financial Services £m	Transport, Postal and communication and Business and other services £m	Agriculture, Manufacturing and Wholesale and retail trade £m	Construction and Property £m	Energy and water £m	Residential mortgage loans £m	Other personal lending £m	Finance lease receivables £m	Total £m
<b>On-balance sheet:</b>										
Cash and balances at central banks	5,801	–	–	–	–	–	–	–	–	5,801
Items in the course of collection from other banks	8	1,828	–	–	–	–	–	–	–	1,836
Trading portfolio	58,608	83,790	4,434	3,928	924	4,072	895	1	–	156,652
Financial assets designated at fair value held on own account	10,914	23,742	570	699	11,325	396	3,509	98	–	51,253
Derivative financial instruments	2,886	227,609	2,771	5,567	1,106	8,031	87	31	–	248,088
Loans and advances to banks	7,881	32,239	–	–	–	–	–	–	–	40,120
Loans and advances to customers	2,036	70,699	41,678	38,170	22,288	8,623	106,619	44,208	11,077	345,398
Available for sale financial investments	8,880	29,693	2,142	249	167	246	–	19	–	41,396
Reverse repurchase agreements	1,713	179,459	416	735	752	–	–	–	–	183,075
Other assets	270	1,506	542	307	168	5	112	1,056	–	3,966
<b>Total on-balance sheet</b>	<b>98,997</b>	<b>650,565</b>	<b>52,553</b>	<b>49,655</b>	<b>36,730</b>	<b>21,373</b>	<b>111,222</b>	<b>45,413</b>	<b>11,077</b>	<b>1,077,585</b>
<b>Off-balance sheet:</b>										
Acceptances and endorsements	–	125	111	91	21	4	–	13	–	365
Guarantees and letters of credit pledged as collateral security and securities lending arrangements	51	17,021	12,847	1,867	538	2,687	1	680	–	35,692
Commitments	4,511	30,492	26,370	32,388	11,282	9,961	10,969	66,666	–	192,639
<b>Total off-balance sheet</b>	<b>4,562</b>	<b>47,638</b>	<b>39,328</b>	<b>34,346</b>	<b>11,841</b>	<b>12,652</b>	<b>10,970</b>	<b>67,359</b>	<b>–</b>	<b>228,696</b>
<b>Total</b>	<b>103,559</b>	<b>698,203</b>	<b>91,881</b>	<b>84,001</b>	<b>48,571</b>	<b>34,025</b>	<b>122,192</b>	<b>112,772</b>	<b>11,077</b>	<b>1,306,281</b>

Loans and advances to customers in the above table has been reanalysed between Agriculture, Manufacturing and Wholesale and retail trade, Residential mortgage loans and Other personal to reflect changes in classification of assets.



# Notes to the accounts

## For the year ended 31st December 2008

### 47 Credit risk (continued)

#### Loans and advances

##### Credit risk management

###### *Governance and responsibilities*

The credit risk management teams in each business are accountable to the Business Risk Directors in those businesses who, in turn, report to the heads of their businesses and also to the Group Risk Director.

The credit risk function provides Group-wide direction of credit risk-taking. The teams within this function manage the resolution of all significant credit policy issues and run the Credit Committee, which approves major credit decisions. Each business segment has an embedded credit risk management team. These teams assist Group Risk in the formulation of Group Risk policy and its implementation across the businesses.

The principal committees that review credit risk management, formulate overall Group credit policy and resolve all significant credit policy issues are the Wholesale Credit Risk Management Committee, the Retail Credit Risk Management Committee, the Risk Oversight Committee and the Board Risk Committee.

The Retail Credit Risk Management Committee (RCRMC) oversees exposures, which comprise unsecured personal lending (including small businesses), mortgages and credit cards. The RCRMC monitors the risk profile and performance of the retail portfolios by receipt of key risk measures and indicators at an individual portfolio level, ensuring mitigating actions taken to address performance are appropriate and timely. Metrics reviewed will consider portfolio composition and both an overall stock and new flow level.

The Wholesale Credit Risk Management Committee (WCRMC) oversees wholesale exposures, comprising lending to businesses, banks and other financial institutions. The WCRMC monitors exposure by country, industry sector, individual large exposures and exposures to sub-investment grade countries.

The monthly Wholesale and Retail Credit Risk Management Committees exercise oversight through review and challenge of the size and constitution of the portfolios when viewed against Group risk appetite for wholesale and retail credit risks. They are chaired by the Group Wholesale and Retail Credit Risk Directors.

###### *Credit monitoring*

Wholesale and corporate loans which are deemed to contain heightened levels of risk are recorded on early-warning or watch lists. These lists are graded in line with the perceived severity of the risk attached to the lending and its probability of default. The lists are updated on a monthly basis and are closely monitored.

Regardless of whether they are recorded on early-warning or watch lists, all wholesale and corporate loans are subject to a full review of all facilities on, at least, an annual basis. More frequent interim reviews may be undertaken should circumstances dictate.

Retail loans (which tend to comprise homogeneous assets) are monitored on a portfolio basis.

###### *Credit risk measurement*

Barclays uses statistical modelling techniques throughout its business in its credit rating systems. They enable a coherent approach to risk measurement across all credit exposures, retail and wholesale. The key building blocks in the measurement system are the probability of customer default (PD), exposure in the event of default (EAD), and severity of loss-given-default (LGD). The models are reviewed regularly to monitor their robustness relative to actual performance and amended as necessary to optimise their effectiveness.

For wholesale and corporate lending, Barclays assesses the credit quality of borrowers and other counterparties and assigns them an internal risk rating. Barclays credit rating contains 21 grades, representing the Group's best estimate of credit risk for a counterparty based on current economic conditions. Retail customers are not all assigned internal risk ratings in this way for account management purposes, therefore their probability of default is considered.

The Group considers Credit Risk Loans (defined as all customers overdue by 90 days or more, and/or individually impaired or restructured) and loan loss rates when assessing the credit performance of its loan portfolios, other than those held at fair value. For the purposes of historical and business unit comparison, loan loss rates are defined as total credit impairment charge (excluding available for sale assets and reverse repurchase agreements) divided by gross loans and advances to customers and banks (at amortised cost).

###### *Credit risk mitigation*

Where appropriate, the Group takes action to mitigate credit risk such as reducing amounts outstanding (in discussion with the customers, clients or counterparties if appropriate), using credit derivatives, securitising assets; and selling them.

Diversification to avoid unwanted credit risk concentrations is achieved through setting maximum exposure guidelines to individual counterparties. Excesses are reported to the Risk Oversight Committee and the Board Risk Committee. Mandate and scale limits are used to limit the stock of current exposures in a loan portfolio and the flow of new exposures into a loan portfolio. Limits are typically based on the tenor and nature of the lending.

###### *Collateral and security*

The Group routinely obtains collateral and security to mitigate credit risk.

The Group ensures that any collateral held is sufficiently liquid, legally effective, enforceable and regularly reassessed. Before attaching value to collateral, businesses holding specific, agreed classes of collateral must ensure that they are holding a correctly perfected charge.

Before reliance is placed on third party protection in the form of bank, government or corporate guarantees or credit derivative protection from financial intermediary counterparties, a credit assessment is undertaken.

Security structures and legal covenants are subject to regular review, at least annually, to ensure that they remain fit for purpose and remain consistent with

accepted local market practice.

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## 47 Credit risk (continued)

All loans and advances are categorised as either:

- neither past due nor individually impaired;
- past due but not individually impaired; or
- individually impaired.

The impairment allowance includes allowances against financial assets that have been individually impaired and those subject to collective impairment.

Credit risk loans comprise loans and advances to banks and customers 90 days overdue or more and those subject to individual impairment. The coverage ratio is calculated by reference to the total impairment allowance and the carrying value (before impairment) of credit risk loans.

As at 31st December 2008								
	Neither past due nor individually impaired <sup>a</sup>	Past due but not individually impaired <sup>b</sup>	Individually impaired	Total	Impairment allowance	Total carrying value	Credit Risk Loans	Coverage ratio
	£m	£m	£m	£m	£m	£m	£m	%
<b>Trading portfolio:</b>								
Traded loans	1,070	–	–	1,070	–	1,070	–	–
<b>Financial assets designated at fair value held on own account:</b>								
Loans and advances	29,182	875	–	30,057	–	30,057	–	–
Other financial assets	1,469	–	–	1,469	–	1,469	–	–
<b>Loans and advances to banks</b>	<b>46,665</b>	<b>1,045</b>	<b>48</b>	<b>47,758</b>	<b>(51)</b>	<b>47,707</b>	<b>48</b>	<b>100.0</b>
<b>Loans and advances to customers:</b>								
Residential mortgage loans	126,363	7,413	1,608	135,384	(307)	135,077	2,403	12.8
Credit card receivables	21,092	1,426	1,231	23,749	(1,445)	22,304	1,990	72.6
Other personal lending	30,539	1,342	2,040	33,921	(1,883)	32,038	2,685	70.1
Wholesale and corporate loans and advances	246,505	8,307	7,586	262,398	(2,699)	259,699	8,277	32.6
Finance lease receivables	12,367	285	234	12,886	(189)	12,697	297	63.6
<b>Total</b>	<b>515,252</b>	<b>20,693</b>	<b>12,747</b>	<b>548,692</b>	<b>(6,574)</b>	<b>542,118</b>	<b>15,700</b>	<b>41.9</b>
As at 31st December 2007								
	Neither past due nor individually impaired <sup>a</sup>	Past due but not individually impaired <sup>b</sup>	Individually impaired	Total	Impairment allowance	Total carrying value	Credit Risk Loans	Coverage ratio
	£m	£m	£m	£m	£m	£m	£m	%
<b>Trading portfolio:</b>								
Traded loans	1,780	–	–	1,780	–	1,780	–	–
<b>Financial assets designated at fair value held on own account:</b>								
Loans and advances	22,977	357	–	23,334	–	23,334	–	–
Other financial assets	98	–	–	98	–	98	–	–
<b>Loans and advances to banks</b>	<b>37,601</b>	<b>2,522</b>	<b>–</b>	<b>40,123</b>	<b>(3)</b>	<b>40,120</b>	<b>–</b>	<b>–</b>
<b>Loans and advances to customers:</b>								
Residential mortgage loans	100,323	5,813	615	106,751	(132)	106,619	1,014	13.0
Credit card receivables	12,587	1,026	1,517	15,130	(841)	14,289	1,568	53.6
Other personal lending	28,569	1,020	1,641	31,230	(1,373)	29,857	1,822	75.4
Wholesale and corporate loans and advances	171,949	7,987	4,930	184,866	(1,310)	183,556	5,058	25.9
Finance lease receivables	10,890	159	141	11,190	(113)	11,077	179	63.1
<b>Total</b>	<b>386,774</b>	<b>18,884</b>	<b>8,844</b>	<b>414,502</b>	<b>(3,772)</b>	<b>410,730</b>	<b>9,641</b>	<b>39.1</b>

## Notes

a Financial assets subject to collective impairment allowance are included in this column if they are not past due.

b Financial assets subject to collective impairment allowance are included in this column if they are past due.



# Notes to the accounts

## For the year ended 31st December 2008

### 47 Credit risk (continued)

#### Credit quality of loans and advances neither past due nor individually impaired

	2008				2007			
	Strong £m	Satisfactory £m	Higher risk £m	Total £m	Strong £m	Satisfactory £m	Higher risk £m	Total £m
<b>Trading portfolio:</b>								
Traded loans	759	220	91	1,070	223	1,228	329	1,780
<b>Financial assets designated at fair value held on own account:</b>								
Loans and advances	25,665	2,792	725	29,182	13,687	6,186	3,104	22,977
Other financial assets	–	1,469	–	1,469	98	–	–	98
<b>Loans and advances to banks</b>	<b>40,181</b>	<b>6,384</b>	<b>100</b>	<b>46,665</b>	<b>35,635</b>	<b>1,955</b>	<b>11</b>	<b>37,601</b>
<b>Loans and advances to customers:</b>								
Residential mortgage loans	82,363	42,770	1,230	126,363	60,563	38,000	1,760	100,323
Credit card receivables	–	20,426	666	21,092	–	12,582	5	12,587
Other personal lending	7,549	21,750	1,240	30,539	5,061	22,619	889	28,569
Wholesale and corporate loans and advances	141,868	94,453	10,184	246,505	114,693	54,828	2,428	171,949
Finance lease receivables	4,214	7,504	649	12,367	4,586	6,036	268	10,890
<b>Total loans and advances</b>	<b>302,599</b>	<b>197,768</b>	<b>14,885</b>	<b>515,252</b>	<b>234,546</b>	<b>143,434</b>	<b>8,794</b>	<b>386,774</b>

For the purposes of the analysis of credit quality, the following internal measures of credit quality have been used:

Financial statements description	Retail lending	Wholesale lending	
	Probability of default	Probability of default	Default grade
Strong	0.0-0.60%	0.0-0.05%	1-3
		0.05-0.15%	4-5
		0.15-0.30%	6-8
		0.30-0.60%	9-11
Satisfactory	0.60-10.00%	0.60-2.15%	11-14
		2.15-11.35%	15-19
Higher risk	10.00% +	11.35% +	20-21

Financial statement descriptions can be summarised as follows:

**Strong** – there is a very high likelihood of the asset being recovered in full.

**Satisfactory** – whilst there is a high likelihood that the asset will be recovered and therefore, of no cause for concern to the Group, the asset may not be collateralised, or may relate to retail facilities, such as credit card balances and unsecured loans, which have been classified as satisfactory, regardless of the fact that the output of internal grading models may have indicated a higher classification. At the lower end of this grade there are customers that are being more carefully monitored, for example, corporate customers which are indicating some evidence of some deterioration, mortgages with a high loan to value ratio, and unsecured retail loans operating outside normal product guidelines.

**Higher risk** – there is concern over the obligor's ability to make payments when due. However, these have not yet converted to actual delinquency. There may also be doubts over value of collateral or security provided. However, the borrower or counterparty is continuing to make payments when due and is expected to settle all outstanding amounts of principal and interest.

47 Credit risk (continued)

**Loans and advances that are past due but not individually impaired**

An age analysis of loans and advances that are past due but not individually impaired is set out below.

For the purposes of this analysis an asset is considered past due and included below when any payment due under strict contractual terms is received late or missed. The amount included is the entire financial asset, not just the payment, of principal or interest or both, overdue.

The table below provides a breakdown of total financial assets past due but not individually impaired. In general, retail and wholesale loans fall into this category for two separate reasons. Retail loans and advances to customers may come under this category because the impairment allowance on such loans is calculated on a collective – not individual – basis. This reflects the homogenous nature of the assets, which allows statistical techniques to be used, rather than individual assessment.

In contrast, some loans to wholesale and corporate customers and banks may come under this category because of instances where a payment on a loan is past due without requiring an individual impairment allowance. For example, an individual impairment allowance will not be required when a loss is not expected due to a corporate loan being fully secured or collateralised. As a result, it is past due but not individually impaired.

	2008						Of which Credit Risk Loans £m
	Past due up to 1 month £m	Past due 1-2 months £m	Past due 2-3 months £m	Past due 3-6 months £m	Past due 6 months and over £m	Total £m	
<b>Financial assets designated at fair value held on own account:</b>							
Loans and advances	315	147	81	82	250	875	–
<b>Loans and advances to banks</b>	<b>1,044</b>	<b>1</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>1,045</b>	<b>–</b>
<b>Loans and advances to customers:</b>							
Residential mortgage loans	4,420	1,568	630	713	82	7,413	795
Credit card receivables	293	224	150	291	468	1,426	759
Other personal lending	220	204	273	338	307	1,342	645
Wholesale and corporate loans and advances	6,229	540	847	477	214	8,307	691
Finance lease receivables	130	53	39	63	–	285	63
<b>Total loans and advances to customers</b>	<b>11,292</b>	<b>2,589</b>	<b>1,939</b>	<b>1,882</b>	<b>1,071</b>	<b>18,773</b>	<b>2,953</b>
<b>Total financial assets past due but not individually impaired</b>	<b>12,651</b>	<b>2,737</b>	<b>2,020</b>	<b>1,964</b>	<b>1,321</b>	<b>20,693</b>	<b>2,953</b>

	2007						Of which Credit Risk Loans £m
	Past due up to 1 month £m	Past due 1-2 months £m	Past due 2-3 months £m	Past due 3-6 months £m	Past due 6 months and over £m	Total £m	
<b>Financial assets designated at fair value held on own account:</b>							
Loans and advances	261	4	1	24	67	357	–
<b>Loans and advances to banks</b>	<b>2,031</b>	<b>305</b>	<b>186</b>	<b>–</b>	<b>–</b>	<b>2,522</b>	<b>–</b>
<b>Loans and advances to customers:</b>							
Residential mortgage loans	3,609	1,349	456	215	184	5,813	399
Credit card receivables	558	155	107	205	1	1,026	51
Other personal lending	271	199	193	152	205	1,020	181
Wholesale and corporate loans and advances	6,970	622	267	62	66	7,987	128
Finance lease receivables	75	28	18	38	–	159	38
<b>Total loans and advances to customers</b>	<b>11,483</b>	<b>2,353</b>	<b>1,041</b>	<b>672</b>	<b>456</b>	<b>16,005</b>	<b>797</b>
<b>Total financial assets past due but not individually impaired</b>	<b>13,775</b>	<b>2,662</b>	<b>1,228</b>	<b>696</b>	<b>523</b>	<b>18,884</b>	<b>797</b>

**Loans and advances individually assessed as impaired**

An analysis of financial assets individually assessed as impaired is as follows:

	2008			2007		
	Original carrying amount £m	Impairment allowance £m	Revised carrying amount £m	Original carrying amount £m	Impairment allowance £m	Revised carrying amount £m
<b>Loans and advances to banks individually impaired</b>	<b>48</b>	<b>(44)</b>	<b>4</b>	<b>–</b>	<b>–</b>	<b>–</b>

<b>Loans and advances to customers:</b>						
Residential mortgage loans	1,608	(227)	1,381	615	(88)	527
Credit card receivables	1,231	(727)	504	1,517	(725)	792
Other personal lending	2,040	(1,250)	790	1,641	(1,030)	611
Wholesale and corporate loans and advances	7,586	(2,310)	5,276	4,930	(944)	3,986
Finance lease receivables	234	(140)	94	141	(102)	39
<b>Total loans and advances individually impaired</b>	<b>12,747</b>	<b>(4,698)</b>	<b>8,049</b>	8,844	(2,889)	5,955
<b>Collective impairment allowance</b>		<b>(1,876)</b>			(883)	
<b>Total impairment allowance</b>		<b>(6,574)</b>			(3,772)	

# Notes to the accounts

## For the year ended 31st December 2008

### 47 Credit risk (continued)

The movements on the impairment allowance during the year were as follows:

	2008							
	At beginning of year £m	Acquisitions and disposals £m	Unwind of discount £m	Exchange and other adjustments £m	Amounts written off £m	Recoveries £m	Amounts charged to income statement £m	Balance at 31st December £m
<b>Loans and advances to banks</b>	3	–	–	1	–	7	40	51
<b>Loans and advances to customers:</b>								
Residential mortgage loans	132	–	(35)	19	(44)	3	232	307
Credit card receivables	841	306	(68)	94	(845)	69	1,048	1,445
Other personal lending	1,373	1	(32)	134	(525)	42	890	1,883
Wholesale and corporate loans and advances	1,310	–	–	506	(1,428)	41	2,270	2,699
Finance lease receivables	113	–	–	37	(77)	12	104	189
<b>Total loans and advances to customers</b>	<b>3,769</b>	<b>307</b>	<b>(135)</b>	<b>790</b>	<b>(2,919)</b>	<b>167</b>	<b>4,544</b>	<b>6,523</b>
<b>Total impairment allowance</b>	<b>3,772</b>	<b>307</b>	<b>(135)</b>	<b>791</b>	<b>(2,919)</b>	<b>174</b>	<b>4,584</b>	<b>6,574</b>

	2007							
	At beginning of year £m	Acquisitions and disposals £m	Unwind of discount £m	Exchange and other adjustments £m	Amounts written off £m	Recoveries £m	Amounts charged to income statement £m	Balance at 31st December £m
<b>Loans and advances to banks</b>	4	–	–	–	(1)	13	(13)	3
<b>Loans and advances to customers:</b>								
Residential mortgage loans	124	–	–	2	(5)	5	6	132
Credit card receivables	1,030	(75)	(60)	4	(819)	103	658	841
Other personal lending	1,139	–	(53)	10	(668)	54	891	1,373
Wholesale and corporate loans and advances	939	1	–	37	(440)	46	727	1,310
Finance lease receivables	99	1	–	–	(30)	6	37	113
<b>Total loans and advances to customers</b>	<b>3,331</b>	<b>(73)</b>	<b>(113)</b>	<b>53</b>	<b>(1,962)</b>	<b>214</b>	<b>2,319</b>	<b>3,769</b>
<b>Total impairment allowance</b>	<b>3,335</b>	<b>(73)</b>	<b>(113)</b>	<b>53</b>	<b>(1,963)</b>	<b>227</b>	<b>2,306</b>	<b>3,772</b>

### Loan Loss Rates

	Gross loans and advances £m	Impairment allowance £m	Loans and advances net of impairment £m	Impairment charge £m	Loan Loss Rate basis point
As at 31st December 2008	516,096	(6,574)	509,522	4,913	95
As at 31st December 2007	389,290	(3,772)	385,518	2,782	71



**47 Credit risk (continued)****Renegotiated loans and advances**

Loans and advances are generally renegotiated either as part of an ongoing customer relationship or in response to an adverse change in the circumstances of the borrower. In the latter case renegotiation can result in an extension of the due date of payment or repayment plans under which the Group offers a concessionary rate of interest to genuinely distressed borrowers. This will result in the asset continuing to be overdue and will be individually impaired where the renegotiated payments of interest and principal will not recover the original carrying amount of the asset. In other cases, renegotiation will lead to a new agreement, which is treated as a new loan.

**Collateral and other credit enhancements held**

Financial assets that are past due or individually assessed as impaired may be partially or fully collateralised or subject to other forms of credit enhancement.

Assets in these categories subject to collateralisation are mainly corporate loans, residential mortgage loans and finance lease receivables. Credit card receivables and other personal lending are generally unsecured (although in some instances a charge over the borrowers property of other assets may be sought).

**Corporate loans**

Security is usually taken in the form of a fixed charge over the borrower's property or a floating charge over the assets of the borrower. Loan covenants may be put in place to safeguard the Group's financial position. If the exposure is sufficiently large, either individually or at the portfolio level, credit protection in the form of guarantees, credit derivatives or insurance may be taken out.

For these and other reasons collateral given is only accurately valued on origination of the loan or in the course of enforcement actions and as a result it is not practicable to estimate the fair value of the collateral held.

**Residential mortgage loans**

These are secured by a fixed charge over the property.

A description and the estimated fair value of collateral held in respect of residential mortgage loans that are past due or individually assessed as impaired is as follows:

Nature of assets	2008 Fair value £m	2007 Fair value £m
Residential property	7,264	6,488

Collateral included in the above table reflects the Group's interest in the property in the event of default. That held in the form of charges against residential property in the UK is restricted to the outstanding loan balance. In other territories, where the Group is not obliged to return any sale proceeds to the mortgagee, the full estimated fair value has been included.

**Finance lease receivables**

The net investment in the lease is secured through retention of legal title to the leased assets.

**Collateral and other credit enhancements obtained**

The carrying value of assets held by the Group as at 31st December 2008 as a result of the enforcement of collateral was as follows:

Nature of assets	2008 Carrying amount £m	2007 Carrying amount £m
Residential property	171	34
Commercial and industrial property	2	1
Other credit enhancements	61	–
<b>Total</b>	<b>234</b>	<b>35</b>

Any properties repossessed are made available for sale in an orderly and timely fashion, with any proceeds realised being used to reduce or repay the outstanding loan. For business customers, in some circumstances, where excess funds are available after repayment in full of the outstanding loan, they are offered to any other, lower ranked, secured lenders. Any additional funds are returned to the customer. Barclays does not, as a rule, occupy repossessed properties for its business use.

The Group does not use assets obtained in its operations. Assets obtained are normally sold, generally at auction, or realised in an orderly manner for the maximum benefit of the Group, the borrower and the borrower's other creditors in accordance with the relevant insolvency regulations.

# Notes to the accounts

## For the year ended 31st December 2008

### 47 Credit risk (continued)

#### Debt securities

Trading portfolio assets, financial assets designated at fair value and available for sale assets are measured on a fair value basis. The fair value will reflect, among other things, the credit risk of the issuer.

Most listed and some unlisted securities are rated by external rating agencies. The Group mainly uses external credit ratings provided by Standard & Poors' or Moody's. Where such ratings are not available or are not current, the Group will use its own internal ratings for the securities.

An analysis of the credit quality of the Group's debt securities is set out below:

	2008				2007			
	AAA to BBB- (investment grade) £m	BB+ to B £m	B- and below £m	Total £m	AAA to BBB- (investment grade) £m	BB+ to B £m	B- and below £m	Total £m
<b>Trading portfolio:</b>								
Treasury and other eligible bills	4,491	53	–	4,544	1,984	110	–	2,094
Debt securities	141,454	5,556	1,676	148,686	143,161	8,958	659	152,778
<b>Total trading portfolio</b>	<b>145,945</b>	<b>5,609</b>	<b>1,676</b>	<b>153,230</b>	<b>145,145</b>	<b>9,068</b>	<b>659</b>	<b>154,872</b>
<b>Financial assets designated at fair value held on own account:</b>								
Debt securities	1,222	7,406	–	8,628	10,010	14,207	–	24,217
<b>Available for sale financial investments:</b>								
Treasury and other eligible bills	2,823	1,180	–	4,003	2,130	593	–	2,723
Debt securities	55,817	2,347	667	58,831	36,623	1,528	522	38,673
<b>Total available for sale financial investments</b>	<b>58,640</b>	<b>3,527</b>	<b>667</b>	<b>62,834</b>	<b>38,753</b>	<b>2,121</b>	<b>522</b>	<b>41,396</b>
<b>Total debt securities</b>	<b>205,807</b>	<b>16,542</b>	<b>2,343</b>	<b>224,692</b>	<b>193,908</b>	<b>25,396</b>	<b>1,181</b>	<b>220,485</b>
%	91.6	7.4	1.0	100.0	88.0	11.5	0.5	100

In addition to the above, there are impaired available for sale debt securities with a carrying value at 31st December 2008 of £329m (2007: £432m), after a write-down of £363m (2007: £13m).

Collateral is not generally obtained directly from the issuers of debt securities. Certain debt securities may be collateralised by specifically identified assets that would be obtained in the event of default.

#### Derivatives

Derivatives are measured on a fair value basis.

The credit quality of the Group's derivative assets according to the credit quality of the counterparty at 31st December 2008 and 2007 was as follows:

	2008				2007			
	AAA to BBB- (investment grade) £m	BB+ to B £m	B- and below £m	Total £m	AAA–BBB- (investment grade) £m	BB+ to B £m	B- and below £m	Total £m
<b>Derivatives</b>	<b>939,071</b>	<b>42,266</b>	<b>3,465</b>	<b>984,802</b>	<b>243,491</b>	<b>3,630</b>	<b>967</b>	<b>248,088</b>
%	95.3	4.3	0.4	100.0	98.1	1.5	0.4	100.0

Credit risk from derivatives is mitigated where possible through netting agreements whereby derivative assets and liabilities with the same counterparty can be offset. Group policy requires all netting arrangements to be legally documented. The ISDA Master Agreement is the Group's preferred agreement for documenting OTC derivatives. It provides the contractual framework within which dealing activities across a full range of OTC products are conducted and contractually binds both parties to apply close-out netting across all outstanding transactions covered by an agreement if either party defaults or other pre-determined events occur.

Collateral is obtained against derivative assets, depending on the creditworthiness of the counterparty and/or nature of the transaction. Any collateral taken in respect of OTC trading exposures will be subject to a 'haircut' which is negotiated at the time of signing the collateral agreement. A haircut is the valuation percentage applicable to each type of collateral and will be largely based on liquidity and price volatility of the underlying security. The collateral obtained for

derivatives is either cash, direct debt obligation government (G14+) bonds denominated in the domestic currency of the issuing country, debt issued by supranationals or letters of credit issued by an institution with a long-term unsecured debt rating of A+/A3 or better. Where the Group has ISDA master agreements, the collateral document will be the ISDA Credit Support Annex (CSA). The collateral document must give Barclays the power to realise any collateral placed with it in the event of the failure of the counterparty, and to place further collateral when requested or in the event of insolvency, administration or similar processes, as well as in the case of early termination.

Derivative assets and liabilities would be £917,074m (2007: £215,585m) lower than reported if netting were permitted for assets and liabilities with the same counterparty or for which the Group holds cash collateral.

## 47 Credit risk (continued)

**Reverse repurchase agreements**

Reverse repurchase agreements and securities borrowing arrangements are collateralised loans typically of short maturities.

The loans are fully collateralised with highly liquid securities legally transferred to the Group. The level of collateral is monitored daily and further collateral called when required.

	2008				2007			
	AAA to BBB– (investment grade) £m	BB+ to B £m	B– and below £m	Total £m	AAA to BBB– (investment grade) £m	BB+ to B £m	B– and below £m	Total £m
<b>Financial assets designated at fair value held on own account:</b>								
Other financial assets	3,882	3,401	–	7,283	3,056	–	–	3,056
<b>Reverse repurchase agreements</b>	<b>122,188</b>	<b>6,101</b>	<b>2,065</b>	<b>130,354</b>	180,637	2,391	47	183,075
<b>Total Reverse repurchase agreements</b>	<b>126,070</b>	<b>9,502</b>	<b>2,065</b>	<b>137,637</b>	183,693	2,391	47	186,131
%	91.6	6.9	1.5	100.0	98.7	1.3	–	100.0

No reverse repurchase agreements held by the Group at 31st December 2008 or 2007 were individually impaired, however during the year, the Group wrote off £124m of reverse repurchase agreements (2007: £nil).

**Other credit risk assets**

The Group's other assets that are subject to credit risk are cash with central banks of £30,019m (2007: £5,801m), items in course of collection from other Banks £1,695m (2007: £1,836m), other financial assets £3,096m (2007: £3,966m).

**Cash and balances at central banks**

Substantially all balances are held with central banks. There is limited credit risk in relation to balances at central banks.

**Items in the course of collection from other banks**

There is limited credit risk in relation to items in the course of collection through the clearing system from other banks.

**Other financial assets**

Other financial assets comprise £3,096m (2007: £3,966m) of other assets and £609m (2007: £548m) of assets held at fair value.

**Off-balance sheet**

The Group applies fundamentally the same risk management policies for off-balance sheet risks as it does for its on-balance sheet risks. In the case of commitments to lend, customers and counterparties will be subject to the same credit management policies as for loans and advances. Collateral may be sought depending on the strength of the counterparty and the nature of the transaction.

**Credit market exposures**

Barclays Capital's credit market exposures primarily relate to US residential mortgages, commercial mortgages and leveraged finance businesses that have been significantly impacted by the continued deterioration in the global credit markets. The exposures include both significant positions subject to fair value movements in the profit and loss account and positions that are classified as loans and advances and available for sale. None of the exposure disclosed below has been reclassified to loans and advances under the amendments to IAS 39.

The exposures are set out by asset class below:

	As at 31.12.08 £m	As at 31.12.07 £m
<b>US Residential Mortgages</b>		
ABS CDO Super Senior	3,104	4,671
Other US sub- prime	3,441	5,037
Alt-A	4,288	4,916
<b>US RMBS exposure wrapped by monoline insurers</b>	<b>1,639</b>	730
<b>Commercial mortgages</b>		
Commercial real estate	11,578	11,103
Commercial mortgage-backed securities	735	1,296
CMBS exposure wrapped by monoline insurers	1,854	197

**Other Credit Market Exposures**

Leveraged finance	10,391	9,027
SIVs and SIV-Lites	963	784
CDPCs	150	19
CLO and other exposure wrapped by monoline insurers	4,939	408

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## For the year ended 31st December 2008

### 48 Market risk

#### Market risk management

Market risk is the risk that Barclays earnings or capital, or its ability to meet business objectives, will be adversely affected by changes in the level or volatility of market rates or prices such as interest rates, credit spreads, commodity prices, equity prices and foreign exchange rates. Market risk mainly arises from trading activities. Barclays is also exposed to market risk through interest rate risk on its non-trading activities and through the pension fund.

#### Organisation and structure

The Board approves market risk appetite for trading and non-trading activities. The Market Risk Director is responsible for the Market Risk Control Framework and, under delegated authority from the Group Risk Director, sets a limit framework within the context of the approved market risk appetite. A daily market risk report summarises Barclays market risk exposures against agreed limits. This daily report is sent to the Group Risk Director, the Market Risk Director, the Group Finance Director and the appropriate Business Risk Directors.

The head of each business, assisted by the business risk management team, is accountable for all market risks associated with its activities. Each business is responsible for the identification, measurement, management, control and reporting of market risk as outlined in Barclays Market Risk Control Framework. Oversight and support is provided to the business by the Market Risk Director, assisted by the central market risk team. The Market Risk Committee reviews, approves, and makes recommendations concerning the market risk profile across Barclays including risk appetite, limits and utilisation. The Committee meets monthly and is chaired by the Market Risk Director. Attendees include the Risk Director, respective business risk managers and senior managers from the central market risk team.

#### Traded market risk

Barclays policy is to concentrate trading activities in Barclays Capital. This includes transactions where Barclays Capital acts as principal with clients or with the market. For maximum efficiency, client and market activities are managed together.

#### Risk measurement and control

The measurement techniques used to measure and control traded market risk include Daily Value at Risk (DVaR), Expected Shortfall (ES), stress testing and scenario testing.

DVaR is an estimate of the potential loss arising from unfavourable market movements, if the current positions were to be held unchanged for one business day. Barclays Capital uses the historical simulation method with a two year unweighted historical period.

In 2008, the confidence level was changed to 95% from 98% as an increasing incidence of significant market movements made the existing measure more volatile and less effective for risk management purposes. Switching to 95% made DVaR more stable and consequently improved management, transparency and control of the market risk profile.

The historical simulation calculation can be split into three parts:

- Calculate hypothetical daily profit or loss for each position over the most recent two years, using observed daily market moves.
- Sum hypothetical profit or losses, for day 1 giving one total profit or loss. This is repeated for all other days in the two year history.
- DVaR is the 95th percentile selected from the two years of daily hypothetical total profit or loss.

The DVaR model has been approved by the FSA to calculate regulatory capital for the trading book. The approval covers general market risk in interest rate, foreign exchange, commodities and equity products, and issuer specific risk for the majority of single name and portfolio traded credit products.

DVaR is an important market risk measurement and control tool and consequently the model is regularly assessed. The main approach employed is the technique known as back-testing which counts the number of days when a loss (as defined by the FSA in BIPRU 7.10), exceeds the corresponding DVaR estimate, measured at the 99% confidence level.

The FSA categorises a DVaR model as green (being best), amber or red. A green model is consistent with a good working DVaR model and is achieved for models that have four or less back-testing exceptions in a 12-month period. For Barclays Capital's trading book, green model status was maintained for 2008 and 2007.

**48 Market risk (continued)**

To further improve the control framework, formal daily monitoring of ES was started. This metric is the average of all the hypothetical losses beyond DVaR. Other controls, includes stress testing and scenario testing.

Stress testing provides an indication of the potential size of losses that could arise in extreme conditions. It helps to identify risk concentrations across business lines and assist senior management in capital planning decisions. A variety of different types of stress tests are performed in order to fulfil the objectives of stress testing. The global asset class stress tests have been designed to cover major asset classes including interest rate, credit spread, commodity, equity, foreign exchange rates and emerging markets.

Stress results are produced at least fortnightly. If a potential stress loss exceeds the corresponding trigger limit, the positions captured by the stress test are reviewed and discussed by Barclays Capital market risk management and the respective Barclays Capital business heads. The minutes of the discussion, including the merits of the position and the appropriate course of action, are then sent to the Market Risk Director for review.

Scenario tests are hypothetical events which could lead to extreme yet plausible stress type moves under which profitability is seriously challenged. The scenarios are devised by senior risk managers and economists and are reviewed quarterly. Examples include 'Global pandemic', 'Problems with GBP sovereign issuances' and 'Liquidity crisis'. The scenarios are calculated at least fortnightly and the results are included in the Traded Positions Risk Review meeting information pack.

**Analysis of traded market risk exposures**

Barclays Capital market risk exposure, as measured by average total DVaR (95%), increased by 64% to £53.4m in 2008. This was mainly due to higher market volatility within the credit spread and interest rate DVaRs.

Total DVaR increased significantly in the fourth quarter, mainly due to extreme market volatility following the failure of several financial intuitions and a material deterioration in the global economic outlook. Total DVaR (95%) at 31st December 2008 was £86.6m (31st December 2007: £39.6m), which was within limit.

On a 98% basis, average total DVaR increased 82% to £76.5m.

The daily average, maximum and minimum values of DVaR, 95% and 98%, were calculated as below.

DVaR (95%)	12 months to 31st December 2008			12 months to 31st December 2007		
	Average £m	High £m	Low £m	Average £m	High £m	Low £m
Interest rate risk	28.9	47.8	15.1	15.3	26.5	10.0
Credit spread risk	31.1	71.7	15.4	17.3	28.0	10.8
Commodity risk	18.1	25.4	12.5	15.3	19.0	10.7
Equity risk	9.1	21.0	4.8	8.0	12.1	4.5
Foreign exchange risk	5.9	13.0	2.1	3.8	7.2	2.1
Diversification effect <sup>a</sup>	(39.7)	n/a	n/a	(27.2)	n/a	n/a
<b>Total DVaR</b>	<b>53.4</b>	<b>95.2</b>	<b>35.5</b>	<b>32.5</b>	<b>40.9</b>	<b>25.2</b>

DVaR (98%)	12 months to 31st December 2008			12 months to 31st December 2007		
	Average £m	High £m	Low £m	Average £m	High £m	Low £m
Interest rate risk	45.0	80.9	21.0	20.0	33.3	12.6
Credit spread risk	54.0	143.4	30.1	24.9	43.3	14.6
Commodity risk	23.9	39.6	16.5	20.2	27.2	14.8
Equity risk	12.8	28.9	6.7	11.2	17.6	7.3
Foreign exchange risk	8.1	21.0	2.9	4.9	9.6	2.9
Diversification effect <sup>a</sup>	(67.3)	n/a	n/a	(39.2)	n/a	n/a
<b>Total DVaR</b>	<b>76.5</b>	<b>158.8</b>	<b>47.5</b>	<b>42.0</b>	<b>59.3</b>	<b>33.1</b>

The average ES in 2008 was £70.0m, a rise of £34.7m compared with 2007.

**Note**

<sup>a</sup> The high (and low) DVaR figures reported for each category did not necessarily occur on the same day as the high (and low) DVaR reported as a whole. Consequently a diversification effect number for the high (and low) DVaR figures would not be meaningful and it is therefore omitted from the above table.

# Notes to the accounts

## For the year ended 31st December 2008

### 48 Market risk (continued)

#### Non-trading interest rate risk

Non-traded interest rate risk arises from the provision of retail and wholesale (non-traded) banking products and services.

Barclays objective is to minimise non-traded risk. This is achieved by transferring risk from the business to a local treasury or Group Treasury, who in turn hedge the net exposure with the external market. Limits exist to ensure no material risk is retained within any business or product area. The majority of exposures are within Global Retail and Commercial Banking.

#### Risk measurement and control

The techniques used to measure and control non-traded interest rate risk include Annual Earnings at Risk, DVaR and Stress Testing. Book limits such as foreign exchange and interest position limits are also in place.

Annual Earnings at Risk (AEaR) measures the sensitivity of net interest income (NII) over the next 12 months. It is calculated as the difference between the estimated income using the current yield curve and the lowest estimated income following a 100 basis points increase or decrease in interest rates.

DVaR is also used as a complementary tool to AEaR.

Stress testing is also carried out by the business centres and is reviewed by senior management and business-level asset and liability committees. The stress testing is tailored to the business and typically incorporates scenario analysis and historical stress movements applied to respective portfolios.

#### Analysis of Net Interest Income sensitivity

The tables below show the pre-tax net interest income sensitivity for the non-trading financial assets and financial liabilities held at 31st December 2008. The sensitivity has been measured using AEaR methodology as described above. The benchmark interest rate for each currency is set as at 31st December 2008. The figures include the effect of hedging instruments but exclude exposures held or issued by Barclays Capital as these are measured and managed using DVaR.

#### Net interest in come sensitivity(AEaR) by currency

	+100 basis points 2008 £m	-100 basis points 2008 £m	+100 basis points 2007 £m	-100 basis points 2007 £m
GBP	3	(273)	36	(37)
USD	(25)	7	(3)	1
EUR	(34)	30	(23)	23
ZAR	13	(13)	19	(19)
Others	-	(8)	4	(5)
<b>Total</b>	<b>(43)</b>	<b>(257)</b>	<b>33</b>	<b>(37)</b>
<b>As percentage of net interest in come</b>	<b>(0.37%)</b>	<b>(2.24%)</b>	<b>0.34%</b>	<b>(0.39%)</b>

Non-traded interest rate risk, as measured by AEaR, was £257m in 2008, an increase of £220m compared to 2007. This estimate takes into account the rates in place as at 31st December 2008. The increase mainly reflects the reduced spread generated on retail and commercial banking liabilities in the lower interest rate environment. If the interest rate hedges had not been in place then the AEaR risk for 2008 would have been £670m.

DVaR is also used to control market risk in GRCB – Western Europe, and Group Treasury. The indicative average DVaRs for 2008, using a simplified DVaR approach, were £1.3m and £0.6m respectively.

#### Analysis of Equity sensitivity

	+100 basis points 2008 £m	-100 basis points 2008 £m	+100 basis points 2007 £m	-100 basis points 2007 £m
Net interest income	(43)	(257)	33	(37)
Taxation effects on the above	6	33	(9)	10
<b>Effect on profit for the year</b>	<b>(37)</b>	<b>(224)</b>	<b>24</b>	<b>(27)</b>
<b>As percentage of net profit after tax</b>	<b>(0.70%)</b>	<b>(4.24%)</b>	<b>0.47%</b>	<b>(0.53%)</b>
Effect on profit for the year (per above)	(37)	(224)	24	(27)
Available for sale reserve	(806)	806	(390)	390
Cash flow hedging reserve	(473)	474	(476)	476
Taxation effects on the above	166	(166)	242	(242)
<b>Effect on equity</b>	<b>(1,150)</b>	<b>890</b>	<b>(600)</b>	<b>597</b>
<b>As a percentage of equity</b>	<b>(2.43%)</b>	<b>1.88%</b>	<b>(1.85%)</b>	<b>1.84%</b>





## 48 Market risk (continued)

**Foreign exchange risk**

The Group is exposed to two sources of foreign exchange risk.

**(a) Transactional foreign currency exposure**

Transactional foreign exchange exposures represent exposure on banking assets and liabilities, denominated in currencies other than the functional currency of the transacting entity.

The Group's risk management policies prevent the holding of significant open positions in foreign currencies outside the trading portfolio managed by Barclays Capital which is monitored through DVaR.

There were no material net transactional foreign currency exposures outside the trading portfolio at either 31st December 2008 or 2007. Due to the low level of non-trading exposures no reasonably possible change in foreign exchange rates would have a material effect on either the Group's profit or movements in equity for the year ended 31st December 2008 or 2007.

**(b) Translational foreign exchange exposure**

The Group's translational foreign currency exposure arises from both its capital resources (including investments in subsidiaries and branches, intangible assets, minority interests and debt capital) and risk weighted assets denominated in non-Sterling currencies. Changes in foreign exchange rates result in changes in the Sterling equivalent value of non-Sterling denominated capital resources and risk weighted assets. As a result, the Group's regulatory capital ratios are sensitive to foreign exchange rate movements.

The Group's hedge strategy is to minimise the volatility of all capital ratios whilst taking into account the impact on hedging of non-Sterling net investments, the cost of hedging, the availability of a suitable foreign exchange market and prevailing foreign exchange rates.

To minimise volatility in the equity ratio, the Group aims over time to maintain the ratio of foreign currency equity capital resources to RWAs the same as the Group's equity ratio. To create equity capital resources denominated in non-Sterling currencies, the Group leaves some investments in core non-Sterling subsidiaries and branches un-hedged. The resultant change in the Sterling value of the investments is captured in the currency translation reserve, resulting in an equity capital movement.

Depending on the value of non-Sterling net investments, it may not always be possible to maintain the ratio, leaving some capital ratio sensitivity to foreign exchange movements.

The proceeds from equity accounted foreign currency preference shares are also used in the equity ratio hedge. If a preference share is redeemed, the cumulative movement in the currency translation reserve will be offset by an equal and opposite movement in other reserves reflecting the revaluation of the preference shares to prevailing foreign exchange rates.

The exposure of Tier 1 and Total capital ratios is managed by issuing, where possible, debt capital in non-Sterling currencies such that the ratio of Tier 1 and total capital resources to risk weighted assets is the same as the Group's Tier 1 and Total capital ratios. This is primarily achieved by the issuance of debt capital from Barclays Bank PLC in major currencies, but can also be achieved by subsidiaries issuing capital in local currencies.

The carrying value of the Group's foreign currency net investments in subsidiaries and branches and the foreign currency borrowings and derivatives used to hedge them as at 31st December 2008 were as follows:

At 31st December 2008 Functional currency of the operation involved	Foreign currency net investments £m	Borrowings which hedge the net investments £m	Derivatives which hedge the net investments £m	Structural currency exposures pre economic hedges £m	Economic hedges £m	Remaining structural currency exposures £m
United States Dollar	14,577	6,019	–	8,558	6,720	1,838
Euro	6,336	2,922	–	3,414	3,125	289
Rand	3,725	–	1,306	2,419	164	2,255
Japanese Yen	5,009	801	4,212	(4)	–	(4)
Swiss Franc	3,042	2,936	101	5	–	5
Other	2,940	–	880	2,060	–	2,060
<b>Total</b>	<b>35,629</b>	<b>12,678</b>	<b>6,499</b>	<b>16,452</b>	<b>10,009</b>	<b>6,443</b>

At 31st December 2007 Functional currency of the operation involved	Foreign currency net investments £m	Borrowings which hedge the net investments £m	Derivatives which hedge the net investments £m	Structural currency exposures pre economic hedges £m	Economic hedges £m	Remaining structural currency exposures £m
United States Dollar	3,273	1,000	–	2,273	3,575	(1,302)
Euro	3,690	1,506	–	2,184	2,387	(203)
Rand	3,205	–	2,599	606	165	441
Japanese Yen	2,986	180	2,773	33	–	33
Swiss Franc	2,140	–	2,131	9	–	9
Other	1,847	53	465	1,329	–	1,329
<b>Total</b>	<b>17,141</b>	<b>2,739</b>	<b>7,968</b>	<b>6,434</b>	<b>6,127</b>	<b>307</b>



# Notes to the accounts

## For the year ended 31st December 2008

### 48 Market risk (continued)

The economic hedges represent the US Dollar and Euro Preference Shares and Reserve Capital Instruments in issue that are treated as equity under IFRS, and do not qualify as hedges for accounting purposes.

The impact of a change in the exchange rate between Sterling and any of the major currencies would be:

- A higher or lower Sterling equivalent value of non-Sterling denominated capital resources and risk weighted assets. This includes a higher or lower currency translation reserve within equity, representing the retranslation of non-Sterling subsidiaries, branches and associated undertakings net of the impact of foreign exchange rate changes on derivatives and borrowings designated as hedges of net investments.
- A higher or lower profit after tax, arising from changes in the exchange rates used to translate items in the consolidated income statement.
- A higher or lower value of available for sale investments denominated in foreign currencies, impacting the available for sale reserve.

### 49 Liquidity risk

Liquidity risk is the risk that the Group is unable to meet its obligations when they fall due as a result of customer deposits being withdrawn, cash requirements from contractual commitments, or other cash outflows, such as debt maturities. Such outflows would deplete available cash resources for client lending, trading activities and investments. In extreme circumstances lack of liquidity could result in reductions in balance sheet and sales of assets, or potentially an inability to fulfil lending commitments. The risk that it will be unable to do so is inherent in all banking operations and can be affected by a range of institution-specific and market-wide events including, but not limited to, credit events, merger and acquisition activity, systemic shocks and natural disasters.

#### Liquidity risk management and measurement

Liquidity management within the Group has several components.

#### Intraday liquidity

The need to monitor, manage and control intraday liquidity in real time is recognised by the Group as a critical process: any failure to meet specific intraday commitments would have significant consequences, such as visible market disruption.

The Group policy is that each operation must ensure that it has access to sufficient intraday liquidity to meet any obligations it may have to clearing and settlement systems. Major currency payment flows and payment system collateral are monitored and managed in real time to ensure that at all times there is sufficient collateral to make payments. The Group actively engages in payment system development to help ensure that new payment systems are robust.

#### Day to day funding

Day to day funding is managed through limits on wholesale borrowings, secured borrowings and funding mismatches. These ensure that on any day and over any period there is a limited amount of refinancing required. These requirements include replacement of funds as liabilities mature or are borrowed by customers. The Retail and Commercial Bank together with Wealth maintain no reliance on wholesale funding. The Group maintains an active presence in global money markets through Barclays Capital, and monitors and manages the wholesale money market capacity for the Group's name to enable that to happen.

In addition to cash flow management, Treasury also monitors term mismatches between assets and liabilities, as well as the level and type of undrawn lending commitments, the usage of overdraft facilities and the impact of contingent liabilities such as standby letters of credit and guarantees.

#### Liquid assets

The Group maintains a portfolio of highly marketable assets including UK, US and Euro-area government bonds that can be sold or funded on a secured basis as protection against any unforeseen interruption to cash flow. The Group accesses secured funding markets in these assets on a regular basis. The Group does not rely on committed funding lines for protection against unforeseen interruptions to cash flow.

#### Diversification of liquidity sources

Sources of liquidity are regularly reviewed to maintain a wide diversification by currency, geography, provider, product and term. In addition, to avoid reliance on a particular group of customers or market sectors, the distribution of sources and the maturity profile of deposits are also carefully managed. Important factors in assuring liquidity are strength of relationships and the maintenance of depositors' confidence. Such confidence is based on a number of factors including the Group's reputation and relationship with those clients, the strength of earnings and the Group's financial position.

#### Structural liquidity

An important source of structural liquidity is provided by our core retail deposits in the UK, Europe and Africa, mainly current accounts and savings accounts. Although current accounts are repayable on demand and savings accounts at short notice, the Group's broad base of customers – numerically and by depositor type – helps to protect against unexpected fluctuations. Such accounts form a stable funding base for the Group's operations and liquidity needs.

The Group policy is to fund the balance sheet assets of the Retail and Commercial Bank together with Wealth and Head office functions on a global basis with customer deposits and capital without recourse to the wholesale markets. This provides protection from the liquidity risk of wholesale market funding. The exception to this policy is Absa, which has a large portion of wholesale funding due to the structural nature of the South African financial sector.

#### Scenario analysis and stress testing

Stress testing is undertaken to assess and plan for the impact of various scenarios which may put the Group's liquidity at risk.

Treasury develops and monitors a range of stress tests on the Group's projected cash flows. These stress scenarios include Barclays-specific scenarios such as an unexpected rating downgrade and operational problems, and external scenarios such as Emerging Market crises, payment system disruption and macro-economic shocks. The output informs both the liquidity mismatch limits and the Group's contingency funding plan. This is maintained by Treasury and is aligned with the Group and country business resumption plans to encompass decision-making authorities, internal and external communication and, in the event of a systems failure, the restoration of liquidity management and payment systems.

The ability to raise funds is in part dependent on maintaining the Bank's credit rating. The funding impact of a credit downgrade is closely tracked. Whilst the impact of a single downgrade may affect the price at which funding is available, the effect on liquidity is not considered material in Group terms.



#### 49 Liquidity risk (continued)

##### Year-end assessment of liquidity

Barclays maintained a strong liquidity profile in 2008, sufficient to absorb the impact of a stressed funding environment. The Group has access to a substantial pool of liquidity both in secured markets and from unsecured depositors including numerous foreign governments and central banks. In addition, our limited reliance on securitisations as a source of funding has meant that the uncertainty in securitisation markets has not impacted our liquidity risk profile.

Whilst funding markets were extremely difficult in the latter half of 2008, and particularly since September 2008, Barclays was able to increase available liquidity, extend the term of unsecured liabilities, and reduce reliance on unsecured funding. Barclays has participated in various government and central bank liquidity facilities, both to aid central banks implementation of monetary policy and support central bank initiatives, where participation has enabled the lengthening of the term of our refinancing. These facilities have improved access to term funding, and helped moderate money market rates.

##### Global Retail and Commercial Banking

The sum of liabilities in Global Retail and Commercial Banking, Barclays Wealth and Head office functions exceeds assets in those businesses. As a result they have no reliance on wholesale funding. The balance sheet is modelled to reflect behavioural experience in both assets and liabilities, and is managed to maintain a positive cash profile.

Throughout 2008 Global Retail and Commercial Banking continued to grow the amount of customer deposits despite competitive pressures.

##### Barclays Capital

Barclays Capital manages liquidity to be self-funding through wholesale sources, managing access to liquidity to ensure that potential cash outflows in a stressed environment are covered.

Funding reliability is maintained by accessing a wide variety of investors and geographies and by building and maintaining strong relationships with these providers of liquidity. The depositors include asset managers, money market funds, corporates, government bodies, central banks and other financial institutions. Deposits are predominantly sourced from Western Europe and North America.

##### Unsecured Funding

Additionally, unsecured funding is managed within specific term limits. The term of unsecured liabilities has been extended, with average life increasing year over year.

Our capital markets debt issuance includes issues of senior and subordinated debt in US registered offerings and medium-term note programmes and European medium-term note programs. Substantially all of our unsecured senior issuance is without covenants that trigger increased cost or accelerate maturity.

##### Secured Funding

Barclays funds securities based on liquidity characteristics. Limits are in place for each security asset class reflecting liquidity in the cash and financing markets for these assets. The vast majority of assets funded in repurchase and stock loan transactions are fundable within central bank facilities (excluding Bank of England Emergency facilities and the Federal Reserve Primary Dealer Credit Facility). These are largely composed of G7 government securities, US mortgage agency debentures and mortgage backed securities, investment grade corporate securities and listed equities.

Liquidity risk to secured funding is also mitigated by:

- selecting reliable counterparties
- maintaining term financing and by limiting the amount of overnight funding
- limiting overall secured funding usage

##### Readily available liquidity

Substantial resources are maintained to offset maturing deposits and debt. These readily available assets are sufficient to absorb stress level losses of liquidity from unsecured as well as contingent cash outflows, such as collateral requirements on ratings downgrades. The sources of liquidity and contingent liquidity are from a wide variety of sources, including deposits held with central banks and unencumbered securities.

# Notes to the accounts

## For the year ended 31st December 2008

### 49 Liquidity risk (continued)

#### Contractual maturity of financial assets and liabilities

Details of contractual maturities for assets and liabilities form an important source of information for the management of liquidity risk. In order to more accurately reflect the expected behaviour of the Group's assets and liabilities measurement and modelling of each is constructed. This forms the foundation of the liquidity controls.

The table below provides detail on the contractual maturity of all financial instruments and other assets and liabilities. Derivatives (other than those designated in a hedging relationship) and trading portfolio assets and liabilities which are included in the on demand column at their fair value. Liquidity risk on these items is not managed on the basis of contractual maturity since they are not held for settlement according to such maturity and will frequently be settled before contractual maturity at fair value. Derivatives designated in a hedging relationship are included according to their contractual maturity.

Financial assets designated at fair value in respect of linked liabilities to customers under investment contracts have been included in Other assets and Other liabilities as the Group is not exposed to liquidity risk arising from them; any request for funds from creditors would be met by simultaneously liquidating or transferring the related investment

#### At 31st December 2008

	On demand £m	Not more than three months £m	Over three months but not more than six months £m	Over six months but not more than one year £m	Over one year but not more than three years £m	Over three years but not more than five years £m	Over five years but not more than ten years £m	Over ten years £m	Total £m
<b>Assets</b>									
Cash and balances at central banks	29,774	245	–	–	–	–	–	–	30,019
Items in the course of collection from other banks	1,619	76	–	–	–	–	–	–	1,695
Trading portfolio assets	185,637	–	–	–	–	–	–	–	185,637
Financial assets designated at fair value:									
– held on own account	661	13,861	1,648	5,861	5,420	6,738	4,159	16,194	54,542
Derivative financial instruments:									
– held for trading	981,996	–	–	–	–	–	–	–	981,996
– designated for risk management	–	381	91	542	505	336	419	532	2,806
Loans and advances to banks	4,882	35,690	505	1,892	1,887	1,854	52	945	47,707
Loans and advances to customers	51,155	87,624	12,447	21,976	60,927	44,982	57,409	125,295	461,815
Available for sale financial investments	132	11,539	5,129	13,461	10,266	6,660	9,779	8,010	64,976
Reverse repurchase agreements and cash collateral on securities borrowed	29	107,415	8,947	2,582	10,124	1,019	238	–	130,354
<b>Total financial assets</b>	<b>1,255,885</b>	<b>256,831</b>	<b>28,767</b>	<b>46,314</b>	<b>89,129</b>	<b>61,589</b>	<b>72,056</b>	<b>150,976</b>	<b>1,961,547</b>
<b>Other assets</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>91,433</b>	<b>91,433</b>
<b>Total assets</b>	<b>1,255,885</b>	<b>256,831</b>	<b>28,767</b>	<b>46,314</b>	<b>89,129</b>	<b>61,589</b>	<b>72,056</b>	<b>242,409</b>	<b>2,052,980</b>
<b>Liabilities</b>									
Deposits from other banks	10,850	94,083	6,040	1,273	1,585	461	433	185	114,910
Items in the course of collection due to other banks	1,633	2	–	–	–	–	–	–	1,635
Customer accounts	195,728	112,582	9,389	10,099	2,451	1,555	1,395	2,306	335,505
Trading portfolio liabilities	59,474	–	–	–	–	–	–	–	59,474
Financial liabilities designated at fair value:									
– held on own account	1,043	16,573	10,630	5,115	12,229	12,041	11,825	7,436	76,892
Derivative financial instruments:									
– held for trading	964,071	–	–	–	–	–	–	–	964,071
– designated for risk management	–	222	141	1,345	1,197	108	781	207	4,001
Debt securities in issue	2,567	79,600	10,049	17,197	23,355	9,856	2,528	4,415	149,567
Repurchase agreements and cash collateral on securities lent	69	176,169	3,409	2,067	245	267	59	–	182,285
Subordinated liabilities	–	260	49	281	1,345	999	10,176	16,732	29,842
<b>Total financial liabilities</b>	<b>1,235,435</b>	<b>479,491</b>	<b>39,707</b>	<b>37,377</b>	<b>42,407</b>	<b>25,287</b>	<b>27,197</b>	<b>31,281</b>	<b>1,918,182</b>

<b>Other liabilities</b>	-	-	-	-	-	-	-	87,387	87,387
<b>Total liabilities</b>	1,235,435	479,491	39,707	37,377	42,407	25,287	27,197	118,668	2,005,569
<b>Cumulative liquidity gap</b>	20,450	(202,210)	(213,150)	(204,213)	(157,491)	(121,189)	(76,330)	47,411	47,411



## 49 Liquidity risk (continued)

At 31st December 2007

	On demand £m	Not more than three months £m	Over three months but not more than six months £m	Over six months but not more than one year £m	Over one year but not more than three years £m	Over three years but not more than five years £m	Over five years but not more than ten years £m	Over ten years £m	Total £m
<b>Assets</b>									
Cash and balances at central banks	4,785	1,016	–	–	–	–	–	–	5,801
Items in course of collection from other banks	1,651	185	–	–	–	–	–	–	1,836
Trading portfolio assets	193,691	–	–	–	–	–	–	–	193,691
Financial assets designated at fair value:									
– held on own account	1,901	3,202	657	3,029	13,882	7,022	10,637	16,299	56,629
Derivative financial instruments:									
– held for trading	246,950	–	–	–	–	–	–	–	246,950
– designated for risk management	–	76	92	39	260	105	317	249	1,138
Loans and advances to banks	5,882	22,143	446	3,189	1,259	1,035	5,680	486	40,120
Loans and advances to customers	43,469	62,294	12,793	19,307	35,195	30,926	47,297	94,117	345,398
Available for sale financial investments	994	9,009	4,544	2,377	10,831	6,466	5,268	3,583	43,072
Reverse repurchase agreements and cash collateral on securities borrowed	–	158,475	7,369	7,835	4,921	4,348	127	–	183,075
<b>Total financial assets</b>	<b>499,323</b>	<b>256,400</b>	<b>25,901</b>	<b>35,776</b>	<b>66,348</b>	<b>49,902</b>	<b>69,326</b>	<b>114,734</b>	<b>1,117,710</b>
<b>Other assets</b>	–	–	–	–	–	–	–	109,651	109,651
<b>Total assets</b>	<b>499,323</b>	<b>256,400</b>	<b>25,901</b>	<b>35,776</b>	<b>66,348</b>	<b>49,902</b>	<b>69,326</b>	<b>224,385</b>	<b>1,227,361</b>
<b>Liabilities</b>									
Deposits from other banks	16,288	69,049	1,977	991	651	1,171	231	188	90,546
Items in the course of collection due to other banks	1,781	11	–	–	–	–	–	–	1,792
Customer accounts	174,269	101,667	5,692	4,097	1,656	1,240	993	5,373	294,987
Trading portfolio liabilities	65,402	–	–	–	–	–	–	–	65,402
Financial liabilities designated at fair value:									
– held on own account	655	18,022	8,331	6,933	10,830	11,601	12,625	5,492	74,489
Derivative financial instruments:									
– held for trading	247,378	–	–	–	–	–	–	–	247,378
– designated for risk management	–	51	43	82	310	150	215	59	910
Debt securities in issue	698	70,760	11,798	6,945	13,308	7,696	3,123	5,900	120,228
Repurchase agreements and cash collateral on securities lent	–	160,822	2,906	5,547	40	92	22	–	169,429
Subordinated liabilities	–	–	–	–	250	934	7,511	9,455	18,150
<b>Total financial liabilities</b>	<b>506,471</b>	<b>420,382</b>	<b>30,747</b>	<b>24,595</b>	<b>27,045</b>	<b>22,884</b>	<b>24,720</b>	<b>26,467</b>	<b>1,083,311</b>
<b>Other liabilities</b>	–	–	–	–	–	–	–	111,574	111,574
<b>Total liabilities</b>	<b>506,471</b>	<b>420,382</b>	<b>30,747</b>	<b>24,595</b>	<b>27,045</b>	<b>22,884</b>	<b>24,720</b>	<b>138,041</b>	<b>1,194,885</b>
<b>Cumulative liquidity gap</b>	<b>(7,148)</b>	<b>(171,130)</b>	<b>(175,976)</b>	<b>(164,795)</b>	<b>(125,492)</b>	<b>(98,474)</b>	<b>(53,868)</b>	<b>32,476</b>	<b>32,476</b>

# Notes to the accounts

## For the year ended 31st December 2008

### 49 Liquidity risk (continued)

#### Contractual maturity of financial liabilities on an undiscounted basis

The table below presents the cash flows payable by the Group under financial liabilities by remaining contractual maturities at the balance sheet date. The amounts disclosed in the table are the contractual undiscounted cash flows of all financial liabilities (i.e nominal values), whereas the Group manages the inherent liquidity risk based on discounted expected cash inflows. Derivative financial instruments held for trading and trading portfolio liabilities are included in the on demand column at their fair value.

#### At 31st December 2008

	On demand £m	Within one year £m	Over one year but less than five years £m	Over five years £m	Total £m
Deposits from other banks	10,850	101,537	2,224	671	115,282
Items in the course of collection due to other banks	1,633	2	–	–	1,635
Customer accounts	195,728	132,927	5,249	5,807	339,711
Trading portfolio liabilities	59,474	–	–	–	59,474
Financial liabilities designated at fair value:					
– held on own account	1,043	33,860	28,300	30,427	93,630
Derivative financial instruments:					
– held for trading	964,071	–	–	–	964,071
– designated for risk management	–	1,809	1,671	1,206	4,686
Debt securities in issue	2,567	108,955	34,510	11,853	157,885
Repurchase agreements and cash collateral on securities lent	69	181,895	547	24	182,535
Subordinated liabilities	–	1,273	10,166	22,593	34,032
Other financial liabilities	–	4,573	1,572	–	6,145
<b>Total financial liabilities</b>	<b>1,235,435</b>	<b>566,831</b>	<b>84,239</b>	<b>72,581</b>	<b>1,959,086</b>
<b>Off balance sheet items</b>					
Loan commitments	222,801	30,502	5,799	917	260,019
Other commitments	493	318	340	–	1,151
<b>Total off balance sheet items</b>	<b>223,294</b>	<b>30,820</b>	<b>6,139</b>	<b>917</b>	<b>261,170</b>
<b>Total financial liabilities and off balance sheet items</b>	<b>1,458,729</b>	<b>597,651</b>	<b>90,378</b>	<b>73,498</b>	<b>2,220,256</b>

#### At 31st December 2007

	On demand £m	Within one year £m	Over one year but not more than five years £m	Over five years £m	Total £m
Deposits from other banks	16,288	72,533	2,099	275	91,195
Items in the course of collection due to other banks	1,781	11	–	–	1,792
Customer accounts	174,269	112,875	3,739	10,280	301,163
Trading portfolio liabilities	65,402	–	–	–	65,402
Financial liabilities designated at fair value:					
– held on own account	655	34,008	25,870	31,868	92,401
Derivative financial instruments:					
– held for trading	247,378	–	–	–	247,378
– designated for risk management	–	226	479	186	891
Debt securities in issue	698	91,201	22,926	15,020	129,845
Repurchase agreements and cash collateral on securities lent	–	169,725	146	23	169,894
Subordinated liabilities	–	463	4,964	17,875	23,302
Other financial liabilities	–	2,968	1,456	–	4,424
<b>Total financial liabilities</b>	<b>506,471</b>	<b>484,010</b>	<b>61,679</b>	<b>75,527</b>	<b>1,127,687</b>
<b>Off balance sheet items</b>					
Loan commitments	183,784	3,111	4,513	963	192,371
Other commitments	453	200	145	12	810
<b>Total off balance sheet items</b>	<b>184,237</b>	<b>3,311</b>	<b>4,658</b>	<b>975</b>	<b>193,181</b>

<b>Total financial liabilities and off balance sheet items</b>	690,708	487,321	66,337	76,502	1,320,868
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Financial liabilities designated at fair value in respect of linked liabilities under investment contracts have been excluded from this analysis as the Group is not exposed to liquidity risk arising from them. Any request for funds from investors would be met simultaneously from the linked assets.

The balances in the above table will not agree directly to the balances in the consolidated balance sheet as the table incorporates all cash flows, on an undiscounted basis, related to both principal as well as those associated with all future coupon payments.

The principal due under perpetual subordinated liability instruments has been included in the over five years category. Further interest payments have not been included on this amount, which according to their strict contractual terms, could carry on indefinitely.

### 50 Fair value of financial instruments

The fair value of a financial instrument is the amount for which an asset could be exchanged, or a liability settled, in an arm's length transaction between knowledgeable willing parties.

#### Comparison of carrying amounts and fair values

The following table summarises the carrying amounts of financial assets and liabilities presented on the Group's balance sheet, and their fair values differentiating between financial assets and liabilities subsequently measured at fair value and those subsequently measured at amortised cost:

	Notes	2008		2007	
		Carrying amount £m	Fair value £m	Carrying amount £m	Fair value £m
<b>Financial assets:</b>					
Cash and balances at central banks	a	30,019	30,019	5,801	5,801
Items in the course of collection from other banks	a	1,695	1,695	1,836	1,836
Trading portfolio assets					
– Treasury and other eligible bills	b	4,544	4,544	2,094	2,094
– Debt securities	b	148,686	148,686	152,778	152,778
– Equity securities	b	30,535	30,535	36,307	36,307
– Traded Loans	b	1,070	1,070	1,780	1,780
– Commodities	b	802	802	732	732
Financial assets designated at fair value:					
held in respect of linked liabilities under investment contracts	b	66,657	66,657	90,851	90,851
held under own account:					
– Equity securities	b	6,496	6,496	5,376	5,376
– Loans and advances	b	30,187	30,187	23,491	23,491
– Debt securities	b	8,628	8,628	24,217	24,217
– Other financial assets designated at fair value	b	9,231	9,231	3,545	3,545
Derivative financial instruments	b	984,802	984,802	248,088	248,088
Loans and advances to banks	c	47,707	47,594	40,120	40,106
Loans and advances to customers					
– Residential mortgage loans	c	135,077	133,605	106,619	106,615
– Credit card receivables	c	22,304	22,312	14,289	14,289
– Other personal lending	c	32,038	31,264	29,857	29,857
– Wholesale and corporate loans and advances	c	259,699	247,798	183,556	182,036
– Finance lease receivables	c	12,697	12,697	11,077	11,066
Available for sale financial instruments					
– Treasury and other eligible bills	b	4,003	4,003	2,723	2,723
– Debt securities	b	58,831	58,831	38,673	38,673
– Equity securities	b	2,142	2,142	1,676	1,676
Reverse repurchase agreements and cash collateral on securities borrowed	c	130,354	129,296	183,075	183,075
<b>Financial liabilities:</b>					
Deposits from banks	d	114,910	114,912	90,546	90,508
Items in the course of collection due to other banks	a	1,635	1,635	1,792	1,792
Customer accounts:					
– Current and demand accounts	d	82,515	82,515	80,006	80,006
– Savings accounts	d	76,008	76,008	74,599	74,599
– Other time deposits	d	176,982	176,966	140,382	141,917
Trading portfolio liabilities:					
– Treasury and other eligible bills	b	79	79	486	486
– Debt securities	b	44,309	44,309	50,506	50,506
– Equity securities	b	14,919	14,919	13,702	13,702
– Commodities	b	167	167	708	708
Financial liabilities designated at fair value:					
– Held on own account	b	76,892	76,892	74,489	74,489
– Liabilities to customers under investment contracts	b	69,183	69,183	92,639	92,639
Derivative financial instruments	b	968,072	968,072	248,288	248,288
Debt securities in issue	d	149,567	148,736	120,228	120,176
Repurchase agreements and cash collateral on securities lent	d	182,285	182,285	169,429	169,429
Subordinated liabilities	d	29,842	22,944	18,150	17,410

# Notes to the accounts

## For the year ended 31st December 2008

### 50 Fair value of financial instruments (continued)

#### Notes

- a Fair value approximates carrying value due to the short-term nature of these financial assets and liabilities.
- b The carrying value of financial instruments subsequently measured at fair value (including those held for trading, designated at fair value, derivatives and available for sale) is determined in accordance with accounting policy 7 on page 180 and further description and analysis of these fair values are set out below.
- c The carrying value of financial assets subsequently measured at amortised cost (including loans and advances, and other lending such as reverse repurchase agreements and cash collateral on securities borrowed) is determined in accordance with the accounting policy 7 on page 180. In many cases the fair value disclosed approximates the carrying value because the instruments are short term in nature or have interest rates that reprice frequently. In other cases, fair value is determined using discounted cash flows, applying either market derived interest rates or, where the counterparty is a bank, rates currently offered by other financial institutions for placings with similar characteristics. Additionally, fair value can be determined by applying an average of available regional and industry segmental credit spreads to the loan portfolio, taking the contractual maturity of the loan facilities into consideration.
- d The carrying value of financial liabilities subsequently measured at amortised cost (including customer accounts and other deposits such as repurchase agreements and cash collateral on securities lent, debt securities in issue, subordinated liabilities) is determined in accordance with the accounting policy 7 on page 180. In many cases, the fair value disclosed approximates the carrying value because the instruments are short term in nature or have interest rates that reprice frequently such as customer accounts and other deposits and short term debt securities. Fair values of other debt securities in issue are based on quoted prices where available, or where these are unavailable, are estimated using a valuation model. Fair values for dated and undated convertible and non-convertible loan capital are based on quoted market rates for the issue concerned or similar issues with similar terms and conditions.

#### Valuation methodology

The table below shows the Group's financial assets and liabilities that are recognised and measured at fair value analysed by valuation technique. A description of the nature of the techniques used to calculate valuations based on observable inputs and valuations based on unobservable inputs is set out on the next page.

	At 31st December 2008				
	Valuations based on observable inputs £m	Valuations based on unobservable inputs			Total £m
		Vanilla products £m	Exotic products £m	Total £m	
Trading portfolio assets	174,168	11,469	–	11,469	185,637
Financial assets designated at fair value:					
– held on own account	37,618	16,559	365	16,924	54,542
– held in respect of linked liabilities to customers under investment contracts	66,657	–	–	–	66,657
Derivative financial assets	970,028	12,436	2,338	14,774	984,802
Available for sale assets	63,149	1,827	–	1,827	64,976
<b>Total assets</b>	<b>1,311,620</b>	<b>42,291</b>	<b>2,703</b>	<b>44,994</b>	<b>1,356,614</b>
Trading portfolio liabilities	(59,436)	(38)	–	(38)	(59,474)
Financial liabilities designated at fair value	(71,044)	(290)	(5,558)	(5,848)	(76,892)
Liabilities to customers under investment contracts	(69,183)	–	–	–	(69,183)
Derivative financial liabilities	(959,518)	(6,151)	(2,403)	(8,554)	(968,072)
<b>Total liabilities</b>	<b>(1,159,181)</b>	<b>(6,479)</b>	<b>(7,961)</b>	<b>(14,440)</b>	<b>(1,173,621)</b>

	At 31st December 2007				
	Valuations based on observable inputs £m	Valuations based on unobservable inputs			Total £m
		Vanilla products £m	Exotic products £m	Total £m	
Trading portfolio assets	189,234	4,457	–	4,457	193,691
Financial assets designated at fair value:					
– held on own account	39,810	16,819	–	16,819	56,629
– held in respect of linked liabilities to customers under investment contracts	90,851	–	–	–	90,851
Derivative financial assets	245,381	1,118	1,589	2,707	248,088
Available for sale assets	42,262	810	–	810	43,072
<b>Total assets</b>	<b>607,538</b>	<b>23,204</b>	<b>1,589</b>	<b>24,793</b>	<b>632,331</b>
Trading portfolio liabilities	(65,360)	(42)	–	(42)	(65,402)
Financial liabilities designated at fair value	(68,317)	(951)	(5,221)	(6,172)	(74,489)
Liabilities to customers under investment contracts	(92,639)	–	–	–	(92,639)
Derivative financial liabilities	(243,906)	(1,178)	(3,204)	(4,382)	(248,288)
<b>Total liabilities</b>	<b>(470,222)</b>	<b>(2,171)</b>	<b>(8,425)</b>	<b>(10,596)</b>	<b>(480,818)</b>

Of the total Group assets of £1,356,614m measured at fair value, £44,994m (2007: £24,793m) were valued using models with unobservable inputs. While the derivative assets associated with our Monoline exposure accounted for a significant portion of the increase in assets valued using unobservable inputs, further

increases arose due to weakness in Sterling, as well as increased illiquidity in the market.

## 50 Fair value of financial instruments (continued)

The nature of the valuation techniques set out in the table above are summarised as follows:

### Valuations based on observable inputs

Valuations based on observable inputs include

- Financial instruments for which their valuations are determined by reference to unadjusted quoted prices in active markets where the quoted price is readily available and the price represents actual and regularly occurring market transactions on an arm's length basis;
- Financial instruments valued using recent arm's length market transactions or with reference to the current fair value of similar instruments;
- Linear financial instruments such as swaps and forwards which are valued using market standard pricing techniques;
- Options that are commonly traded in markets whereby all the inputs to the market-standard pricing models are deemed observable.

### Valuations based on unobservable inputs

Valuations based on unobservable inputs include:

#### (a) Vanilla products

Products valued using simple models, such as discounted cash flow or Black Scholes models, where some of the inputs are not observable. This would include, for example, commercial loans, commercial mortgage backed securities, selected mortgage products, Alt As and subprime loans, as well as long-dated vanilla options with tenors different to those commonly traded in the markets and hence unobservable volatilities.

#### (b) Exotic products

Exotic products are over-the-counter products that are relatively bespoke, not commonly traded in the markets, and are valued using sophisticated mathematical models where some of the inputs are not observable.

In determining the value of vanilla and exotic products the following are the principal inputs that can require judgement:

##### (i) Volatility

Volatility is a critical input to all option pricing models, across all asset classes. In most cases volatility is observable from the vanilla options that are traded across the various asset classes but, on occasion, volatility is unobservable, for example, for long maturity option.

##### (ii) Correlation

Across asset classes, correlation is another important input to some pricing models, for example for products whose value depends on two equity indices. In some developed markets there are products traded from which correlation can be implied, for example spread products in commodities.

##### (iii) Model input parameters

Some exotic models have input parameters that define the models, for example interest rate models tend to have parameters that are needed to capture the rich dynamics of the yield curve. These model parameters are typically not directly observable but may be inferred from observable inputs.

##### (iv) Spreads to discount rates

For certain product types, particularly credit related such as asset backed financial instruments, the discount rate is set at a spread to the standard discount (LIBOR) rates. In these cases, in addition to standard discount rates, the spread is a significant input to the valuation. For some assets this spread data can be unobservable.

##### (v) Default rates and recovery rates

In certain credit products valued using pricing models, default rates and recovery rates may be necessary inputs. Some default rates and recovery rates are deemed observable but for others which are less frequently traded in the markets they may not be.

##### (vi) Prepayment rates

For products in the securitisation businesses, for example mortgage backed securities, prepayment rates are key inputs. Some of the drivers of prepayment are understood (such as the nature of assets/loans, e.g. quality of mortgage pool and macroeconomic factors) however, future prepayment rates are considered unobservable.

The following summary sets out the principal instruments whose valuation may involve judgmental inputs.

### Corporate bonds

Corporate bonds are generally valued using observable quoted prices or recently executed transactions. Where observable price quotations are not available, the fair value is determined based on cash flow models where significant inputs may include yield curves, bond or single name credit default swap spreads.

### Mortgage whole loans

Wherever possible, the fair value of mortgage whole loans is determined using observable quoted prices or recently executed transactions for comparable assets. Where observable price quotations or benchmark proxies are not available, fair value is determined using cash flow models where significant inputs include yield curves, collateral specific loss assumptions, asset specific prepayment assumptions, yield spreads and expected default rates.

### Commercial mortgage backed securities and asset backed securities

Commercial mortgage backed securities and asset backed securities (ABS) (residential mortgages, credit cards, auto loans, student loans and leases) are valued using observable information to the greatest extent possible. Wherever possible, the fair value is determined using quoted prices or recently executed transactions. Where observable price quotations are not available, fair value is determined based on cash flow models where the significant inputs may include yield curves, credit spreads and prepayment rates. Securities that are backed by the residual cash flows of an asset portfolio are generally valued using similar cash flow models. The fair value of home equity loan bonds are determined using models which use scenario analysis with significant inputs including age,

rating, internal grade, and index prices.



# Notes to the accounts

## For the year ended 31st December 2008

### 50 Fair value of financial instruments (continued)

#### Collateralised debt obligations

The valuation of collateralised debt obligations (CDOs) notes is first based on an assessment of the probability of an event of default occurring due to a credit deterioration. This is determined by reference to the probability of event of default occurring and the probability of exercise of contractual rights related to event of default. The notes are then valued by determining appropriate valuation multiples to be applied to the contractual cash flows. These are based on inputs including the prospective cash flow performance of the underlying securities, the structural features of the transaction and the net asset value of the underlying portfolio.

#### Private equity

The fair value of private equity is determined using appropriate valuation methodologies which, dependent on the nature of the investment, may include discounted cash flow analysis, enterprise value comparisons with similar companies, price:earnings comparisons and turnover multiples. For each investment the relevant methodology is applied consistently over time.

#### OTC Derivatives

Derivative contracts can be exchange traded or over the counter (OTC). OTC derivative contracts include forward, swap and option contracts related to interest rates, bonds, foreign currencies, credit standing of reference entities, equity prices, fund levels, commodity prices or indices on these assets.

The fair value of OTC derivative contracts are modelled using a series of techniques, including closed form analytical formulae (such as the Black-Scholes option pricing model) and simulation based models. The choice of model is dependant on factors such as; the complexity of the product, inherent risks and hedging strategy: statistical behaviour of the underlying, and ability of the model to price consistently with observed market transactions. For many pricing models there is no material subjectivity because the methodologies employed do not necessitate significant judgement and the pricing inputs are observed from actively quoted markets, as is the case for generic interest rate swaps and option markets. In the case of more established derivative products, the pricing models used are widely accepted and used by the other market participants. Significant inputs used in these models may include yield curves, credit spreads, default rates, recovery rates, dividend rates, volatility of underlying interest rates, equity prices or foreign exchange rates and, in some cases, correlation between these inputs. These inputs are determined with reference to quoted prices, recently executed trades, independent market quotes and consensus data.

New, long dated or complex derivative products may require a greater degree of judgement in the implementation of appropriate valuation techniques, due to the complexity of the valuation assumptions and the reduced observability of inputs. The valuation of more complex products may use more generic derivatives as a component to calculating the overall value.

Derivatives where valuation involves a significant degree of judgement include:

#### Fund derivatives

Fund derivatives are derivatives whose underlyings include mutual funds, hedge funds, indices and multi-asset portfolios. They are valued using underlying fund prices, yield curves and available market information on the level of the hedging risk. Some fund derivatives are valued using unobservable information, generally where the level of the hedging risk is not observable in the market. These are valued taking account of risk of the underlying fund or collection of funds, diversification of the fund by asset, concentration by geographic sector, strategy of the fund, size of the transaction and concentration of specific fund managers.

#### Commodity derivatives

Commodity derivatives are valued using models where the significant inputs may include interest rate yield curves, commodity price curves, volatility of the underlying commodities and, in some cases, correlation between these inputs, which are generally observable. This approach is applied to base metal, precious metal, energy, power, gas, emissions, soft commodities and freight positions. Due to the significant time span in the various market closes, curves are constructed using differentials to a benchmark curve to ensure that all curves are valued using the dominant market base price.

#### Structured credit derivatives

Collateralised synthetic obligations (CSOs) are structured credit derivatives which reference the loss profile of a portfolio of loans, debts or synthetic underlyings. The reference asset can be a corporate credit or an asset backed credit. For CSOs that reference corporate credits an analytical model is used. For CSOs on asset backed underlyings, due to the path dependent nature of a CSO on an amortising portfolio a Monte Carlo simulation is used rather than analytic approximation. The expected loss probability for each reference credit in the portfolio is derived from the single name credit default swap spread curve and in addition, for ABS references, a prepayment rate assumption. A simulation is then used to compute survival time which allows us to calculate the marginal loss over each payment period by reference to estimated recovery rates. Significant inputs include prepayment rates, cumulative default rates, and recovery rates.

#### Sensitivity analysis of valuations using unobservable inputs

As part of our risk management processes, stress tests are applied on the significant unobservable parameters to generate a range of potentially possible alternative valuations. The financial instruments that most impact this sensitivity analysis are those with the more illiquid and/or structured portfolios. The stresses are applied independently and do not take account of any cross correlation between separate asset classes that would reduce the overall effect on the valuations.

At 31st December 2008	Significant unobservable parameters <sup>a</sup>	Potential effect recorded in profit or loss		Potential effect recorded in equity	
		Favourable (£m)	(Unfavourable) (£m)	Favourable (£m)	(Unfavourable) (£m)
Asset backed securities and loans and derivatives with asset backed underlyings	iii, iv, v, vi	1,470	(1,896)	46	(54)
Private equity <sup>b</sup>	iii, iv	209	(208)	64	(142)
Derivative assets and liabilities and financial liabilities designated at fair value:					

– Derivative exposure to Monoline insurers	iii, iv, v, vi	21	(329)	–	–
– Funds derivatives and structured notes	iii	226	(123)	–	–
– Other structured derivatives and notes	i, ii, iii	304	(196)	–	–
Other	i, ii, iii, iv, v, vi	55	(43)	–	–
<b>Total</b>		<b>2,285</b>	<b>(2,795)</b>	<b>110</b>	<b>(196)</b>

**Notes**

**a** (i)-(vi) refer to valuation inputs listed on page 275.

**b** Available for sale assets (Private Equity) and assets designated at fair value (Principal Investments).

## 50 Fair value of financial instruments (continued)

At 31st December 2007	Significant unobservable parameters <sup>a</sup>	Potential effect recorded in profit or loss		Potential effect recorded in equity	
		Favourable (Unfavourable)		Favourable (Unfavourable)	
		£m	£m	£m	£m
Asset backed securities and loans and derivatives with asset backed underlyings	iii, iv, v, vi	868	(868)	5	(5)
Private equity	iii, iv	75	(75)	36	(36)
Derivative assets and liabilities and financial liabilities designated at fair value:					
– Fund derivatives and structured notes	iii	441	(147)	–	–
– Other structured derivatives and notes	i, ii, iii	57	(56)	–	–
Other	i, ii, iii, iv, v, vi	3	(1)	–	–
<b>Total</b>		<b>1,444</b>	<b>(1,147)</b>	<b>41</b>	<b>(41)</b>

The effect of stressing the significant unobservable assumptions to a range of reasonably possible alternatives would be to increase the fair values by up to £2.4bn (2007: £1.5bn) or to decrease the fair values by up to £3.0bn (2007: £1.2bn) with substantially all the potential effect being recorded in profit or loss rather than equity.

## Asset backed securities and loans, and derivatives with asset backed underlyings

Asset backed securities, loans and related derivatives contribute most to the sensitivity analysis as at 31st December 2008. The stress effect increased in this area in 2008 due to continued market dislocation and increased levels of unobservability. The stresses having the most significant impact on the analysis are: for commercial mortgage backed securities and loans, changing the spreads to discount rates to close to originated levels (favourable stress) and increasing spreads to between 2 and 6% (unfavourable stress); for residential mortgage backed securities and loans, changing the spreads to discount rates by +/-10%; and for collateralised debt obligations that reference asset backed securities and loans, primarily by changing the spreads to discount rates by +/-20%.

## Private equity

The sensitivity amounts are calculated by stressing the key valuation inputs to each individual valuation – generally either price:earnings ratios or EBITDA analysis. The stresses are then determined by comparing these metrics with a range of similar companies.

## Derivative exposure to Monoline insurers

The favourable stress is calculated by reference to counterparty quotes for second loss protection on the appropriate reference obligations. The unfavourable stress is calculated by applying a default scenario to the monolines that are rated BBB or below.

## Fund derivatives and structured notes

The valuation of these transactions takes into account the risk that the underlying fund-linked asset value will decrease too quickly to be able to re-hedge with risk-free instruments ('gap risk'). The sensitivity amounts are determined by applying stresses to market quotes for hedging the relevant gap risk. The unfavourable stress is based on a shift in the gap risk price of 34bp, the favourable stress applies to a pricing level that assumes no gap event will occur.

## Other structured derivatives and notes

The sensitivity amounts are calculated principally by adjusting the relevant correlation sensitivity used in the valuation model by a range based on structured derivative data available in consensus pricing services. The range applied to correlation sensitivity is an adverse or beneficial move of 15bp applied to the correlation sensitivity.

Unrecognised gains as a result of the use of valuation models using unobservable inputs

The amount that has yet to be recognised in income that relates to the difference between the transaction price (the fair value at initial recognition) and the amount that would have arisen had valuation models using unobservable inputs been used on initial recognition, less amounts subsequently recognised, was as follows:

At 31st December	2008	2007
	£m	£m
At 1st January	154	534
New transactions	77	134
Amounts recognised in profit or loss during the year	(103)	(514)
At 31st December	128	154

The net asset fair value position of the related financial instruments increased by £16,357m for the year ended 31st December 2008 (31st December 2007: £2,842m). In many cases these changes in fair values were offset by changes in fair values of other financial instruments, which were priced in active markets or valued by using a valuation technique which is supported by observable market prices or rates, or by transactions which have been realised.

## Notes

a (i)-(vi) refer to valuation inputs listed on page 289.

# Notes to the accounts

## For the year ended 31st December 2008

### 51 Reclassification of financial assets held for trading

On 16th December the Group reclassified certain financial assets originally classified as held for trading that were no longer held for the purpose of selling or repurchasing in the near term out of fair value through profit or loss to loans and receivables. In making this reclassification, the Group identified those trading assets, comprising portfolios of bank-issued fixed rate notes and mortgage and other asset backed securities, for which it had a clear change of intent to hold for the foreseeable future or until maturity rather than to trade in the short term. At the time of the transfer, the Group identified rare circumstances permitting such reclassification, being severe illiquidity in the relevant market.

The following table shows carrying values and fair values of the assets reclassified at 16th December 2008.

	16th December 2008		31st December 2008	
	Carrying value £m	Carrying value £m	Carrying value £m	Fair value £m
Trading assets reclassified to loans and receivables	4,046	3,986	3,986	3,984
<b>Total financial assets reclassified to loans and receivables</b>	<b>4,046</b>	<b>3,986</b>	<b>3,986</b>	<b>3,984</b>

As at the date of reclassification, the effective interest rates on reclassified trading assets ranged from 0.18% to 9.29% with expected recoverable cash flows of £7.4bn.

If the reclassifications had not been made, the Group's income statement for 2008 would have included unrealised fair value losses on the reclassified trading assets of £1.5m.

After reclassification, the reclassified financial assets contributed the following amounts to the 2008 income before income taxes.

	2008 £m
Net interest income	4
Provision for credit losses	-
<b>Income before income taxes on reclassified trading assets</b>	<b>4</b>

Prior to reclassification in 2008, £144m of unrealised fair value losses on the reclassified trading assets was recognised in the consolidated income statement for 2008 (2007: £218m loss).

### 52 Capital Management

Barclays operates a centralised capital management model, considering both regulatory and economic capital. The capital management strategy is to continue to maximise shareholder value through optimising both the level and mix of capital resources. Decisions on the allocation of capital resources are conducted as part of the strategic planning review.

The Group's capital management objectives are to:

- Maintain sufficient capital resources to meet the minimum regulatory capital requirements set by the FSA and the US Federal Reserve Bank's requirements that a financial holding company be well capitalised.
- Maintain sufficient capital resources to support the Group's risk appetite and economic capital requirements.
- Support the Group's credit rating.
- Ensure locally regulated subsidiaries can meet their minimum capital requirements.
- Allocate capital to businesses to support the Group's strategic objectives, including optimising returns on economic and regulatory capital.

#### External Regulatory Capital Requirements

The Group is subject to minimum capital requirements imposed by the Financial Services Authority (FSA), following guidelines developed by the Basel Committee on Banking Supervision (the Basel Committee) and implemented in the UK via European Union Directives.

Under Basel II, effective from 1st January 2008, the Group has approval by the FSA to use the advanced approaches to credit and operational risk management. Pillar 1 capital requirements are generated using the Group's risk models.

Under Pillar 2 of Basel II, the Group is subject to an overall regulatory capital requirement based on individual capital guidance ('ICG') received from the FSA. The ICG imposes additional capital requirements in excess of Pillar 1 minimum capital requirements.

Outside the UK, the Group has operations (and main regulators) located in continental Europe, in particular France, Germany, Spain, Portugal and Italy (local central banks and other regulatory authorities); Asia Pacific (various regulatory authorities including the Hong Kong Monetary Authority, the Japanese FSA and the Monetary Authority of Singapore); Africa, where the Group's operations are headquartered in Johannesburg, South Africa (The South African Reserve Bank and the Financial Services Board (FSB)) and the United States of America (the Board of Governors of the Federal Reserve System (FRB) and the Securities and Exchange Commission).

The Group manages its capital resources to ensure that those Group entities that are subject to local capital adequacy regulation in individual countries meet their minimum capital requirements. Local management manages compliance with subsidiary entity minimum regulatory capital requirements with reporting to local Asset and Liability Committees and to Treasury Committee, as required.

**52 Capital Management** (continued)**Regulatory Capital**

The table below provides details of the regulatory capital resources managed by the Group.

	Basel II 2008 £m	Basel I 2007 £m
<b>Total qualifying Tier 1 capital</b>	<b>37,250</b>	27,408
<b>Total qualifying Tier 2 capital</b>	<b>22,333</b>	17,123
<b>Total deductions</b>	<b>(856)</b>	(1,889)
<b>Total net capital resources</b>	<b>58,727</b>	42,642

**Insurance businesses**

Insurance businesses are subject to separate regulation regarding Capital management and have constraints on the transfer of capital. Capital resource requirements are assessed at company level in accordance with local laws and regulations. However, the requirement is that each life fund should be able to meet its own liabilities. In the event that this should not be the case, shareholders' equity would be required to meet its liabilities to the extent that they could not otherwise be met.

The capital resource requirement of the insurance businesses at 31st December 2008 was £192m (31st December 2007: £216m).

**53 Segmental reporting**

The following section analyses the Group's performance by business. For management and reporting purposes, Barclays is organised into the following business groupings:

**Global Retail and Commercial Banking**

- UK Retail Banking
- Barclays Commercial Bank
- Barclaycard
- GRCB – Western Europe
- GRCB – Emerging Markets
- GRCB – Absa

**Investment Banking and Investment Management**

- Barclays Capital
- Barclays Global Investors
- Barclays Wealth

**Head Office Functions and Other Operations****UK Retail Banking**

UK Retail Banking comprises Personal Customers, Home Finance, Local Business, Consumer Lending and Barclays Financial Planning. This cluster of businesses aims to build broader and deeper relationships with its Personal and Local Business customers through providing a wide range of products and financial services. Personal Customers and Home Finance provide access to current account and savings products, Woolwich branded mortgages and general insurance. Consumer Lending provides unsecured loan and protection products and Barclays Financial Planning provides investment advice and products. Local Business provides banking services, including money transmission, to small businesses.

**Barclays Commercial Bank**

Barclays Commercial Bank provides banking services to organisations with an annual turnover of more than £1m. Customers are served via a network of relationship and industry sector specialists, which provides solutions constructed from a comprehensive suite of banking products, support, expertise and services, including specialist asset financing and leasing facilities. Customers are also offered access to the products and expertise of other businesses in the Group, particularly Barclays Capital, Barclaycard and Barclays Wealth.

**Barclaycard**

Barclaycard is a multi-brand credit card and consumer lending business which also processes card payments for retailers and merchants and issues credit and charge cards to corporate customers and the UK Government. It is one of Europe's leading credit card businesses and has an increasing presence in the United States and South Africa.

In the UK, Barclaycard comprises Barclaycard UK Cards, Barclaycard Partnerships, Barclays Partner Finance and FirstPlus.

Outside the UK, Barclaycard provides credit cards in the United States, Germany, South Africa (through management of the Absa credit card portfolio) and in the Scandinavian region, where Barclaycard operates through Entercard, a joint venture with Swedbank.

Barclaycard works closely with other parts of the Group, including UK Retail Banking, Barclays Commercial Bank and GRCB – Western Europe and GRCB – Emerging Markets, to leverage their distribution capabilities.

**Global Retail and Commercial Banking – Western Europe**

GRCB – Western Europe encompasses Barclays Global Retail and Commercial Banking as well as Barclaycard operations in Spain, Italy, Portugal and France.

GRCB – Western Europe serves customers through a variety of distribution channels. GRCB – Western Europe provides a variety of products including retail mortgages, current and deposit accounts, commercial lending, unsecured lending, credit cards, investments, and insurance serving the needs of Barclays retail, mass affluent, and corporate customers.

# Notes to the accounts

## For the year ended 31st December 2008

### 53 Segmental reporting (continued)

#### Global Retail and Commercial Banking – Emerging Markets

GRCB – Emerging Markets encompasses Barclays Global Retail and Commercial Banking, as well as Barclaycard operations, in 14 countries organised in six geographic areas: India and Indian Ocean (India, Mauritius and Seychelles); Middle East and North Africa (UAE and Egypt); East and West Africa (Ghana, Tanzania, Uganda and Kenya); Southern Africa (Botswana, Zambia and Zimbabwe); Russia; and Pakistan (from 23rd July 2008). GRCB – Emerging Markets serves its customers through a variety of distribution channels. GRCB – Emerging Markets provides a variety of traditional retail and commercial products including retail mortgages, current and deposit accounts, commercial lending, unsecured lending, credit cards, treasury and investments. In addition to this, it provides specialist services such as Sharia compliant products and mobile banking.

#### Global Retail and Commercial Banking – Absa

GRCB – Absa represents Barclays consolidation of Absa, excluding Absa Capital and Absa Card which is included as part of Barclays Capital and Barclaycard respectively. Absa Group Limited is a South African financial services organisation serving personal, commercial and corporate customers predominantly in South Africa. GRCB – Absa serves retail customers through a variety of distribution channels and offers a full range of banking services, including current and deposit accounts, mortgages, instalment finance, credit cards, bancassurance products and wealth management services. It also offers customised business solutions for commercial and large corporate customers.

#### Barclays Capital

Barclays Capital is the investment banking division of Barclays that provides large corporate, institutional and government clients with solutions to their financing and risk management needs.

Barclays Capital services a wide variety of client needs, covering strategic advisory and M&A; equity and fixed income capital raising and corporate lending; and risk management across foreign exchange, interest rates, equities and commodities.

Activities are organised into three principal areas: Global Markets, which includes commodities, credit products, equities, foreign exchange, interest rate products; Investment Banking, which includes corporate advisory, Mergers and Acquisitions, equity and fixed-income capital raising and corporate lending; and Private Equity and Principal Investments. Barclays Capital includes Absa Capital, the investment banking business of Absa. Barclays Capital works closely with all other parts of the Group to leverage synergies from client relationships and product capabilities.

#### Barclays Global Investors

BGI is an asset manager and a provider of investment management products and services.

BGI offers structured investment strategies such as indexing, global asset allocation and risk controlled active products including hedge funds and provides related investment services such as securities lending, cash management and portfolio transition services. BGI collaborates with the other Barclays businesses, particularly Barclays Capital and Barclays Wealth, to develop and market products and leverage capabilities to better serve the client base.

#### Barclays Wealth

Barclays Wealth serves high net worth, affluent and intermediary clients worldwide, providing private banking, asset management, stockbroking, offshore banking, wealth structuring and financial planning services and managed the closed life assurance activities of Barclays and Woolwich in the UK.

Barclays Wealth works closely with all other parts of the Group to leverage synergies from client relationships and product capabilities.

#### Head Office Functions and Other Operations

Head Office Functions and Other Operations comprises head office and central support functions, businesses in transition and inter-segment adjustments.

Head office and central support functions comprises the following areas: Executive Management, Finance, Treasury, Corporate Affairs, Human Resources, Strategy and Planning, Internal Audit, Legal, Corporate Secretariat, Property, Tax, Compliance and Risk. Costs incurred wholly on behalf of the businesses are recharged to them.

Businesses in transition principally relate to certain lending portfolios that are centrally managed with the objective of maximising recovery from the assets.

## 53 Segmental reporting (continued)

As at 31st December 2008	UK Retail Banking £m	Barclays Commercial Bank £m	Barclaycard £m	GRCB – Western Europe £m	GRCB – Emerging Markets £m	GRCB – Absa £m	Barclays Capital £m	Barclays Global Investors £m	Barclays Wealth £m	Head office functions and other operations £m	Total £m
Interest income from external customers	2,816	1,589	1,677	808	644	1,223	2,026	(52)	496	242	11,469
Other income from external customers	1,702	1,068	1,492	625	375	946	2,989	1,890	914	(355)	11,646
<b>Income from external customers, net of insurance claims</b>	<b>4,518</b>	<b>2,657</b>	<b>3,169</b>	<b>1,433</b>	<b>1,019</b>	<b>2,169</b>	<b>5,015</b>	<b>1,838</b>	<b>1,410</b>	<b>(113)</b>	<b>23,115</b>
Inter-segment income	(36)	88	50	(3)	–	29	216	6	(86)	(264)	–
<b>Total income net of insurance claims</b>	<b>4,482</b>	<b>2,745</b>	<b>3,219</b>	<b>1,430</b>	<b>1,019</b>	<b>2,198</b>	<b>5,231</b>	<b>1,844</b>	<b>1,324</b>	<b>(377)</b>	<b>23,115</b>
<b>Impairment charges and other credit provisions</b>	<b>(602)</b>	<b>(414)</b>	<b>(1,097)</b>	<b>(296)</b>	<b>(166)</b>	<b>(347)</b>	<b>(2,423)</b>	<b>–</b>	<b>(44)</b>	<b>(30)</b>	<b>(5,419)</b>
Segment expenses – external	(2,138)	(934)	(1,405)	(1,108)	(856)	(1,576)	(3,789)	(1,231)	(809)	(520)	(14,366)
Inter-segment expenses	(381)	(129)	(17)	179	137	271	15	(18)	(126)	69	–
<b>Total expenses</b>	<b>(2,519)</b>	<b>(1,063)</b>	<b>(1,422)</b>	<b>(929)</b>	<b>(719)</b>	<b>(1,305)</b>	<b>(3,774)</b>	<b>(1,249)</b>	<b>(935)</b>	<b>(451)</b>	<b>(14,366)</b>
<b>Share of post-tax results of associates and joint ventures</b>	<b>8</b>	<b>(2)</b>	<b>(3)</b>	<b>–</b>	<b>–</b>	<b>5</b>	<b>6</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>14</b>
<b>Profit on disposal of subsidiaries, associates and joint ventures</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>1</b>	<b>–</b>	<b>–</b>	<b>326</b>	<b>–</b>	<b>327</b>
Gains on acquisitions	–	–	92	52	–	–	2,262	–	–	–	2,406
<b>Business segment profit before tax</b>	<b>1,369</b>	<b>1,266</b>	<b>789</b>	<b>257</b>	<b>134</b>	<b>552</b>	<b>1,302</b>	<b>595</b>	<b>671</b>	<b>(858)</b>	<b>6,077</b>
<b>Additional information</b>											
Depreciation and amortisation	111	69	114	69	58	117	272	40	40	31	921
Impairment loss – intangible assets	–	–	–	–	–	–	–	–	(3)	–	(3)
Impairment of goodwill	–	–	37	–	–	–	74	–	–	–	111
Investments in associates and joint ventures	1	(3)	(13)	–	–	84	150	–	–	122	341
<b>Total assets</b>	<b>101,384</b>	<b>84,029</b>	<b>30,925</b>	<b>64,732</b>	<b>14,653</b>	<b>40,391</b>	<b>1,629,117</b>	<b>71,340</b>	<b>13,263</b>	<b>3,146</b>	<b>2,052,980</b>
<b>Total liabilities</b>	<b>104,640</b>	<b>64,997</b>	<b>3,004</b>	<b>37,250</b>	<b>10,517</b>	<b>20,720</b>	<b>1,603,093</b>	<b>68,372</b>	<b>45,846</b>	<b>47,130</b>	<b>2,005,569</b>





<b>joint ventures</b>	–	76	–	–	247	–	–	–	–	–	323
<b>Business segment profit before tax</b>	1,181	1,362	522	162	384	609	2,216	714	245	(259)	7,136
<b>Additional information</b>											
Depreciation and amortisation	100	23	69	44	28	141	132	13	10	31	591
Impairment loss – intangible assets	–	–	–	1	1	5	–	–	–	–	7
Investments in associates and joint ventures	(6)	9	7	(1)	–	51	71	–	–	97	228
<b>Total assets</b>	81,693	66,224	20,033	33,487	5,219	29,575	657,922	80,515	15,023	7,096	996,787
<b>Total liabilities</b>	94,694	62,335	2,062	17,545	5,207	13,974	632,208	79,366	37,652	24,354	969,397

## 53 Segmental reporting (continued)

## Revenue by products and services

An analysis of revenue from external customers by product or service is presented below:

	2008	2007	2006
	£m	£m	£m
<b>As at 31st December</b>			
<b>Net interest income</b>			
Cash and balances with central banks	174	145	91
Available for sale investments	2,355	2,580	2,811
Loans and advances to banks	1,267	1,416	903
Loans and advances to customers	23,754	19,559	16,290
Other	460	1,608	1,710
<b>Interest income</b>	<b>28,010</b>	<b>25,308</b>	<b>21,805</b>
Deposits from banks	(2,189)	(2,720)	(2,819)
Customer accounts	(6,697)	(4,110)	(3,076)
Debt securities in issue	(5,910)	(6,651)	(5,282)
Subordinated liabilities	(1,349)	(878)	(777)
Other	(396)	(1,339)	(708)
<b>Interest expense</b>	<b>(16,541)</b>	<b>(15,698)</b>	<b>(12,662)</b>
<b>Net interest income</b>	<b>11,469</b>	<b>9,610</b>	<b>9,143</b>
<b>Net fee and commission income</b>			
Brokerage fees	87	109	70
Investment management fees	1,616	1,787	1,535
Securities lending	389	241	185
Banking and credit related fees and commissions	7,208	6,363	6,031
Foreign exchange commissions	189	178	184
<b>Fee and commission income</b>	<b>9,489</b>	<b>8,678</b>	<b>8,005</b>
<b>Fee and commission expense</b>	<b>(1,082)</b>	<b>(970)</b>	<b>(828)</b>
<b>Net fee and commission income</b>	<b>8,407</b>	<b>7,708</b>	<b>7,177</b>
<b>Principal transactions</b>			
Rates related business	4,751	4,162	2,848
Credit related business	(3,422)	(403)	766
Net investment income	680	1,216	962
<b>Principal transactions</b>	<b>2,009</b>	<b>4,975</b>	<b>4,576</b>
Net premiums from insurances contracts	1,090	1,011	1,060
Net claims and benefits incurred on insurance contracts	(237)	(492)	(575)
Other income	377	188	214
<b>Total income net of insurance claims</b>	<b>23,115</b>	<b>23,000</b>	<b>21,595</b>

**Interest income**

Cash and balances with central banks interest income consists of interest income from cash on deposit with central banks. Available for sale investments interest income consists of the interest yield on debt securities, treasury bills and other eligible bills. Loans and advances to banks interest income consists of interest income from loans and advances to other banks. Loans and advances to customers interest income consists of interest income from loans, mortgages, advances and credit cards to customers. Other interest income principally consists of interest income relating to reverse repurchase agreements.

**Interest expense**

Deposits from banks interest expense consists of interest expense paid to other banks on their deposits with Barclays. Customer accounts interest expense consists of interest expense paid to customers on their current and savings account with Barclays. Debt securities in issue interest expense consists of interest expense paid to customers who hold Barclays debt securities in issue. Subordinated liabilities interest expense consists of interest expense paid to customers who hold Barclays subordinated liabilities. Other interest expense principally consists of interest expense relating to repurchase agreements and hedging activity.

**Fee and commission income**

Brokerage fees income consists of fees charged to facilitate transactions between buyers and sellers. The brokerage fee is charged for services such as negotiations, sales, purchases, delivery or advice on the transaction. Investment management fees are levied on assets under management. Securities lending fees are charged when stock is lent to third parties. Banking and credit related fees and commissions consist of fees and commissions charged on banking and credit card transactions. Foreign exchange commissions are earned on foreign exchange transactions with customers.

**Fee and commission expense**

Fee and commission expense consists of fees paid to third parties to facilitate transactions between buyers and sellers. The fee is charged for services such as negotiations, sales, purchases, delivery or advice on the transaction.

# Notes to the accounts

## For the year ended 31st December 2008

### 53 Segmental reporting (continued)

#### Principal transactions

Rates and Credit related business consists of profits and losses arising both on the purchase and sale of trading instruments and from the revaluation to market value together with the interest income and expense from these instruments and the related funding costs. Net investment income consists of the net gain from disposal of available for sale assets, dividend income, net gain from financial instruments designated at fair value and other investment income.

#### Total income net of insurance claims

Net premiums from insurance contracts consists of gross premiums from insurance contracts and premiums ceded to reinsurers. Net claims and benefits incurred on insurance contracts consists of gross claims and benefits incurred on insurance contracts and reinsurers' share of claims incurred. Other income consists of increase in fair value of assets held under linked liabilities to customers under investment contracts, increase in liabilities to customers under investment contracts, property rentals and other income.

#### Geographical information

(i) A geographical analysis of revenues from external customers is presented below:

	2008 £m	2007 £m	2006 £m
<b>Attributed to the UK</b>	<b>12,277</b>	13,127	12,154
<b>Attributed to other regions</b>			
Other European Union	3,633	3,374	2,882
United States	710	2,209	2,840
Africa	3,633	3,188	2,791
Rest of the World	2,862	1,102	928
<b>Total</b>	<b>23,115</b>	23,000	21,595

Individual countries included in Other European Union, Africa and Rest of the World contributing to more than 5% of income from external customers are as follows:

South Africa	2,618	2,374	2,359
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# Barclays Bank PLC data

Consolidated income statement

For the year ended 31st December

	Notes	2008 £m	2007 £m	2006 £m
<b>Continuing operations</b>				
Interest income	a	28,010	25,308	21,805
Interest expense	a	(16,595)	(15,707)	(12,662)
Net interest income		11,415	9,601	9,143
Fee and commission income	b	9,489	8,682	8,005
Fee and commission expense	b	(1,082)	(970)	(828)
Net fee and commission income		8,407	7,712	7,177
Net trading income	c	1,260	3,759	3,632
Net investment income	c	680	1,216	962
Principal transactions		1,940	4,975	4,594
Net premiums from insurance contracts	5	1,090	1,011	1,060
Other income	f	454	224	257
Total income		23,306	23,523	22,231
Net claims and benefits incurred on insurance contracts	5	(237)	(492)	(575)
Total income net of insurance claims		23,069	23,031	21,656
Impairment charges	7	(5,419)	(2,795)	(2,154)
Net income		17,650	20,236	19,502
Staff costs	8	(7,779)	(8,405)	(8,169)
Administration and general expenses	d	(5,662)	(4,141)	(3,914)
Depreciation of property, plant and equipment	23	(630)	(467)	(455)
Amortisation of intangible assets	22	(291)	(186)	(136)
Operating expenses		(14,362)	(13,199)	(12,674)
Share of post-tax results of associates and joint ventures	20	14	42	46
Profit on disposal of subsidiaries, associates and joint ventures		327	28	323
Gains on acquisitions	39	2,406	–	–
Profit before tax		6,035	7,107	7,197
Tax	e	(786)	(1,981)	(1,941)
Profit after tax		5,249	5,126	5,256
Profit attributable to minority interests		403	377	342
Profit attributable to equity holders		4,846	4,749	4,914
		5,249	5,126	5,256

The note numbers refer to the notes on pages 196 to 289, whereas the note letters refer to those on pages 290 to 298.

## Barclays Bank PLC data

Consolidated balance sheet

As at 31st December

	Notes	2008 £m	2007 £m
<b>Assets</b>			
Cash and balances at central banks		30,019	5,801
Items in the course of collection from other banks		1,695	1,836
Trading portfolio assets	g	185,646	193,726
Financial assets designated at fair value:			
– held on own account	13	54,542	56,629
– held in respect of linked liabilities to customers under investment contracts	13	66,657	90,851
Derivative financial instruments	14	984,802	248,088
Loans and advances to banks	15	47,707	40,120
Loans and advances to customers	15	461,815	345,398
Available for sale financial investments	h	65,016	43,256
Reverse repurchase agreements and cash collateral on securities borrowed	17	130,354	183,075
Other assets	i	6,302	5,153
Current tax assets		389	518
Investments in associates and joint ventures	20	341	377
Goodwill	21	7,625	7,014
Intangible assets	22	2,777	1,282
Property, plant and equipment	23	4,674	2,996
Deferred tax assets	19	2,668	1,463
<b>Total assets</b>		<b>2,053,029</b>	<b>1,227,583</b>
<b>Liabilities</b>			
Deposits from banks		114,910	90,546
Items in the course of collection due to other banks		1,635	1,792
Customer accounts		335,533	295,849
Trading portfolio liabilities	12	59,474	65,402
Financial liabilities designated at fair value	24	76,892	74,489
Liabilities to customers under investment contracts	13	69,183	92,639
Derivative financial instruments	14	968,072	248,288
Debt securities in issue		153,426	120,228
Repurchase agreements and cash collateral on securities lent	17	182,285	169,429
Other liabilities	j	12,640	10,514
Current tax liabilities		1,215	1,311
Insurance contract liabilities, including unit-linked liabilities	26	2,152	3,903
Subordinated liabilities	27	29,842	18,150
Deferred tax liabilities	19	304	855
Provisions	28	535	830
Retirement benefit liabilities	30	1,357	1,537
<b>Total liabilities</b>		<b>2,009,455</b>	<b>1,195,762</b>
<b>Shareholders' equity</b>			
Called up share capital	k	2,398	2,382
Share premium account	k	12,060	10,751
Other reserves	l	1,723	(170)
Other shareholders' equity	m	2,564	2,687
Retained earnings	l	22,457	14,222
<b>Shareholders' equity excluding minority interests</b>		<b>41,202</b>	<b>29,872</b>
Minority interests	n	2,372	1,949
<b>Total shareholders' equity</b>		<b>43,574</b>	<b>31,821</b>
<b>Total liabilities and shareholders' equity</b>		<b>2,053,029</b>	<b>1,227,583</b>

The note numbers refer to the notes on pages 196 to 284, whereas the note letters refer to those on pages 290 to 298.

These financial statements have been approved for issue by the Board of Directors on 5th March 2009.





# Barclays Bank PLC data

Consolidated statement of recognised income and expense

For the year ended 31st December

	2008	2007	2006
	£m	£m	£m
<b>Available for sale reserve:</b>			
– Net (losses)/gains from changes in fair value	(1,757)	389	107
– Losses transferred to net profit due to impairment	382	13	86
– Net gains transferred to net profit on disposal	(209)	(563)	(327)
– Net (gains)/losses transferred to net profit due to fair value hedging	(2)	68	14
<b>Cash flow hedging reserve:</b>			
– Net gains/(losses) from changes in fair value	305	106	(437)
– Net losses/(gains) transferred to net profit	71	253	(50)
Currency translation differences	2,407	54	(781)
Tax	841	54	253
Other	(56)	22	25
Amounts included directly in equity	1,982	396	(1,110)
<b>Profit after tax</b>	<b>5,249</b>	<b>5,126</b>	<b>5,256</b>
<b>Total recognised income and expense for the year</b>	<b>7,231</b>	<b>5,522</b>	<b>4,146</b>
<b>Attributable to:</b>			
Equity holders	6,654	5,135	4,132
Minority interests	577	387	14
	<b>7,231</b>	<b>5,522</b>	<b>4,146</b>

# Barclays Bank PLC data

Consolidated cash flow statement

For the year ended 31st December

	2008 £m	2007 £m	2006 £m
<b>Reconciliation of profit before tax to net cash flows from operating activities:</b>			
<b>Profit before tax</b>	<b>6,035</b>	7,107	7,197
<b>Adjustment for non-cash items:</b>			
Allowance for impairment	5,419	2,795	2,154
Depreciation and amortisation and impairment of property, plant, equipment and intangibles	951	669	612
Other provisions, including pensions	804	753	558
Net profit from associates and joint ventures	(14)	(42)	(46)
Net profit on disposal of investments and property, plant and equipment	(371)	(862)	(778)
Net profit from disposal of associates and joint ventures	–	(26)	(263)
Net profit from disposal of subsidiaries	(327)	(2)	(60)
Net gains on acquisitions	(2,406)	–	–
Other non-cash movements	830	(1,471)	1,661
<b>Changes in operating assets and liabilities:</b>			
Net increase in loans and advances to banks and customers	(58,432)	(77,987)	(27,385)
Net increase in deposits and debt securities in issue	76,886	91,451	46,944
Net (increase)/decrease in derivative financial instruments	(17,529)	(2,144)	1,196
Net decrease/(increase) in trading portfolio assets	26,945	(18,245)	(18,333)
Net (decrease)/increase in trading liabilities	(5,928)	(6,472)	310
Net decrease/(increase) in financial investments	5,229	(4,379)	1,538
Net (increase)/decrease in other assets	(3,005)	1,296	(1,527)
Net decrease in other liabilities	(492)	(1,056)	(1,580)
<b>Tax paid</b>	<b>(1,725)</b>	(1,583)	(2,141)
<b>Net cash from operating activities</b>	<b>32,870</b>	(10,198)	10,057
Purchase of available for sale financial investments	(57,756)	(26,947)	(47,109)
Proceeds from sale or redemption of available for sale financial investments	51,429	38,423	46,069
Purchase of intangible assets	(687)	(263)	(212)
Purchase of property, plant and equipment	(1,720)	(1,241)	(654)
Proceeds from sale of property, plant and equipment	799	617	786
Acquisition of subsidiaries, net of cash acquired	(961)	(270)	(248)
Disposal of subsidiaries, net of cash disposed	238	383	(15)
Increase in investment in subsidiaries	(157)	(668)	(432)
Decrease in investment in subsidiaries	19	57	44
Acquisition of associates and joint ventures	(96)	(220)	(162)
Disposal of associates and joint ventures	137	145	739
Other cash flows associated with investing activities	–	–	17
<b>Net cash from investing activities</b>	<b>(8,755)</b>	10,016	(1,177)
Dividends paid	(1,796)	(3,418)	(2,373)
Proceeds from borrowings and issuance of debt securities	9,645	4,625	2,493
Repayments of borrowings and redemption of debt securities	(1,207)	(683)	(366)
Net issue of shares and other equity instruments	1,327	1,355	585
Capital injection from Barclays PLC	5,137	1,434	–
Net issues of shares to minority interests	11	199	226
<b>Net cash from financing activities</b>	<b>13,117</b>	3,512	565
<b>Effect of exchange rates on cash and cash equivalents</b>	<b>(5,801)</b>	(654)	552
<b>Net increase in cash and cash equivalents</b>	<b>31,431</b>	2,676	9,997
Cash and cash equivalents at beginning of year	33,078	30,402	20,405
<b>Cash and cash equivalents at end of year</b>	<b>64,509</b>	33,078	30,402
<b>Cash and cash equivalents comprise:</b>			
Cash and balances at central banks	30,019	5,801	6,795
Loans and advances to banks	47,707	40,120	30,926

Less: non-cash amounts and amounts with original maturity greater than three months	(15,428)	(19,376)	(15,892)
	32,279	20,744	15,034
Available for sale treasury and other eligible bills	65,016	43,256	51,952
Less: non-cash and amounts with original maturity greater than three months	(62,916)	(41,872)	(50,933)
	2,100	1,384	1,019
Trading portfolio assets	185,646	193,726	177,884
Less: non-cash and amounts with maturity greater than three months	(185,535)	(188,591)	(170,346)
	111	5,135	7,538
Other	-	14	16
	64,509	33,078	30,402

# Barclays Bank PLC data

Notes to the accounts

## a Net interest income

	2008 £m	2007 £m	2006 £m
Cash and balances with central banks	174	145	91
Available for sale investments	2,355	2,580	2,811
Loans and advances to banks	1,267	1,416	903
Loans and advances to customers	23,754	19,559	16,290
Other	460	1,608	1,710
<b>Interest income</b>	<b>28,010</b>	<b>25,308</b>	<b>21,805</b>
Deposits from banks	(2,189)	(2,720)	(2,819)
Customer accounts	(6,714)	(4,110)	(3,076)
Debt securities in issue	(5,947)	(6,651)	(5,282)
Subordinated liabilities	(1,349)	(878)	(777)
Other	(396)	(1,348)	(708)
<b>Interest expense</b>	<b>(16,595)</b>	<b>(15,707)</b>	<b>(12,662)</b>
<b>Net interest income</b>	<b>11,415</b>	<b>9,601</b>	<b>9,143</b>

Interest income includes £135m (2007: £113m, 2006: £98m) accrued on impaired loans.

Other interest income principally includes interest income relating to reverse repurchase agreements. Similarly, other interest expense principally includes interest expense relating to repurchase agreements and hedging activity.

Included in net interest income is hedge ineffectiveness as detailed in Note 14.

## b Net fee and commission income

	2008 £m	2007 £m	2006 £m
<b>Fee and commission income</b>			
Brokerage fees	87	109	70
Investment management fees	1,616	1,787	1,535
Securities lending	389	241	185
Banking and credit related fees and commissions	7,208	6,367	6,031
Foreign exchange commissions	189	178	184
<b>Fee and commission income</b>	<b>9,489</b>	<b>8,682</b>	<b>8,005</b>
<b>Fee and commission expense</b>	<b>(1,082)</b>	<b>(970)</b>	<b>(828)</b>
<b>Net fee and commission in come</b>	<b>8,407</b>	<b>7,712</b>	<b>7,177</b>

## c Principal transactions

	2008 £m	2007 £m	2006 £m
Rates related business	4,682	4,162	2,866
Credit related business	(3,422)	(403)	766
<b>Net trading in come</b>	<b>1,260</b>	<b>3,759</b>	<b>3,632</b>
Net gain from disposal of available for sale assets	212	560	307
Dividend income	196	26	15
Net gain from financial instruments designated at fair value	33	293	447
Other investment income	239	337	193
<b>Net investment in come</b>	<b>680</b>	<b>1,216</b>	<b>962</b>
<b>Principal transactions</b>	<b>1,940</b>	<b>4,975</b>	<b>4,594</b>

Net trading income includes the profits and losses arising both on the purchase and sale of trading instruments and from the revaluation to fair value, together with the interest income earned from these instruments and the related funding cost.

Of the total net trading income, a £2,096m net loss (2007: £116m loss, 2006: £1,427m gain) was made on the purchase and sale of securities and the revaluation of both securities and derivatives. This included a £1,272m gain (2007: £640m gain, 2006: £480m gain) that was earned in foreign exchange dealings.

The net loss on financial assets designated at fair value included within principal transactions was £6,602m (2007: £78m gain, 2006: £489m gain) of which losses of £6,635m (2007: £215m loss, 2006: £42m gain) were included in net trading income and gains of £33m (2007: £293m, 2006: £447m) were included in net investment income.

**c Principal transactions (continued)**

The net gain on financial liabilities designated at fair value included within principal transactions was £3,328m (2007: £231m loss, 2006: £920m loss), all of which was included within net trading income.

Net trading income includes the net gain from widening of credit spreads relating to Barclays Capital issued notes held at fair value was £1,663m (2007: £658m, 2006: £nil).

**d Administration and general expenses**

	2008 £m	2007 £m	2006 £m
Administrative expenses	5,149	3,978	3,980
Impairment charges/(releases):			
– property and equipment (Note 23)	33	2	14
– intangible assets (Note 22)	(3)	14	7
– goodwill (Note 21)	111	–	–
Operating lease rentals	520	414	345
Gain on property disposals	(148)	(267)	(432)
<b>Administration and general expenses</b>	<b>5,662</b>	<b>4,141</b>	<b>3,914</b>

**Auditors' remuneration**

	2008				
	Audit £m	Audit related £m	Taxation services £m	Other services £m	Total £m
<b>Audit of the Group's annual accounts</b>	12	–	–	–	12
<b>Other services:</b>					
Fees payable for the audit of the Bank's associates pursuant to legislation	20	–	–	–	20
Other services supplied pursuant to such legislation	–	2	–	–	2
Other services relating to taxation	–	–	10	–	10
Services relating to corporate finance transactions entered into or proposed to be entered into by or on behalf of the Bank or any of its associates	–	–	–	3	3
Other	–	4	–	1	5
<b>Total auditors' remuneration</b>	<b>32</b>	<b>6</b>	<b>10</b>	<b>4</b>	<b>52</b>
	2007				
	Audit £m	Audit related £m	Taxation services £m	Other services £m	Total £m
<b>Audit of the Group's annual accounts</b>	7	–	–	–	7
<b>Other services:</b>					
Fees payable for the audit of the Bank's associates pursuant to legislation	12	–	–	–	12
Other services supplied pursuant to such legislation	6	2	–	–	8
Other services relating to taxation	–	–	8	–	8
Services relating to corporate finance transactions entered into or proposed to be entered into by or on behalf of the Bank or any of its associates	–	–	–	5	5
Other	–	2	–	2	4
<b>Total auditors' remuneration</b>	<b>25</b>	<b>4</b>	<b>8</b>	<b>7</b>	<b>44</b>
	2006				
	Audit £m	Audit related £m	Taxation services £m	Other services £m	Total £m
<b>Audit of the Group's annual accounts</b>	7	–	–	–	7
<b>Other services:</b>					
Fees payable for the audit of the Bank's associates pursuant to legislation	11	–	–	–	11
Other services supplied pursuant to such legislation	10	1	–	–	11
Other services relating to taxation	–	–	6	–	6
Services relating to corporate finance transactions entered into or proposed to be entered into by or on behalf of the Bank or any of its associates	–	–	–	4	4
Other	–	4	–	1	5
<b>Total auditors' remuneration</b>	<b>28</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>44</b>

The figures shown in the above table relate to fees paid to PricewaterhouseCoopers LLP and its associates. Fees paid to other auditors not associated with PricewaterhouseCoopers LLP in respect of the audit of the Bank's subsidiaries were £3m (2007: £2m, 2006: £2m).

# Barclays Bank PLC data

Notes to the accounts

## d Administration and general expenses (continued)

Fees payable for the audit of the Bank's associates pursuant to legislation comprise the fees for the statutory audit of the subsidiaries and associated pension schemes both inside and outside Great Britain and fees for the work performed by the associates of PricewaterhouseCoopers LLP in respect of the consolidated financial statements of the Bank. The fees relating to the audit of the associated pension schemes were £0.2m (2007: £0.3m, 2006: £0.3m).

Other services supplied pursuant to such legislation comprise services in relation to statutory and regulatory filings. These includes audit services for the review of the interim financial information under the Listing Rules of the UK listing authority and fees paid for reporting under Section 404 of the US Sarbanes-Oxley Act (Section 404). In 2008 fees paid for reporting under Section 404 are not separately identifiable from the fees of the audit of the Bank's annual accounts and the Bank's associates. Fees for the audit of Barclays Bank PLC Group accounts are not separately identifiable from Barclays PLC, therefore there is no difference in the amounts reported in both Annual Reports. In addition, other services include Section 404 advisory, reporting accountant work for capital raising, securitisations and services relating to acquisition activities.

Taxation services include compliance services such as tax return preparation and advisory services such as consultation on tax matters, tax advice relating to transactions and other tax planning and advice.

Services relating to corporate finance transactions comprise due diligence related to transactions and other work in connection with such transactions.

## e Tax

The charge for tax is based upon the UK corporation tax rate of 28.5% (2007: 30%, 2006: 30%) and comprises:

	2008 £m	2007 £m	2006 £m
<b>Current tax charge/(credit)</b>			
Current year	1,559	2,385	1,929
Adjustment for prior years	97	(11)	8
	<b>1,656</b>	<b>2,374</b>	<b>1,937</b>
<b>Deferred tax (credit)/charge</b>			
Current year	(597)	(367)	(16)
Adjustment for prior years	(273)	(26)	20
	<b>(870)</b>	<b>(393)</b>	<b>4</b>
<b>Total charge</b>	<b>786</b>	<b>1,981</b>	<b>1,941</b>

The effective tax rate for the years 2008, 2007 and 2006 is lower than the standard rate of corporation tax in the UK of 28.5% (2007: 30%, 2006: 30%). The differences are set out below:

	2008 £m	2007 £m	2006 £m
<b>Profit before tax</b>	<b>6,035</b>	<b>7,107</b>	<b>7,197</b>
Tax charge at standard UK corporation tax rate of 28.5% (2007: 30%, 2006: 30%)	1,720	2,132	2,159
Adjustment for prior years	(176)	(37)	24
Differing overseas tax rates	215	(77)	(17)
Non-taxable gains and income (including amounts offset by unrecognised tax losses)	(833)	(136)	(393)
Share-based payments	229	72	27
Deferred tax assets not previously recognised	(514)	(158)	(4)
Change in tax rates	(1)	24	4
Other non-allowable expenses	146	161	141
<b>Overall tax charge</b>	<b>786</b>	<b>1,981</b>	<b>1,941</b>
<b>Effective tax rate</b>	<b>13%</b>	<b>28%</b>	<b>27%</b>

The effective rate of tax for 2008, based on profit before tax, was 13% (2007: 28%). The effective tax rate differs from the 2007 effective rate and the UK corporation tax rate of 28.5% principally due to the Lehman Brothers North American businesses acquisition. Under IFRS the gain on acquisition of £2,262m is calculated net of deferred tax liabilities included in the acquisition balance sheet and is thus not subject to further tax in calculating the tax charge for the year. Furthermore, Barclays has tax losses previously unrecognised as a deferred tax asset but capable of sheltering part of this deferred tax liability. This gives rise to a tax benefit of £492m which, in accordance with IAS 12, is included as a credit within the tax charge for the year. The effective rate has been adversely impacted by the effect of the fall in the Barclays share price on the deferred tax asset recognised on share awards. In common with prior years there have been offsetting adjustments relating to different overseas tax rates, disallowable expenditure and non taxable gains and income.

## f Other income

	2008 £m	2007 £m	2006 £m
(Decrease)/increase in fair value of assets held in respect of linked liabilities to customers under investment contracts	(10,422)	5,592	7,417
Decrease/(increase) in liabilities to customers under investment contracts	10,422	(5,592)	(7,417)
Property rentals	73	53	55
Other income	381	171	202
<b>Other income</b>	<b>454</b>	<b>224</b>	<b>257</b>

Included in other income are sub-lease rentals of £18m (2007: £18m, 2006: £18m), and in 2008 only is a £47m gain from the Visa IPO.

## g Trading portfolio assets

	2008 £m	2007 £m
<b>Trading portfolio assets</b>		
Treasury and other eligible bills	4,544	2,094
Debt securities	148,686	152,778
Equity securities	30,544	36,342
Traded loans	1,070	1,780
Commodities	802	732
<b>Trading portfolio assets</b>	<b>185,646</b>	<b>193,726</b>

## h Available for sale financial investments

	2008 £m	2007 £m
Debt securities	58,831	38,673
Treasury bills and other eligible bills	4,003	2,723
Equity securities	2,182	1,860
<b>Available for sale financial investments</b>	<b>65,016</b>	<b>43,256</b>

## Movement in available for sale financial investments

	2008 £m	2007 £m
<b>At beginning of year</b>	<b>43,256</b>	<b>51,952</b>
Exchange and other adjustments	14,275	1,499
Acquisitions and transfers	59,703	26,950
Disposals (through sale and redemption)	(50,629)	(37,498)
(Losses)/gains from changes in fair value recognised in equity	(1,190)	391
Impairment	(382)	(13)
Amortisation of discounts/premium	(17)	(25)
<b>At end of year</b>	<b>65,016</b>	<b>43,256</b>

## i Other assets

	2008 £m	2007 £m
Sundry debtors	4,814	4,045
Prepayments	882	551
Accrued income	483	400
Reinsurance assets	123	157
<b>Other assets</b>	<b>6,302</b>	<b>5,153</b>

Included in the above Group balances are £4,704m (2007: £4,541m) expected to be recovered within no more than 12 months after the balance sheet date; and balances of £1,598m (2007: £612m) expected to be recovered more than 12 months after the balance sheet date.

Other assets include £3,096m (2007: £3,966m) of receivables which meet the definition of financial assets.

# Barclays Bank PLC data

Notes to the accounts

## j Other liabilities

	2008 £m	2007 £m
Accruals and deferred income	6,495	6,075
Sundry creditors	6,049	4,356
Obligations under finance leases	96	83
<b>Other liabilities</b>	<b>12,640</b>	<b>10,514</b>

Included in the above are balances of £11,068m (2007: £9,058m) expected to be settled within no more than 12 months after the balance sheet date; and balances of £1,572m (2007: £1,456m) expected to be settled more than 12 months after the balance sheet date.

Accruals and deferred income included £nil (2007: £102m) in relation to deferred income from investment contracts and £nil (2007: £677m) in relation to deferred income from insurance contracts for the Group.

## k Called up share capital

### Ordinary Shares

The authorised ordinary share capital of the Bank, as at 31st December 2008, was 3,000 million (2007: 3,000 million) ordinary shares of £1 each.

During the year, the Bank issued 1 million ordinary shares, for cash consideration of £17m.

### Preference Shares

The authorised preference share capital of Barclays Bank PLC, as at 31st December 2008, was 1,000 Preference Shares (2007: 1,000) of £1; 400,000 Preference Shares of €100 each (2007: 400,000); 400,000 Preference Shares of £100 each (2007: 400,000); 400,000 Preference Shares of US\$100 each (2007: 400,000); 300 million Preference Shares of US\$0.25 each (2007: 150 million).

The issued preference share capital of Barclays Bank PLC, as at 31st December 2008, comprised 1,000 (2007: 1,000) Sterling Preference Shares of £1 each; 240,000 (2007: 240,000) Euro Preference Shares of €100 each; 75,000 (2007: 75,000) Sterling Preference Shares of £100 each; 100,000 (2007: 100,000) US Dollar Preference Shares of US\$100 each; 237 million (2007: 131 million) US Dollar Preference Shares of US\$0.25 each.

	2008 £m	2007 £m
Called up share capital, allotted and fully paid		
At beginning of year	2,336	2,329
Issued for cash	2	7
<b>At end of year</b>	<b>2,338</b>	<b>2,336</b>
Called up preference share capital, allotted and fully paid		
At beginning of year	46	34
Issued for cash	14	12
<b>At end of year</b>	<b>60</b>	<b>46</b>
<b>Called up share capital</b>	<b>2,398</b>	<b>2,382</b>

### Share premium

	2008 £m	2007 £m
<b>At beginning of year</b>	<b>10,751</b>	<b>9,452</b>
Ordinary shares issued for cash	15	104
Preference shares issued for cash	1,294	1,195
<b>At end of year</b>	<b>12,060</b>	<b>10,751</b>



**k Called up share capital (continued)****Sterling £1 Preference Shares**

1,000 Sterling cumulative callable preference shares of £1 each (the '£1 Preference Shares') were issued on 31st December 2004 at nil premium.

The £1 Preference Shares entitle the holders thereof to receive Sterling cumulative cash dividends out of distributable profits of Barclays Bank PLC, semi-annually at a rate reset semi-annually equal to the Sterling interbank offered rate for six-month sterling deposits.

Barclays Bank PLC shall be obliged to pay such dividends if: (1) it has profits available for the purpose of distribution under the Companies Act 1985 as at each dividend payment date; and (2) it is solvent on the relevant dividend payment date, provided that a capital regulations condition is satisfied on such dividend payment date. The dividends shall not be due and payable on the relevant dividend payment date except to the extent that Barclays Bank PLC could make such payment and still be solvent immediately thereafter. Barclays Bank PLC shall be considered solvent on any date if: (1) it is able to pay its debts to senior creditors as they fall due; and (2) its auditors have reported within the previous six months that its assets exceed its liabilities. If Barclays Bank PLC shall not pay, or shall pay only in part, a dividend for a period of seven days or more after the due date for payment, the holders of the £1 Preference Shares may institute proceedings for the winding-up of Barclays Bank PLC. No remedy against Barclays Bank PLC shall be available to the holder of any £1 Preference Shares for the recovery of amounts owing in respect of £1 Preference Shares other than the institution of proceedings for the winding-up of Barclays Bank PLC and/or proving in such winding-up. On a winding-up or other return of capital (other than a redemption or purchase by Barclays Bank PLC of any of its issued shares, or a reduction of share capital, permitted by the Articles of Barclays Bank PLC and under applicable law), the assets of Barclays Bank PLC available to shareholders shall be applied in priority to any payment to the holders of ordinary shares and any other class of shares in the capital of Barclays Bank PLC then in issue ranking junior to the £1 Preference Shares on such a return of capital and *pari passu* on such a return of capital with the holders of any other class of shares in the capital of Barclays Bank PLC then in issue (other than any class of shares in the capital of Barclays Bank PLC then in issue ranking in priority to the £1 Preference Shares on a winding-up or other such return of capital), in payment to the holders of the £1 Preference Shares of a sum equal to the aggregate of: (1) an amount equal to the dividends accrued thereon for the then current dividend period (and any accumulated arrears thereof) to the date of the commencement of the winding-up or other such return of capital; and (2) an amount equal to £1 per £1 Preference Share. After payment of the full amount of the liquidating distributions to which they are entitled, the holders of the £1 Preference Shares will have no right or claim to any of the remaining assets of Barclays Bank PLC and will not be entitled to any further participation in such return of capital. The £1 Preference Shares are redeemable at the option of Barclays Bank PLC, in whole but not in part only, subject to the Companies Act 1985 and its Articles. Holders of the £1 Preference Shares are not entitled to receive notice of, or to attend, or vote at, any general meeting of Barclays Bank PLC.

**Euro Preference Shares**

100,000 Euro 4.875% non-cumulative callable preference shares of €100 each (the '4.875% Preference Shares') were issued on 8th December 2004 for a consideration of €993.6m (£688.4m), of which the nominal value was €10m and the balance was share premium. The 4.875% Preference Shares entitle the holders thereof to receive Euro non-cumulative cash dividends out of distributable profits of Barclays Bank PLC, annually at a fixed rate of 4.875% per annum on the amount of €10,000 per preference share until 15th December 2014, and thereafter quarterly at a rate reset quarterly equal to 1.05% per annum above the Euro interbank offered rate for three-month Euro deposits.

The 4.875% Preference Shares are redeemable at the option of Barclays Bank PLC, in whole but not in part only, on 15th December 2014, and on each dividend payment date thereafter at €10,000 per share plus any dividends accrued for the then current dividend period to the date fixed for redemption.

140,000 Euro 4.75% non-cumulative callable preference shares of €100 each (the '4.75% Preference Shares') were issued on 15th March 2005 for a consideration of €1,383.3m (£966.7m), of which the nominal value was €14m and the balance was share premium. The 4.75% Preference Shares entitle the holders thereof to receive Euro non-cumulative cash dividends out of distributable profits of Barclays Bank PLC, annually at a fixed rate of 4.75% per annum on the amount of €10,000 per preference share until 15th March 2020, and thereafter quarterly at a rate reset quarterly equal to 0.71% per annum above the Euro interbank offered rate for three-month Euro deposits.

The 4.75% Preference Shares are redeemable at the option of Barclays Bank PLC, in whole but not in part only, on 15th March 2020, and on each dividend payment date thereafter at €10,000 per share plus any dividends accrued for the then current dividend period to the date fixed for redemption.

**Sterling Preference Shares**

75,000 Sterling 6.0% non-cumulative callable preference shares of £100 each (the '6.0% Preference Shares') were issued on 22nd June 2005 for a consideration of £732.6m, of which the nominal value was £7.5m and the balance was share premium. The 6.0% Preference Shares entitle the holders thereof to receive Sterling non-cumulative cash dividends out of distributable profits of Barclays Bank PLC, annually at a fixed rate of 6.0% per annum on the amount of £10,000 per preference share until 15th December 2017, and thereafter quarterly at a rate reset quarterly equal to 1.42% per annum above the London interbank offered rate for three-month Sterling deposits.

The 6.0% Preference Shares are redeemable at the option of Barclays Bank PLC, in whole but not in part only, on 15th December 2017, and on each dividend payment date thereafter at £10,000 per share plus any dividends accrued for the then current dividend period to the date fixed for redemption.

**US Dollar Preference Shares**

100,000 US Dollar 6.278% non-cumulative callable preference shares of US\$100 each (the '6.278% Preference Shares'), represented by 100,000 American Depositary Shares, Series 1, were issued on 8th June 2005 for a consideration of US\$995.4m (£548.1m), of which the nominal value was US\$10m and the balance was share premium. The 6.278% Preference Shares entitle the holders thereof to receive US Dollar non-cumulative cash dividends out of distributable profits of Barclays Bank PLC, semi-annually at a fixed rate of 6.278% per annum on the amount of US\$10,000 per preference share until 15th December 2034, and thereafter quarterly at a rate reset quarterly equal to 1.55% per annum above the London interbank offered rate for three-month US Dollar deposits.

The 6.278% Preference Shares are redeemable at the option of Barclays Bank PLC, in whole but not in part only, on 15th December 2034, and on each dividend payment date thereafter at US\$10,000 per share plus any dividends accrued for the then current dividend period to the date fixed for redemption.

30 million US Dollar 6.625% non-cumulative callable preference shares of US\$0.25 each (the '6.625% Preference Shares'), represented by 30 million American Depositary Shares, Series 2, were issued on 25th and 28th April 2006 for a consideration of US\$727m (£406m), of which the nominal value was US\$7.5m and the balance was share premium. The 6.625% Preference Shares entitle the holders thereof to receive US Dollar non-cumulative cash dividends out of distributable profits of Barclays Bank PLC, quarterly at a fixed rate of 6.625% per annum on the amount of US\$25 per preference share.



# Barclays Bank PLC data

Notes to the accounts

## k Called up share capital (continued)

The 6.625% Preference Shares are redeemable at the option of Barclays Bank PLC, in whole but not in part only, on 15th September 2011, and on each dividend payment date thereafter at US\$25 per share plus any dividends accrued for the then current dividend period to the date fixed for redemption.

55 million US Dollar 7.1% non-cumulative callable preference shares of US\$0.25 each (the '7.1% Preference Shares'), represented by 55 million American Depositary Shares, Series 3, were issued on 13th September 2007 for a consideration of US\$1,335m (£657m), of which the nominal value was US\$13.75m and the balance was share premium. The 7.1% Preference Shares entitle the holders thereof to receive US Dollar non-cumulative cash dividends out of distributable profits of Barclays Bank PLC, quarterly at a fixed rate of 7.1% per annum on the amount of US\$25 per preference share.

The 7.1% Preference Shares are redeemable at the option of Barclays Bank PLC, in whole or in part, on 15th December 2012, and on each dividend payment date thereafter at US\$25 per share plus any dividends accrued for the then current dividend period to the date fixed for redemption.

46 million US Dollar 7.75% non-cumulative callable preference shares of US\$0.25 each (the '7.75% Preference Shares'), represented by 46 million American Depositary Shares, Series 4, were issued on 7th December 2007 for a consideration of US\$1,116m (£550m), of which the nominal value was US\$11.5m and the balance was share premium. The 7.75% Preference Shares entitle the holders thereof to receive US Dollar non-cumulative cash dividends out of distributable profits of Barclays Bank PLC, quarterly at a fixed rate of 7.75% per annum on the amount of US\$25 per preference share.

The 7.75% Preference Shares are redeemable at the option of Barclays Bank PLC, in whole or in part, on 15th December 2013, and on each dividend payment date thereafter at US\$25 per share plus any dividends accrued for the then current dividend period to the date fixed for redemption.

106 million US Dollar 8.125% non-cumulative callable preference shares of US\$0.25 each (the '8.125% Preference Shares'), represented by 106 million American Depositary Shares, Series 5, were issued on 11th April 2008 and 25th April 2008 for a total consideration of US\$2,650m (£1,345m), of which the nominal value was US\$26.5m and the balance was share premium. The 8.125% Preference Shares entitle the holders thereof to receive US Dollar non-cumulative cash dividends out of distributable profits of Barclays Bank PLC, quarterly at a fixed rate of 8.125% per annum on the amount of US\$25 per preference share.

The 8.125% Preference Shares are redeemable at the option of Barclays Bank PLC, in whole or in part, on 15th June 2013, and on each dividend payment date thereafter at US\$25 per share plus any dividends accrued for the then current dividend period to the date fixed for redemption.

No redemption or purchase of any 4.875% Preference Shares, the 4.75% Preference Shares, the 6.0% Preference Shares, the 6.278% Preference Shares, the 6.625% Preference Shares, the 7.1% Preference Shares, the 7.75% Preference Shares and the 8.125% Preference Shares (together, the 'Preference Shares') may be made by Barclays Bank PLC without the prior notification to the UK FSA and any such redemption will be subject to the Companies Act 1985 and the Articles of Barclays Bank PLC.

On a winding-up of Barclays Bank PLC or other return of capital (other than a redemption or purchase of shares of Barclays Bank PLC, or a reduction of share capital), a holder of Preference Shares will rank in the application of assets of Barclays Bank PLC available to shareholders: (1) junior to the holder of any shares of Barclays Bank PLC in issue ranking in priority to the Preference Shares; (2) equally in all respects with holders of other preference shares and any other shares of Barclays Bank PLC in issue ranking pari passu with the Preference Shares; and (3) in priority to the holders of ordinary shares and any other shares of Barclays Bank PLC in issue ranking junior to the Preference Shares.

The holders of the £400m 6% Callable Perpetual Core Tier One Notes and the US\$1,000m 6.86% Callable Perpetual Core Tier One Notes of Barclays Bank PLC (together, the 'TONs') and the holders of the US\$1,250m 8.55% Step-up Callable Perpetual Reserve Capital Instruments, the US\$750m 7.375% Step-up Callable Perpetual Reserve Capital Instruments, the €850m 7.50% Step-up Callable Perpetual Reserve Capital Instruments, the £500m 5.3304% Step-up Callable Perpetual Reserve Capital Instruments, the US\$1,350m 5.926% Step-up Callable Perpetual Reserve Capital Instruments, the £500m 6.3688% Step-up Callable Perpetual Reserve Capital Instruments, the US\$1,250m 7.434% Step-up Callable Perpetual Reserve Capital Instruments and the £3,000m 14% Step-up Callable Perpetual Reserve Capital Instruments of Barclays Bank PLC (together, the 'RCIs') would, for the purposes only of calculating the amounts payable in respect of such securities on a winding-up of Barclays Bank PLC, subject to limited exceptions and to the extent that the TONs and the RCIs are then in issue, rank pari passu with the holders of the most senior class or classes of preference shares then in issue in the capital of Barclays Bank PLC. Accordingly, the holders of the preference shares would rank equally with the holders of such TONs and RCIs on such a winding-up of Barclays Bank PLC (unless one or more classes of shares of Barclays Bank PLC ranking in priority to the preference shares are in issue at the time of such winding-up, in which event the holders of such TONs and RCIs would rank equally with the holders of such shares and in priority to the holders of the preference shares).

Subject to such ranking, in such event, holders of the preference shares will be entitled to receive out of assets of Barclays Bank PLC available for distributions to shareholders, liquidating distributions in the amount of €10,000 per 4.875% Preference Share, €10,000 per 4.75% Preference Share, £10,000 per 6.0% Preference Share, US\$10,000 per 6.278% Preference Share, US\$25 per 6.625% Preference Share, US\$25 per 7.1% Preference Share, US\$25 per 7.75% Preference Share and US\$0.25 per 8.125% Preference Share, plus, in each case, an amount equal to the accrued dividend for the then current dividend period to the date of the commencement of the winding-up or other such return of capital. If a dividend is not paid in full on any preference shares on any dividend payment date, then a dividend restriction shall apply.

This dividend restriction will mean that neither Barclays Bank PLC nor Barclays PLC may (a) declare or pay a dividend (other than payment by Barclays PLC of a final dividend declared by its shareholders prior to the relevant dividend payment date, or a dividend paid by Barclays Bank PLC to Barclays PLC or to a wholly owned subsidiary) on any of their respective ordinary shares, other preference shares or other share capital or (b) redeem, purchase, reduce or otherwise acquire any of their respective share capital, other than shares of Barclays Bank PLC held by Barclays PLC or a wholly owned subsidiary, until the earlier of: (1) the date on which Barclays Bank PLC next declares and pays in full a preference dividend; and (2) the date on or by which all the preference shares are redeemed in full or purchased by Barclays Bank PLC.

Holders of the preference shares are not entitled to receive notice of, or to attend, or vote at, any general meeting of Barclays Bank PLC. Barclays Bank PLC is not permitted to create a class of shares ranking as regards participation in the profits or assets of Barclays Bank PLC in priority to the preference shares, save with the sanction of a special resolution of a separate general meeting of the holders of the preference shares (requiring a majority of not less than three-fourths of the holders of the preference shares voting at the separate general meeting) or with the consent in writing of the holders of three-fourths of the preference shares.

Except as described above, the holders of the preference shares have no right to participate in the surplus assets of Barclays Bank PLC.



## I Reserves

## Other reserves

	Available for sale reserve £m	Cash flow hedging reserve £m	Translation reserve £m	Total £m
<b>At 1st January 2008</b>	111	26	(307)	(170)
Net (losses)/gains from changes in fair value	(1,752)	252	–	(1,500)
Net (gains)/losses transferred to net profit	(212)	19	–	(193)
Currency translation differences	–	–	2,307	2,307
Losses transferred to net profit due to impairment	382	–	–	382
Changes in insurance liabilities	17	–	–	17
Net gains transferred to net profit due to fair value hedging	(2)	–	–	(2)
Tax	207	(165)	840	882
<b>At 31st December 2008</b>	<b>(1,249)</b>	<b>132</b>	<b>2,840</b>	<b>1,723</b>

## Retained earnings

	Retained earnings £m
<b>At 1st January 2008</b>	<b>14,222</b>
Profit attributable to equity holders	4,846
Equity-settled share schemes	463
Tax on equity-settled shares schemes	(4)
Other taxes	(52)
Vesting of Barclays PLC shares under share-based payment schemes	(437)
Dividends paid	(1,160)
Dividends on preference shares and other shareholders' equity	(502)
Capital injection from Barclays PLC	5,137
Other movements	(56)
<b>At 31st December 2008</b>	<b>22,457</b>
<b>At 1st January 2007</b>	<b>11,556</b>
Profit attributable to equity holders	4,749
Equity-settled share schemes	567
Tax on equity-settled shares schemes	28
Vesting of Barclays PLC shares under share-based payment schemes	(524)
Dividends paid	(3,287)
Dividends on preference shares and other shareholders' equity	(345)
Capital injection from Barclays PLC	1,434
Other movements	44
<b>At 31st December 2007</b>	<b>14,222</b>

Transfers from the cash flow hedging reserve to the income statement were: interest income £4m loss (2007: £93m loss), interest expense £74m loss (2007: £11m gain), net trading income £119m gain (2007: £100m loss) and administration and general expenses of £60m loss (2007: £16m loss).

## m Other shareholders' equity

	2008 £m	2007 £m
<b>At 1st January</b>	<b>2,687</b>	<b>2,534</b>
Appropriations	23	8
Other movements	(146)	145
<b>At 31st December</b>	<b>2,564</b>	<b>2,687</b>

Included in other shareholders' equity are:

Issuances of reserve capital instruments which bear a fixed rate of interest ranging between 7.375%-8.55% until 2010 or 2011. After these dates, in the event that the reserve capital instruments are not redeemed, they will bear interest at rates fixed periodically in advance, based on London or European interbank rates. These instruments are repayable, at the option of the Bank, in whole on any coupon payment date falling in or after June or December 2010 or 2011. The Bank may elect to defer any payment of interest on the reserve capital instruments for any period of time. Whilst such deferral is continuing, neither the Bank nor Barclays PLC may declare or pay a dividend, subject to certain exceptions, on any of its ordinary shares or preference shares.

Issuance of capital notes which bear interest at rates fixed periodically in advance, based on London interbank rates. These notes are repayable in each case, at the option of the Bank, in whole on any interest payment date. The Bank is not obliged to make a payment of interest on its capital notes if, in the preceding six months, a dividend has not been declared or paid on any class of shares of Barclays PLC.

# Barclays Bank PLC data

Notes to the accounts

## n Minority interests

	2008 £m	2007 £m
<b>At beginning of year</b>	<b>1,949</b>	<b>1,685</b>
Share of profit after tax	403	377
Dividend and other payments	(134)	(131)
Equity issued by subsidiaries	4	137
Available for sale reserve: net (loss)/gain from changes in fair value	(1)	1
Cash flow hedges: net gain/(loss) from changes in fair value	76	(16)
Currency translation differences	59	16
Additions	–	27
Disposals	(11)	(111)
Other	27	(36)
<b>At end of year</b>	<b>2,372</b>	<b>1,949</b>

## o Dividends

	2008 £m	2007 £m
<b>On ordinary shares</b>		
Final dividend	1,030	791
Interim dividends	130	2,496
<b>Dividends</b>	<b>1,160</b>	<b>3,287</b>

These dividends are paid to enable Barclays PLC to fund its dividends to its shareholders and in 2007, to fund the repurchase by Barclays PLC of ordinary share capital.

Dividends paid on preference shares amounted to £390m (2007: £193m). Dividends paid on other equity instruments as detailed in Note m amounted to £112m (2007: £152m).

## p Financial risks

The only significant financial instruments that are held by Barclays Bank PLC and not Barclays PLC are investments in Barclays PLC ordinary shares, dealt with as trading portfolio equity assets, debt securities and available for sale financial investments as appropriate.

There consequently are no significant differences in exposures to market risk, credit risk, liquidity risk and the fair value of financial instruments between Barclays PLC and Barclays Bank PLC, and no differences in the manner in which these financial risks are managed. Therefore the disclosures regarding financial risks appearing in Notes 46 to 49 are in all material respects the same for Barclays Bank PLC and Barclays PLC.

## q Capital

The Barclays Bank PLC Group's policies and objectives for managing capital are the same as those for the Barclays PLC Group, disclosed in Note 52.

The table below provides details of the Barclays Bank PLC Group at 31st December 2008 and 2007.

	2008 Basel II £m	2007 Basel I £m
<b>Total qualifying Tier 1 capital</b>	<b>37,101</b>	<b>26,534</b>
<b>Total qualifying Tier 2 capital</b>	<b>22,356</b>	<b>17,123</b>
<b>Total deductions</b>	<b>(964)</b>	<b>(1,889)</b>
<b>Total net capital resources</b>	<b>58,493</b>	<b>41,768</b>

## r Segmental reporting

Segmental reporting by Barclays Bank PLC is the same as that presented in Note 53 to the Barclays PLC financial statements, except for:

- the difference in profit before tax of £42m (2007: £31m) between Barclays PLC and Barclays Bank PLC is included in Head office functions and other operations.
- the difference in total assets of £49m (2007: £222m) is represented by holdings of Barclays PLC shares held by the businesses.

## Barclays Bank PLC data

### Financial Data

	IFRS				
	2008 %	2007 %	2006 %	2005 %	2004 <sup>a</sup> %
<b>Selected financial statistics</b>					
Attributable profit as a percentage of:					
– average total assets	0.3	0.4	0.4	0.4	0.5
– average shareholders' equity	13.8	16.3	20.2	17.4	21.3
Average shareholders' equity as a percentage of average total assets	2.0	2.2	2.2	2.2	2.4
<b>Selected income statement data</b>					
	£m	£m	£m	£m	£m
Interest income	28,010	25,308	21,805	17,232	13,880
Interest expense	(16,595)	(15,707)	(12,662)	(9,157)	(7,047)
Non-interest income	11,891	13,922	13,088	9,934	8,543
Operating expenses	(14,362)	(13,199)	(12,674)	(10,527)	(8,536)
Impairment charges	(5,419)	(2,795)	(2,154)	(1,571)	(1,093)
Share of post-tax results of associates and joint ventures	14	42	46	45	56
Profit on disposal of subsidiaries, associates and joint ventures	327	28	323	–	45
Gains on acquisitions	2,406	–	–	–	–
Profit before tax	6,035	7,107	7,197	5,311	4,589
Attributable profit	4,846	4,749	4,914	3,695	3,263
<b>Selected balance sheet data</b>					
	£m	£m	£m	£m	£m
Total shareholders' equity	43,574	31,821	27,106	24,243	16,849
Subordinated liabilities	29,842	18,150	13,786	12,463	12,277
Deposits from banks, customer accounts and debt securities in issue	603,869	506,623	447,453	417,139	412,358
Loans and advances to banks and customers	509,522	385,518	313,226	300,001	343,041
Total assets	2,053,029	1,227,583	996,503	924,170	538,300

#### Note

a Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.

# Barclays Bank PLC data

Financial Data

Ratio of earnings to fixed charges – Barclays Bank PLC

	2008	2007	2006	2005	2004 <sup>a</sup>
	(in £m except for ratios)				
<b>Ratio of earnings to fixed charges</b>					
<b>IFRS/UK GAAP:</b>					
<b>Fixed charges</b>					
Interest expense	38,235	37,903	30,385	20,965	14,464
Rental expense	240	161	137	126	93
<b>Total fixed charges</b>	<b>38,475</b>	38,064	30,522	21,091	14,557
<b>Earnings</b>					
Income before taxes and minority interests	6,035	7,107	7,197	5,311	4,589
Less: Unremitted pre-tax income of associated companies and joint ventures	(19)	(45)	(41)	(28)	(51)
<b>Fixed charges</b>	<b>6,016</b>	7,062	7,156	5,283	4,538
<b>38,475</b>	38,064	30,522	21,091	14,557	
<b>Total earnings including fixed charges</b>	<b>44,491</b>	45,126	37,678	26,374	19,095
<b>Ratio of earnings to fixed charges</b>	<b>1.16</b>	1.19	1.23	1.25	1.31

Ratio of earnings to fixed charges and preference shares – Barclays Bank PLC

	2008	2007	2006	2005	2004 <sup>a</sup>
	(in £m except for ratios)				
<b>Combined fixed charges, preference share dividends and similar appropriations</b>					
<b>IFRS/UK GAAP:</b>					
<b>Fixed charges</b>					
Interest expense	38,235	37,903	30,385	20,965	14,464
Rental expense	240	161	137	126	93
<b>Fixed charges</b>	<b>38,475</b>	38,064	30,522	21,091	14,557
Preference share dividends and similar appropriations	583	345	395	304	3
<b>Total fixed charges</b>	<b>39,058</b>	38,409	30,917	21,395	14,560
<b>Earnings</b>					
Income before taxes and minority interests	6,035	7,107	7,197	5,311	4,589
Less: Unremitted pre-tax income of associated companies and joint ventures	(19)	(45)	(41)	(28)	(51)
<b>Fixed charges</b>	<b>6,016</b>	7,062	7,156	5,283	4,538
<b>39,058</b>	38,409	30,917	21,091	14,557	
<b>Total earnings including fixed charges</b>	<b>45,074</b>	45,471	38,073	26,374	19,095
<b>Ratio of earnings to combined fixed charges, preference share dividends and similar appropriations</b>	<b>1.15</b>	1.18	1.23	1.23	1.31

## Note

<sup>a</sup> Does not reflect the application of IAS 32, IAS 39 and IFRS 4 which became effective from 1st January 2005.





# Shareholder information

## Dividends on the ordinary shares of Barclays PLC

Barclays PLC has paid dividends on its ordinary shares every year without interruption since its incorporation in 1896.

As announced on 13th October 2008, in the light of the new capital ratios agreed with the FSA and in recognition of the need to maximise capital resources in the current economic climate, the Board has concluded that it would not be appropriate to pay a final dividend for 2008. The Board intends to resume dividend payments in the second half of 2009, at which time it is intended to pay dividends quarterly.

The dividends declared for each of the last five years were:

### Pence per 25p ordinary share

	2008	2007	2006	2005	2004
Interim	11.50	11.50	10.50	9.20	8.25
Final	–	22.50	20.50	17.40	15.75
<b>Total</b>	<b>11.50</b>	<b>34.00</b>	<b>31.00</b>	<b>26.60</b>	<b>24.00</b>

### US Dollars per 25p ordinary share

	2008	2007	2006	2005	2004
Interim	0.20	0.23	0.20	0.16	0.15
Final	–	0.45	0.41	0.31	0.30
<b>Total</b>	<b>0.20</b>	<b>0.68</b>	<b>0.61</b>	<b>0.47</b>	<b>0.45</b>

The gross dividends applicable to an American Depositary Share (ADS) representing four ordinary shares, before deduction of withholding tax, are as follows:

### US Dollars per American Depositary Share

	2008	2007	2006	2005	2004
Interim	0.82	0.93	0.80	0.65	0.60
Final	–	1.78	1.64	1.24	1.20
<b>Total</b>	<b>0.82</b>	<b>2.71</b>	<b>2.44</b>	<b>1.89</b>	<b>1.80</b>

Dividends expressed in Dollars are translated at the Noon Buying Rates in New York City for cable transfers in Pounds Sterling as certified for customs purposes by the Federal Reserve Bank of New York (the 'Noon Buying Rate') for the days on which dividends are paid. No representation is made that Pounds Sterling amounts have been, or could have been, or could be, converted into Dollars at these rates.

## Trading market for ordinary shares of Barclays PLC

The nominal capital of Barclays PLC is divided into 13,996,000,000 ordinary shares of 25p each (ordinary shares) 0.4 million Sterling preference shares of £100 each, 0.4 million US Dollar preference shares of \$100 each, 150 million US Dollar preference shares of \$0.25 each, 0.4 million Euro preference shares of €100 each, 0.4 million Yen preference shares of ¥10,000 each and 1 million staff shares of £1 each. At the close of business on 31st December 2008, 8,371,830,617 ordinary shares were outstanding.

The principal trading market for Barclays PLC ordinary shares is the London Stock Exchange. Ordinary share listings were also obtained on the Tokyo Stock Exchange with effect from 1st August 1986 and the New York Stock Exchange (NYSE) with effect from 9th September 1986. During the year, the Company de-listed from the Tokyo Stock Exchange with effect from 28th June 2008.

Trading on the NYSE is in the form of ADSs under the symbol 'BCS'. Each ADS represents four ordinary shares and is evidenced by an American Depositary Receipt (ADR). The ADR depository is J P Morgan Chase Bank, N.A. Details of trading activity are published in the stock tables of leading daily newspapers in the US.

There were 926 ADR holders and 1,528 recorded holders of ordinary shares with US addresses at 31st December 2008, whose shareholdings represented approximately 4.22% of total outstanding ordinary shares on that date. Since certain of the ordinary shares and ADRs were held by brokers or other nominees, the number of recorded holders in the US may not be representative of the number of beneficial holders or of their country of residence.

The following table shows the high and low sales price for the ordinary shares during the periods indicated, based on mid-market prices at close of business on the London Stock Exchange and the high and low sale price for ADSs as reported on the NYSE composite tape.

	25p ordinary shares		American Depository Shares	
	High p	Low p	High US\$	Low US\$
<b>2009</b>				
By month:				
January	184.6	51.2	10.97	3.07
February	116.2	92.3	6.99	5.32
<b>2008</b>				
By month:				
July	356.5	260.5	28.2	20.76
August	379.5	311.0	29.52	23.62
September	389.0	301.0	32.5	21.48
October	368.0	178.9	25.9	10.73
November	195.9	127.7	12.68	7.37
December	162.0	138.2	9.81	8.45
By quarter:				
First quarter	506.42	382.25	41.39	32.27
Second quarter	490.83	291.5	39.89	23.15
Third quarter	389.0	260.5	32.5	20.76
Fourth quarter	368.0	127.7	25.9	7.37
<b>2007</b>				
First quarter	790.0	673.5	62.46	53.35
Second quarter	756.0	696.0	60.37	55.79
Third quarter	738.5	580.0	60.35	46.61
Fourth quarter	665.5	474.5	54.48	39.86
2008	506.42	127.7	41.39	7.37
2007	790.0	474.5	62.46	39.86
2006	737.0	586.0	61.52	41.80
2005	615.0	520.0	47.0	37.16
2004	586.0	443.0	45.99	32.78
2003	527.0	311.0	36.57	20.30

This section incorporates information on the prices at which securities of Barclays PLC have traded. It is emphasised that past performance cannot be relied upon as a guide to future performance.

#### Shareholdings at 31st December 2008<sup>a</sup>

	Number of shareholders	Percentage of holders	Shares held (millions)	Percentage of capital
<b>Classification of shareholders</b>				
Personal holders	732,093	97.10	750.24	8.97
Banks and nominees	20,516	2.72	6,522.72	77.90
Other companies	1,758	0.18	1,098.84	13.13
Insurance companies	13	0.00	0.00	0.00
Pensions funds	23	0.00	0.00	0.00
<b>Totals</b>	<b>754,403</b>	<b>100</b>	<b>8,371.8</b>	<b>100</b>
<b>Shareholding range</b>				
1-100	30,074	4.02	1.27	0.02
101-250	232,523	30.8	48.9	0.58
251-500	240,892	31.9	82.3	0.98
501-1,000	117,044	15.5	82.2	0.98
1,001-5,000	102,416	13.6	210.1	2.51
5,001-10,000	16,943	2.25	119.71	1.43
10,001-25,000	10,083	1.34	152.72	1.82
25,001-50,000	2,318	0.31	79.4	0.96
50,001 and over	2,110	0.28	7,595.2	90.72
<b>Totals</b>	<b>754,403</b>	<b>100</b>	<b>8,371.8</b>	<b>100</b>
<b>United States holdings</b>	<b>1,528</b>	<b>0.2</b>	<b>3.23</b>	<b>0.04</b>

#### Note

a These figures include Barclays Sharestore members.

## SEC FORM 20-F Other Information

### Currency of presentation

In this report, unless otherwise specified, all amounts are expressed in Pounds Sterling. For the months of September through December 2008, the high and low noon buying rates in New York City for cable transfers in Pounds Sterling, as certified for customs purposes by the Federal Reserve Bank of New York (noon buying rate), were as set out in the table below.

Effective January 1, 2009, the Federal Reserve Bank of New York discontinued the publication of noon buying rates. For January and February 2009, the closing spot rates for Pounds Sterling as determined by Bloomberg at 5:00 p.m. (New York time) (the "Closing Spot Rate"), expressed in US Dollars per Pound Sterling were as set out in the table below.

	(US Dollars per Pound Sterling)					September
	February	January	December	November	October	
		<b>2009</b>			<b>2008</b>	
High	1.49	1.52	1.55	1.62	1.78	1.86
Low	1.42	1.38	1.44	1.48	1.55	1.75

For the years indicated, the averages of the noon buying rates on the last day of each month were:

Average	(US Dollars per Pound Sterling)				
	2008	2007	2006	2005	2004
	1.84	2.0	1.86	1.81	1.64

On March 20, 2009, the Closing Spot Rate in Pound Sterling was \$1.45.

No representation is made that Pounds Sterling amounts have been, or could have been, or could be, converted into US Dollars at any of the above rates. For the purpose of presenting financial information in this report, exchange rates other than those shown above may have been used.

# Shareholder information

## Memorandum and Articles of Association

The Company was incorporated in England on 20th July 1896 under the Companies Acts 1862 to 1890 as a company limited by shares and was reregistered in 1982 as a public limited company under the Companies Acts 1948 to 1980. The Company is registered under company number 48839. The Company was reregistered as Barclays PLC on 1st January 1985.

The objects of the Company are set out in full in clause 4 of its Memorandum of Association which provides, among other things, that the Company's objects are to carry on business as an investment and holding company and the business of banking in all its aspects.

## Directors

(i) The minimum number of Directors (excluding alternate Directors) is five. There is no maximum limit. There is no age limit for Directors.

(ii) Excluding executive remuneration and any other entitlement to remuneration for extra services (including service on board committees) under the Articles, a Director is entitled to a fee at a rate determined by the Board but the aggregate fees paid to all Directors shall not exceed £1,000,000 per annum or such higher amount as may be approved by an ordinary resolution of the Company. Each Director is entitled to reimbursement for all travelling, hotel and other expenses properly incurred by him/her in or about the performance of his/her duties.

(iii) No Director may act (either himself/herself or through his/her firm) as an auditor of the Company. A Director may hold any other office of the Company on such terms as the Board shall determine.

(iv) At each annual general meeting ('AGM') of the Company, one third of the Directors (rounded down) are required to retire from office by rotation and may offer themselves for re-election. The Directors so retiring are those who have been longest in office (and in the case of equality of service length are selected by lot). Other than a retiring Director, no person shall (unless recommended by the Board) be eligible for election unless a member notifies the Company Secretary in advance of his/her intention to propose a person for election.

(v) The Board has the power to appoint additional Directors or to fill a casual vacancy amongst the Directors. Any Director so appointed holds office until the next AGM, when he/she may offer himself/herself for re-election. He/she is not taken into account in determining the number of Directors retiring by rotation.

(vi) The Board may appoint any Director to any executive position or employment in the Company on such terms as they determine.

(vii) A Director may appoint either another Director or some other person approved by the Board to act as his/her alternate with power to attend Board meetings and generally to exercise the functions of the appointing Director in his/her absence (other than the power to appoint an alternate).

(viii) From 1st October 2008, the Board may authorise any matter in relation to which a Director has, or can have, a direct interest that conflicts, or possibly may conflict with, the Company's interests. Only Directors who have no interest in the matter being considered will be able to authorise the relevant matter and they may impose limits or conditions when giving authorisation if they think this is appropriate.

(ix) A Director may hold positions with or be interested in other companies and, subject to legislation applicable to the Company and the FSA's requirements, may contract with the Company or any other company in which the Company is interested. A Director may not vote or count towards the quorum on any resolution concerning any proposal in which he/she (or any person connected with him/her) has a material interest (other than by virtue of his/her interest in securities of the Company) or if he/she has a duty which conflicts or may conflict with the interests of the Company, unless the resolution relates to any proposal:

- (a) to indemnify a Director or provide him/her with a guarantee or security in respect of money lent by him/her to, or any obligation incurred by him/her or any other person for the benefit of (or at the request of), the Company (or any other member of the Group);
- (b) to indemnify or give security or a guarantee to a third party in respect of a debt or obligation of the Company (or any other member of the Group) for which the Director has personally assumed responsibility;
- (c) to obtain insurance for the benefit of Directors;
- (d) involving the acquisition by a Director of any securities of the

(e) that the Director underwrite any issue of securities of the Company (or any of its subsidiaries);

(f) concerning any other company in which the Director is interested as an officer or creditor or shareholder but, broadly, only if he/she (together with his/her connected persons) is directly or indirectly interested in less than 1% of either any class of the issued equity share capital or of the voting rights of that company; and

(g) concerning any other arrangement for the benefit of employees of the Company (or any other member of the Group) under which the Director benefits or stands to benefit in a similar manner to the employees concerned and which does not give the Director any advantage which the employees to whom the arrangement relates would not receive.

(x) A Director may not vote or be counted in the quorum on any resolution which concerns his/her own employment or appointment to any office of the Company or any other company in which the Company is interested.

(xi) Subject to applicable legislation, the provisions described in subparagraphs (ix) and (x) may be relaxed or suspended by an ordinary resolution of the members of the Company or any applicable governmental or other regulatory body.

(xii) A Director is required to hold an interest in ordinary shares having a nominal value of at least £500, which currently equates to 2,000 Ordinary Shares unless restricted from acquiring or holding such interest by any applicable law or regulation or any applicable governmental or other regulatory body. A Director may act before acquiring those shares but must acquire the qualification shares within two months from his/her appointment. Where a Director is unable to acquire the requisite number of shares within that time owing to law, regulation or requirement of any governmental or other relevant authority, he/she must acquire the shares as soon as reasonably practicable once the restriction(s) end.

(xiii) The Board may exercise all of the powers of the Company to borrow money, to mortgage or charge its undertaking, property and uncalled capital and to issue debentures and other securities.

## Classes of share

The Company only has Ordinary Shares in issue. However, the Company has authorised but unissued preference shares of £100, \$100, \$0.25, €100 and ¥10,000 each (together, the 'Preference Shares') which may (pursuant to a resolution passed by the shareholders of the Company at the AGM) be issued by the Board from time to time in one or more series with such rights and subject to such restrictions and limitations as the Board may determine. The Company also has authorised but unissued staff shares of £1 each. The Articles of Association contain provisions to the following effect:

### (i) Dividends

Subject to the provisions of the Articles and applicable legislation, the Company in General Meeting may declare dividends on the Ordinary Shares by ordinary resolution, but such dividend may not exceed the amount recommended by the Board. The Board may also pay interim or final dividends if it appears they are justified by the Company's financial position.

Each Preference Share confers the right to a non-cumulative preferential dividend ('Preference Dividend') payable in such currency at such rates (whether fixed or calculated by reference to or in accordance with a specified procedure or mechanism), on such dates and on such other terms as may be determined by the Board prior to allotment thereof.

The Preference Shares rank in regard to payment of dividend in priority to the holders of Ordinary Shares and any other class of shares in the Company ranking junior to the Preference Shares.

Dividends may be paid on the Preference Shares if, in the opinion of the Board, the Company has sufficient distributable profits, after payment in full or the setting aside of a sum to provide for all dividends payable on (or in the case of shares carrying a cumulative right to dividends, before) the relevant dividend payment date on any class of shares in the Company ranking *pari passu* with or in priority to the relevant series of Preference Shares as regards participation in the profits of the Company.

If the Board considers that the distributable profits of the Company available for distribution are insufficient to cover the payment in full of Preference Dividends, Preference Dividends shall be paid to the extent of

Company pursuant to an offer to existing holders of securities or to the public;

the distributable profits on a *pro rata* basis.

Notwithstanding the above, the Board may, at its absolute discretion, determine that any Preference Dividend which would otherwise be payable may either not be payable at all or only payable in part.

If any Preference Dividend on a series of Preference Shares is not paid, or is only paid in part, for the reasons described above, holders of Preference Shares will not have a claim in respect of such nonpayment.

If any dividend on a series of Preference Shares is not paid in full on the relevant dividend payment date, a dividend restriction shall apply. The dividend restriction means that, subject to certain exceptions, neither the Company nor Barclays Bank may (a) pay a dividend on, or (b) redeem, purchase, reduce or otherwise acquire, any of their respective ordinary shares, other preference shares or other share capital ranking equal or junior to the relevant series of Preference Shares until the earlier of such time as the Company next pays in full a dividend on the relevant series of Preference Shares or the date on which all of the relevant series of Preference Shares are redeemed.

All unclaimed dividends payable in respect of any share may be invested or otherwise made use of by the Board for the benefit of the Company until claimed. If a dividend is not claimed after 12 years of it becoming payable, it is forfeited and reverts to the Company.

The Board may (although it currently does not), with the approval of an ordinary resolution of the Company, offer shareholders the right to choose to receive an allotment of additional fully paid Ordinary Shares instead of cash in respect of all or part of any dividend.

#### (ii) Voting

Every member who is present in person or by proxy, or represented at any general meeting of the Company and who is entitled to vote has one vote on a show of hands. On a poll, every member who is present or represented has one vote for every share held. Any joint holder may vote in respect of jointly owned shares, but the vote of the senior holder (as determined by order in the share register) shall take precedence. If any sum payable remains unpaid in relation to a member's shareholding, that member is not entitled to vote that share or exercise any other right in relation to a meeting of the Company unless the Board otherwise determine.

If any member, or any other person appearing to be interested in any of the Company's Ordinary Shares, is served with a notice under Section 793 of the Companies Act 2006 and does not supply the Company with the information required in the notice, then the Board, in its absolute discretion, may direct that that member shall not be entitled to attend or vote at any meeting of the Company.

The Board may further direct that if the shares of the defaulting member represent 0.25% or more of the issued shares of the relevant class, that dividends or other monies payable on those shares shall be retained by the Company until the direction ceases to have effect and that no transfer of those shares shall be registered (other than certain specified 'approved transfers'). A direction ceases to have effect seven days after the Company has received the information requested, or when the Company is notified that an 'approved transfer' to a third party has occurred, or as the Board otherwise determines.

#### (iii) Transfers

Ordinary Shares may be held in either certificated or uncertificated form. Certificated Ordinary Shares shall be transferred in writing in any usual or other form approved by the Board and executed by or on behalf of the transferor. Transfers of uncertificated Ordinary Shares shall be made in accordance with the applicable regulations. The Board may make any arrangements to regulate and evidence the transfer of Ordinary Shares as they consider fit in accordance with applicable legislation and the rules of the FSA.

Registration of Ordinary Shares may be suspended, subject to applicable legislation, for such periods as the Board may determine (but for not more than 30 days in any calendar year).

The Board is not bound to register a transfer of partly paid Ordinary Shares, or fully paid shares in exceptional circumstances approved by the FSA. The Board may also decline to register an instrument of transfer of certificated Ordinary Shares unless it is duly stamped and deposited at the prescribed place and accompanied by the share certificate(s) and such other evidence as reasonably required by the Board to evidence right to transfer, it is in respect of one class of shares only, and it is in favour of not more than four transferees (except in the case of executors or trustees of a

Preference Shares may be represented by share warrants to bearer or be in registered form.

Preference Shares represented by share warrants to bearer are transferred by delivery of the relevant warrant. Preference Shares in registered form shall be transferred in writing in any usual or other form approved by the Board and executed by or on behalf of the transferor. The Company's registrar shall register such transfers of Preference Shares in registered form by making the appropriate entries in the register of Preference Shares.

#### (iv) Return of Capital and Liquidation

In the event of any return of capital by reduction of capital or on liquidation, the holders of Ordinary Shares are entitled to receive such capital in proportion to the amounts paid up or credited as paid up on the shares of each class.

Each Preference Share shall confer, in the event of a winding up or any return of capital by reduction of capital (other than, unless otherwise provided by their terms of issue, a redemption or purchase by the Company of any of its issued shares, or a reduction of share capital), the right to receive out of the surplus assets of the Company available for distribution amongst the members and in priority to the holders of the Ordinary Shares and any other shares in the Company ranking junior to the relevant series of Preference Shares and *pari passu* with any other class of Preference Shares, repayment of the amount paid up or treated as paid up in respect of the nominal value of the Preference Share together with any premium which was paid or treated as paid when the Preference Share was issued in addition to an amount equal to accrued and unpaid dividends.

#### (v) Redemption and Purchase

Subject to applicable legislation and the rights of the other shareholders, any share may be issued on terms that it is, at the option of the Company or the holder of such share, redeemable. While the Company currently has no redeemable shares in issue, any series of Preference Shares issued in the future will be redeemable, in whole or in part, at the option of the Company on a date not less than five years after the date on which such series of Preference Shares was first issued. The Company may purchase its own shares subject to the provisions of applicable legislation, the Articles and the approval of any class of convertible shares in issue (by special resolution or written consent of 75% of such class).

#### (vi) Calls on capital

The Directors may make calls upon the members in respect of any monies unpaid on their shares. A person upon whom a call is made remains liable even if the shares in respect of which the call is made have been transferred. Interest will be chargeable on any unpaid amount called at a rate determined by the Board (of not more than 20%).

If a member fails to pay any call in full (following notice from the Board that such failure will result in forfeiture of the relevant shares), such shares (including any dividends declared but not paid) may be forfeited by a resolution of the Board, and will become the property of the Company. Forfeiture shall not absolve a previous member for amounts payable by him/her (which may continue to accrue interest).

The Company also has a lien over all partly paid shares of the Company for all monies payable or called on that share and over the debts and liabilities of a member to the Company. If any monies which are the subject of the lien remain unpaid after a notice from the Board demanding payment, the Company may sell such shares.

#### (vii) Variation of Rights

The rights attached to any class of shares may be varied with the sanction of a special resolution passed at a separate meeting of the holders of the shares of that class.

The rights of shares shall not (unless expressly provided by the rights attached to such shares) be deemed varied by the creation of further shares ranking equally with them.

#### Annual and other general meetings

The Company is required to hold an annual general meeting in addition to such other general meetings as the Directors think fit. The type of the meeting will be specified in the notice calling it. Under the Companies Act 2006, the AGM must be held within six months of the financial year end. A general meeting may be convened by the Board on requisition in



member).

accordance with the applicable legislation.

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**Barclays**  
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## Shareholder information

In the case of an AGM, 21 clear days' notice is required. In other cases 14 clear days' notice is required. The notice must be in writing and must specify the place, the day and the hour of the meeting, and the general nature of the business to be transacted. A notice convening a meeting to pass a special resolution shall specify the intention to propose the resolution as such. The accidental failure to give notice of a general meeting or the non-receipt of such notice will not invalidate the proceedings at such meeting.

Subject as noted above, all shareholders are entitled to attend and vote at general meetings. The Articles do, however, provide that arrangements may be made for simultaneous attendance at a general meeting at a place other than that specified in the notice of meeting, in which case shareholders may be excluded from the specified place.

Holders of Preference Shares have no right to receive notice of, attend or vote at, any general meetings of the Company as a result of holding Preference Shares.

### Limitations on foreign shareholders

There are no restrictions imposed by the Company's Memorandum or Articles of Association or (subject to the effect of any economic sanctions that may be in force from time to time) by current UK laws which relate only to non-residents of the UK and which limit the rights of such non-residents to hold or (when entitled to do so) vote the Company's Ordinary Shares.

### Notices

A document or information may be sent by the Company in hard copy form, electronic form, by being made available on a website, or by another means agreed with the recipient. A document or information may only be sent in electronic form to a person who has agreed to receive it in that form or, in the case of a company, who has been deemed to have so agreed pursuant to applicable legislation. A document or information may only be sent by being made available on a website if the recipient has agreed to receive it in that form or has been deemed to have so agreed pursuant to applicable legislation, and has not revoked that agreement.

In respect of joint holdings, documents or information shall be sent to the joint holder whose name stands first in the register.

A member who (having no registered address within the UK) has not supplied an address in the UK at which documents or information may be sent is not entitled to have documents or information sent to him/her.

### Alteration of share capital

The Company may, by way of ordinary resolution:

- increase its share capital by a sum to be divided into shares of an amount prescribed by the resolution;
- consolidate and divide all or any of its share capital into shares of a larger nominal amount;
- subject to legislation, sub-divide all or part of its shares into shares of a smaller nominal amount and may decide by that resolution that the resulting shares have preference or other advantage or restrictions; and
- cancel any shares which, at the date of the resolution, have not been subscribed or agreed to have been subscribed for and diminish the amount of its share capital by the amount of the shares so cancelled.

The Company may also, by special resolution, reduce its share capital or capital redemption reserve or any share premium account or other undistributable reserve in any manner authorised by legislation.

The Company may, by ordinary resolution, upon the recommendation of the Board capitalise all or any part of an amount standing to the credit of a reserve or fund to be set free for distribution provided that amounts from the share premium account, capital redemption reserve or any profits not available for distribution should be applied only in paying up unissued shares issued to members and no unrealised profits shall be applied in paying up debentures of the Company or any amount unpaid on any share in the capital of the Company.

### Indemnity

Subject to applicable legislation, every current and former Director or other officer of the Company (other than any person engaged by the company as auditor) shall be indemnified by the Company against any liability in relation to the Company, other than (broadly) any liability to the Company or a member of the Group, or any criminal or regulatory fine.

### Officers of the Group

Peter Estlin	Group Financial Controller	Appointed 2008
Lawrence Dickinson	Company Secretary	Appointed 2002
Patrick Gonsalves	Joint Secretary, Barclays Bank PLC	Appointed 2002
Mark Harding	Group General Counsel	Appointed 2003
Robert Le Blanc	Group Risk Director	Appointed 2004

### Taxation

The following is a summary of the principal tax consequences for holders of Ordinary Shares of Barclays PLC, Preference Shares of the Bank, or ADSs representing such Ordinary Shares or Preference Shares, and who are citizens or residents of the UK or US, or otherwise who are subject to UK tax or US federal income tax on a net income basis in respect of such securities, that own the shares or ADSs as capital assets for tax purposes. It is not, however, a comprehensive analysis of all the potential tax consequences for such holders, and it does not discuss the tax consequences of members of special classes of holders subject to special rules or holders that, directly or indirectly, hold 10% or more of Barclays voting stock. Investors are advised to consult their tax advisers regarding the tax implications of their particular holdings, including the consequences under applicable state and local law, and in particular whether they are eligible for the benefits of the Treaty, as defined below.

A US holder is a beneficial owner of shares or ADSs that is, for US federal income tax purposes, (i) a citizen or resident of the US, (ii) a US domestic corporation, (iii) an estate whose income is subject to US federal income tax regardless of its source, or (iv) a trust if a US court can exercise primary supervision over the trust's administration and one or more US persons are authorised to control all substantial decisions of the trust.

Unless otherwise noted, the statements of tax laws set out below are based on the tax laws of the UK in force as at 27th February 2009 and are subject to any subsequent changes in UK law, in particular any announcements made in the Chancellor's expected UK Budget in April 2009.

This section is also based on the Internal Revenue Code of 1986, as amended, its legislative history, existing and proposed regulations, published rulings and court decisions (the Code), and on the Double Taxation Convention between the UK and the US as entered into force in March 2003 (the Treaty), all of which are subject to change, possibly on a retroactive basis.

This section is based in part upon the representations of the ADR Depositary and the assumption that each obligation of the Deposit

Agreement and any related agreement will be performed in accordance with its terms.

For purposes of the Treaty, the Estate and Gift Tax Convention between the United Kingdom and the United States, and the Code, the holders of ADRs evidencing ADSs will be treated as owners of the underlying ordinary shares or preference shares, as the case may be. Generally, exchanges of shares for ADRs and ADRs for shares will not be subject to US federal income tax or to UK capital gains tax.

#### Taxation of UK holders

##### Taxation of dividends

In accordance with UK law, Barclays PLC and the Bank pay dividends on ordinary shares and preference shares without any deduction or withholding tax in respect of any taxes imposed by the UK government or any UK taxing authority.

If the shareholder is a UK resident individual liable to income tax only at the basic rate, then there will be no further tax liability in respect of the dividend received. If, however, the individual shareholder is subject to income tax at the higher rate (currently 40%), there will be a further liability to tax. Higher rate taxpayers are taxable on dividend income at a special rate (currently 32.5%) against which can be offset a tax credit of one-ninth of the cash dividend received. Tax credits are not repayable to shareholders with no tax liability.

##### Taxation of shares under the Dividend Reinvestment Plan

Where a shareholder elects to purchase shares using their cash dividend, the individual will be liable for income tax on dividends reinvested in the Plan on the same basis as if they had received the cash and arranged the investment themselves. They should accordingly include the dividend received in their annual tax return in the normal way. The tax consequences for a UK individual are the same as described in 'Taxation of dividends' above.

##### Taxation of capital gains

Where shares are disposed of by open market sale, a capital gain may result if the disposal proceeds exceed the sum of the base cost of the shares sold and any other allowable deductions such as share dealing costs and indexation relief (up to 5th April 1998). To arrive at the total base cost of any Barclays PLC shares held, the amount subscribed for rights taken up in 1985 and 1988 must be added to the cost of all other shares held. For this purpose, current legislation permits the market valuation at 31st March 1982 to be substituted for the original cost of shares purchased before that date.

The calculations required to compute chargeable capital gains may be complex. Capital gains may also arise from the gifting of shares to connected parties such as relatives (although not spouses or civil partners) and family trusts. Shareholders are advised to consult their personal financial adviser if further information regarding a possible tax liability in respect of their holdings of Barclays PLC shares is required.

##### Stamp duty

Stamp duty or stamp duty reserve tax at the rate of 0.5% is normally payable on the purchase price of shares acquired.

#### Inheritance tax

An individual may be liable to inheritance tax on the transfer of ordinary shares or preference shares. Where an individual is liable, inheritance tax may be charged on the amount by which the value of his or her estate is reduced as a result of any transfer by way of gift or other gratuitous transaction made by them or treated as made by them.

#### Taxation of US holders

##### Taxation of dividends

Subject to PFIC rules discussed below, a US holder is subject to US federal income taxation on the gross amount of any dividend paid by Barclays PLC or the Bank, as applicable, out of its current or accumulated earnings and profits (as determined for US federal income tax purposes). Dividends paid to a non-corporate US holder in taxable years beginning before 1st January 2011 that constitute qualified dividend income will be taxable to the holder at a maximum tax rate of 15%, provided that the holder has a holding period of the shares or ADSs of more than 60 days during the 121-day period beginning 60 days before the ex-dividend date (or, in the case of preference shares or ADSs relating thereto, if the dividend is attributable to a period or periods aggregating over 366 days, provided that the holder holds the shares or ADSs for more than 90 days during the 181-day period beginning 90 days before the ex-dividend date) and meets certain other holding period requirements. Dividends paid by Barclays PLC or the Bank, as applicable, with respect to the ordinary or preference shares or ADSs will generally be qualified dividend income.

A US holder will not be subject to UK withholding tax. The US holder will include in gross income for US federal income tax purposes the amount of the dividend actually received from Barclays PLC or the Bank. Dividends must be included in income when the US holder, in the case of shares, or the Depository, in the case of ADSs, actually or constructively receives the dividend, and will not be eligible for the dividends-received deduction generally allowed to US corporations in respect of dividends received from other US corporations. For foreign tax credit purposes, dividends will generally be income from sources outside the United States and will, depending on a US holder's circumstances, be either 'passive' or 'general' income for purposes of computing the foreign tax credit allowable to a US holder.

The amount of the dividend distribution includable in income will be the US Dollar value of the pound Sterling payments made, determined at the spot Pound Sterling/US Dollar rate on the date the dividend distribution is includable in income, regardless of whether the payment is in fact converted into US Dollars. Generally, any gain or loss resulting from currency exchange fluctuations during the period from the date the dividend payment is includable in income to the date the payment is converted into US Dollars will be treated as ordinary income or loss and, for foreign tax credit limitation purposes, from sources within the US and will not be eligible for the special tax rate applicable to qualified dividend income.

Distributions in excess of current or accumulated earnings and profits, as determined for US federal income tax purposes, will be treated as a return of capital to the extent of the US holder's basis in the shares or ADSs and thereafter as capital gain.

## Shareholder information

### Taxation of capital gains

Subject to PFIC rules discussed below, generally, US holders will not be subject to UK tax, but will be subject to US tax on capital gains realised on the sale or other disposition of ordinary shares, preference shares or ADSs. Capital gain of a noncorporate US holder that is recognised in taxable years beginning before 1st January 2011 is generally taxed at a maximum rate of 15% where the holder has a holding period of greater than one year. The gain or loss will generally be income or loss from sources within the United States for foreign tax credit limitation purposes.

### Taxation of premium on redemption or purchase of shares

No refund of tax will be available under the Treaty in respect of any premium paid on a redemption of preference shares by the Bank or on a purchase by Barclays PLC of its own shares. For US tax purposes, redemption premium generally will be treated as an additional amount realised in the calculation of gain or loss.

### Taxation of passive foreign investment companies (PFICs)

Barclays PLC and the Bank believe that their respective shares and ADSs should not be treated as stock of a PFIC for US federal income tax purposes, but this conclusion is a factual determination that is made annually and thus may be subject to change. If Barclays PLC or the Bank were to be treated as a PFIC, unless a US holder elects to be taxed annually on a mark-to-market basis with respect to the shares or ADSs, gain realised on the sale or other disposition of their shares or ADSs would in general not be treated as capital gain. Instead, for a US holder, such gain and certain 'excess distributions' would be treated as having been realised ratably over the holding period for the shares or ADSs and would be taxed at the highest tax rate in effect for each such year to which the gain was allocated, together with an interest charge in respect of the tax attributable to each such year. With certain exceptions, a US holder's shares or ADSs will be treated as stock in a PFIC if Barclays PLC or the Bank was a PFIC at any time during such holder's holding period in their shares or ADSs. Dividends that a US holder receives from Barclays PLC or the Bank will not be eligible for the special tax rates applicable to qualified dividend income if Barclays PLC or the Bank are treated as a PFIC with respect to such US holder either in the taxable year of the distribution or the preceding taxable year, but instead will be taxable at rates applicable to ordinary income.

### Stamp duty

No UK stamp duty is payable on the transfer of an ADS, provided that the separate instrument of transfer is not executed in, and remains at all times outside, the UK.

### Estate and gift tax

Under the Estate and Gift Tax Convention between the United Kingdom and the United States, a US holder generally is not subject to UK inheritance tax.

### Exchange controls and other limitations affecting security holders

Other than certain economic sanctions which may be in force from time to time, there are currently no UK laws, decrees or regulations which would affect the transfer of capital or remittance of dividends, interest and other payments to holders of Barclays securities who are not residents of the UK. There are also no restrictions under the Articles of Association of either Barclays PLC or the Bank, or (subject to the effect of any such economic sanctions) under current UK laws, which relate only to non-residents of the UK, and which limit the right of such non-residents to hold Barclays securities or, when entitled to vote, to do so.

### Documents on display

It is possible to read and copy documents that have been filed by Barclays PLC and Barclays Bank PLC with the US Securities and Exchange Commission at the US Securities and Exchange Commission's office of Investor Education and Assistance located at 100 F Street, NE, Washington DC 20549. Please call the US Securities and Exchange Commission at 1-800-SEC-0330 for further information on the public reference rooms and their copy charges. Filings with the US Securities and Exchange Commission are also available to the public from commercial document retrieval services, and from the website maintained by the US Securities and Exchange Commission at [www.sec.gov](http://www.sec.gov).

## Shareholder enquiries

Investors who have any questions about their investment in Barclays, or about Barclays in general, may write to the Director, Investor Relations at our head office as follows:

### **Director, Investor Relations**

Barclays PLC  
1 Churchill Place  
London  
E14 5HP

or, in the United States of America,

### **The Corporate Communications Department**

Barclays Bank PLC  
200 Park Avenue  
New York, NY 10166, USA

### **Registered and Head office:**

1 Churchill Place  
London  
E14 5HP  
Tel: +44 (0) 20 7116 1000

### **Registrar:**

The Registrar to Barclays  
Aspect House  
Spencer Road  
Lancing  
West Sussex  
BN99 6DA  
Tel: 0871 384 2055\*  
or +44 (0) 121 415 7004 (from overseas)  
Email: [questions@share-registers.co.uk](mailto:questions@share-registers.co.uk)

### **ADR Depositary:**

JPMorgan Chase Bank, N.A.  
PO Box 64504  
St. Paul  
MN 55164-0504  
USA  
Tel: 1-800-990-1135 (toll-free for US domestic callers)  
or +1 651 453 2128  
Email: [jpmorgan.adr@wellsfargo.com](mailto:jpmorgan.adr@wellsfargo.com)

\*Calls to this number are charged at 8p per minute if using a BT landline.  
Call charges may vary if using other telephone providers.

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## Glossary of terms

Term used in Annual Report	US equivalent or brief description
Accounts	Financial statements
Allotted	Issued
Attributable profit	Net income
Called up share capital	Ordinary shares, issued and fully paid
Capital allowances	Tax term equivalent to US tax depreciation allowances
Cash at bank and in hand	Cash
Class of business	Industry segment
Finance lease	Capital lease
Freehold	Ownership with absolute rights in perpetuity
Loans and advances	Lendings
Loan capital	Long-term debt
Net asset value	Book value
Profit	Income
Share capital	Ordinary shares, capital stock or common stock issued and fully paid
Share premium account	Additional paid-up capital or paid-in surplus (not distributable)
Shares in issue	Shares outstanding
Write-offs	Charge-offs

'Income' refers to total income net of insurance claims, unless otherwise specified.

'Profit before business disposals' represents profit before tax and disposal of subsidiaries, associates and joint ventures.

'Cost:income ratio' is defined as operating expenses compared to total income net of insurance claims.

'Risk Tendency' is a statistical estimate of the average loss for each loan portfolio for a 12-month period, taking into account the size of the portfolio and its risk characteristics under current economic conditions, and is used to track the change in risk as the portfolio of loans changes over time.

'Daily Value at Risk (DVaR)' is an estimate of the potential loss which might arise from unfavourable market movements, if the current positions were to be held unchanged for one business day, measured to a confidence level of 98%.

'Absa Group Limited' refers to the consolidated results of the South African group of which the parent company is listed on the Johannesburg Stock Exchange (JSE Limited) in which Barclays owns a controlling stake.

'Absa' refers to the results for Absa Group Limited as consolidated into the results of Barclays PLC; translated into Sterling with adjustments for amortisation of intangible assets, certain head office adjustments, transfer pricing and minority interests.

'Global Retail and Commercial Banking – Absa' is the portion of Absa's results that is reported by Barclays within the Global Retail and Commercial Banking business.

'Absa Capital' is the portion of Absa's results that is reported by Barclays within the Barclays Capital business.

**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 authorised the undersigned to sign this annual report on its behalf.

Date March 24, 2009

**Barclays PLC**  
(Registrant)

By /s/ Chris Lucas

**Chris Lucas, Group Finance Director**

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

Date March 24, 2009

**Barclays Bank PLC**  
(Registrant)

By /s/ Chris Lucas

**Chris Lucas, Group Finance Director**

## EXHIBIT INDEX

<u>EXHIBIT NUMBER</u>	<u>DESCRIPTION</u>
1.1	Memorandum and Articles of Association of Barclays PLC
1.2	Memorandum and Articles of Association of Barclays Bank PLC
2.1	Long term debt instruments
4.1	Rules of the Barclays Group Performance Share Plan (2005) (incorporated by reference to the 2006 Form 20-F filed on March 26 <sup>th</sup> , 2007)
4.2	Rules of the Barclays PLC Renewed 1986 Executive Share Option Scheme (incorporated by reference to the Barclays PLC Registration Statement on Form S-8 (File no. 333-153723) filed on September 29 <sup>th</sup> , 2008)
4.3	Rules of the Barclays PLC Approved Incentive Share Option Plan (incorporated by reference to the Barclays PLC Registration Statement on Form S-8 (File no. 333-153723) filed on September 29 <sup>th</sup> , 2008)
4.4	Rules of the Barclays PLC Unapproved Incentive Share Option Plans (incorporated by reference to the Barclays PLC Registration Statement on Form S-8 (File no. 333-153723) filed on September 29 <sup>th</sup> , 2008)
4.5	Rules of the Barclays PLC Executive Share Award Scheme (incorporated by reference to the Barclays PLC Registration Statement on Form S-8 (File no. 333-153723) filed on September 29 <sup>th</sup> , 2008)
4.6	Rules of the Barclays Group Special Award Performance Share Plan (incorporated by reference to the Barclays PLC Registration Statement on Form S-8 (File no. 333-153723) filed on September 29 <sup>th</sup> , 2008)
4.7	Rules of the Barclays Group Incentive Share Plan (incorporated by reference to the Barclays PLC Registration Statement on Form S-8 (File no. 333-153723) filed on September 29 <sup>th</sup> , 2008)
4.8	Rules of Barclays Bank PLC 1999 Directors Deferred Compensation Plan (amended and restated, effective January 1, 2008) (incorporated by reference to Barclays Bank PLC's Registration Statement on Form S-8 (File no. 333-149301) filed on February 19, 2008)

EXHIBIT NUMBER	DESCRIPTION
4.9	Rules of Barclays Bank PLC Senior Management Deferred Compensation Plan (amended and restated, effective January 1, 2008) (incorporated by reference to Barclays Bank PLC's Registration Statement on Form S-8 (File no. 333-149302) filed on February 19, 2008)
4.10	Service Contract – John Varley (incorporated by reference to the 2003 Form 20-F filed on March 26 <sup>th</sup> , 2004)
4.11	Service Contract and Subsequent Side Letter to Service Contract – Gary Hoffman (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.12	Service Contract – Robert E. Diamond Jr (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.13	Employment Contract and Assignment Agreement – Frederik Seegers (incorporated by reference to the 2006 Form 20-F filed on March 26 <sup>th</sup> , 2007)
4.14	Contract of Employment – Christopher Lucas (incorporated by reference to the 2006 Form 20-F filed on March 26 <sup>th</sup> , 2007)
4.15	Addendum to contract of employment between Barclays Bank plc and Gary Hoffman (incorporated by reference to the 2006 Form 20-F filed on March 26 <sup>th</sup> , 2007)
4.16	Addendum to contract of employment between Barclays Bank plc and John Varley (incorporated by reference to the 2006 Form 20-F filed on March 26 <sup>th</sup> , 2007)
4.17	Appointment Letter and Subsequent Amendment to appoint as Senior Independent Director – Sir Richard Broadbent (incorporated by reference to the 2004 Form 20-F filed on March 24 <sup>th</sup> , 2005)
4.18	Appointment Letter – Professor Dame Sandra Dawson (incorporated by reference to the 2004 Form 20-F filed on March 24 <sup>th</sup> , 2005)
4.19	Appointment Letter and Subsequent Amendment to appoint as Deputy Chairman – Sir Nigel Rudd (incorporated by reference to the 2004 Form 20-F filed on March 24 <sup>th</sup> , 2005)
4.20	Appointment Letter – Stephen Russell (incorporated by reference to the 2004 Form 20-F filed on March 24 <sup>th</sup> , 2005)
4.21	Appointment Letter – Leigh Clifford (incorporated by reference to the 2004 Form 20-F filed on March 24 <sup>th</sup> , 2005)
4.22	Appointment Letter – Sir Andrew Likierman (incorporated by reference to the 2004 Form 20-F filed on March 24 <sup>th</sup> , 2005)

<b>EXHIBIT NUMBER</b>	<b>DESCRIPTION</b>
4.23	Appointment Letter – Dr Daniël Cronjé (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.24	Appointment Letter – John Sunderland (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.25	Appointment Letter – Marcus Agius (incorporated by reference to the 2006 Form 20-F filed on March 26 <sup>th</sup> , 2007)
4.26	Appointment Letter – Fulvio Conti (incorporated by reference to the 2006 Form 20-F filed on March 26 <sup>th</sup> , 2007)
4.27	Appointment Letter – David Booth (incorporated by reference to the 2007 20-F filed on March 26 <sup>th</sup> , 2008)
4.28	Appointment Letter – Sir Michael Rake (incorporated by reference to the 2007 20-F filed on March 26 <sup>th</sup> , 2008)
4.29	Appointment Letter – Patience Wheatcroft (incorporated by reference to the 2007 20-F filed on March 26 <sup>th</sup> , 2008)
4.30	Appointment Letter – Simon Fraser
4.31	Indemnity Letter – John Varley (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.32	Indemnity Letter – Gary Hoffman (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.33	Indemnity Letter – Robert E. Diamond Jr (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.34	Indemnity Letter – Sir Richard Broadbent (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.35	Indemnity Letter – Professor Dame Sandra Dawson (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)

<b>EXHIBIT NUMBER</b>	<b>DESCRIPTION</b>
4.36	Indemnity Letter – Sir Nigel Rudd (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.37	Indemnity Letter – Stephen Russell (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.38	Indemnity Letter – Leigh Clifford (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.39	Indemnity Letter – Sir Andrew Likierman (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
4.40	Indemnity Letter – Dr Daniël Cronjé (incorporated by reference to the 2005 Form 20-F filed on March 29 <sup>th</sup> , 2006)
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7.2	Ratios of earnings under IFRS to combined fixed charges, preference share dividends and similar appropriations
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12.1	Certifications filed pursuant to 17 CFR 240. 13(a)-14(a)
13.1	Certifications filed pursuant to 17 CFR 240. 13(a) and 18 U.S.C 1350(a) and 1350(b)
15.1	Consent of PricewaterhouseCoopers LLP for incorporation by reference of reports in certain securities registration statements of Barclays PLC and Barclays Bank PLC.

Company Number: 48839

**THE COMPANIES ACTS 1985 AND 1989**

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**A PUBLIC COMPANY LIMITED BY SHARES**

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**MEMORANDUM OF ASSOCIATION**

**Of**

**BARCLAYS PLC**

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1. The name of the Company is “BARCLAYS PLC”.
2. The Company is to be a public company.
3. The registered office of the Company will be situated in England and Wales.
4. The objects\* for which the Company is established are:-
  - (A) To carry on business as an investment and holding company in all its aspects and in particular (but without prejudice to the generality of the foregoing):-
    - (i) to acquire (whether by purchase, subscription, exchange or otherwise), place and underwrite, take options over and hold securities issued or guaranteed by any company or companies in any part of the world, and to vary, transpose, dispose of or otherwise deal with or turn to account any of the Company’s investments for the time being;
    - (ii) to co-ordinate the administration, policies, management, supervision, control, research, planning, business operations and any and all other activities of any company or companies or group of companies any securities of which are held, directly or indirectly, by or on behalf of the Company or which is or are associated in any other manner with the Company, to enter into any arrangements with, or in relation to, any such company or group for sharing profits or losses, union of interests, joint venture, reciprocal concessions or co-operation, the provision of finance and subsidies or otherwise as may be thought expedient, to act as managers, controllers, administrators, advisers and consultants of or to any such company or group or all or any part of its business operations, and generally to perform any services or undertake any duties to or on behalf of or in any other manner assist any such company or group, in any such case with or without remuneration.

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\* Adopted by Special Resolution passed on 26th April 1971 in complete substitution for the previous objects clause. Amended by Special Resolution passed on 2nd November 1983.



- (B) To carry on the business of banking in all its aspects, including but not limited to the transaction of all financial, monetary and other business which now is or at any time during the existence of the Company may be usually or commonly carried on in any part of the world by banks, discount houses, merchant banks or financiers; and in particular (but without prejudice to the generality of the foregoing):-
- (i) to receive money on current account or on deposit on any terms, and to borrow, raise or take up money with or without security and to employ and use the same;
  - (ii) to deposit, lend or advance money, securities or property, with or without security, and generally to make or negotiate loans and advances of every kind;
  - (iii) to draw, make, accept, endorse, grant, discount, acquire, subscribe or tender for, buy, sell, issue, execute, guarantee, negotiate, transfer, hold, invest or deal in, honour, retire, pay, secure or otherwise dispose of obligations, instruments (whether transferable or negotiable or not) and securities of every kind;
  - (iv) to grant, issue, negotiate and in any manner deal with or in letters of credit and circular notes and drafts and other forms of credits and instruments of every kind;
  - (v) to buy, sell and deal in bullion, specie, precious metals, foreign exchange and commodities of every kind;
  - (vi) to receive on deposit or for safe custody or otherwise documents, cash, securities and valuables of every description;
  - (vii) to collect, hold and transmit money and securities and to act as agents for the receipt or payment of money or for the receipt or delivery of securities and documents;
  - (viii) to issue and transact business in respect of all types of bankers' cards and credit cards whether issued by the Company or by any other person or company;
  - (ix) to act as registrars and transfer agents for any company and to maintain for any company any records and accounts which may be requisite for the purpose, and to undertake any duties in relation to the registration of transfers, the issue and deposit of certificates or other documents evidencing title to securities, or otherwise;
  - (x) to act as agents, advisers or consultants in relation to the investment of money, the management of property and all insurance, pension and taxation matters, and generally to transact all agency, advisory or consultancy business of every kind.
- (C) To undertake and execute the office of executor, administrator, judicial and custodian trustee, receiver, manager, committee, liquidator and treasurer and to establish, undertake and execute trusts of all kinds, whether private or public, including

religious and charitable trusts, and generally to carry on trustee and executor business in all its aspects and on such terms as may be thought expedient and in particular, but without prejudice to the generality of the foregoing, to act as trustees for the holders of any securities of any company and as managers and trustees of unit trusts, investment trusts and pension, benevolent and other funds and to transact all kinds of business arising in connection with any of the foregoing offices and trusts, and to establish, settle and regulate and, if thought fit, undertake and execute any trusts with a view to the issue of any securities, certificates or other documents based on or representing any securities or other assets appropriated for the purposes of such trust.

- (D) To promote, effect, negotiate, offer for sale by tender or otherwise, guarantee, underwrite, secure the subscription or placing of, subscribe or tender for or procure the subscription of (whether absolutely or conditionally), participate in, manage or carry out, on commission or otherwise, any issue, public or private, of the securities of any company, and to lend money for the purposes of any such issue.
- (E) To finance or assist in the financing of the acquisition, hire, lease or sale of real and personal property of every kind, and the provision of services in connection therewith, whether by way of personal loan, hire purchase, instalment finance, deferred payment or otherwise; to acquire by assignment or otherwise debts owing to any person or company and to collect such debts, and generally to act as traders, factors, carriers, merchants or in any other capacity, and to import, export, buy, sell, let on hire, charter, barter, make advances upon, pledge or otherwise deal in real and personal property of every kind.
- (F) To enter into any guarantee, bond, recognizance, contract of indemnity or suretyship and otherwise give security or become responsible for the performance of any obligation or duties by any person or company and in particular (without prejudice to the generality of the foregoing) to guarantee, support or secure, whether by personal covenant or by mortgaging or charging all or any part of the undertaking, property and assets, present or future, and uncalled capital of the Company, or by both such methods, the performance of the obligations of and the payment of monies secured by, or payable under or in respect of the securities of any company or person, including (but without limitation) the Company's holding company (if any) or any subsidiary of the Company or of such holding company or any company otherwise associated with the Company in business, and to give and take counter guarantees and indemnities, and to receive security for the implementation of any obligation, and to undertake the insurance, re-insurance and counter-insurance of all kinds of risks and generally to carry on the business of an insurance and guarantee company in all its aspects.
- (G) To carry on the businesses of installing, selling, renting and providing computers, data processing and storage equipment and systems, computer bureau, programming, operating and consultancy services and communication systems of all kinds, and acquiring, leasing, hiring and disposing of electronic and mechanical equipment and machinery, and ancillary chattels and property of any kind or description.
- (H) To carry on the business of providing managerial, secretarial, accountancy, consultancy, statistical and any other supervisory, executive and advisory services of whatsoever kind for or in relation to any person, company, property or business.

- (I) To act as forwarding agents, travel and shipping agents, commission agents, surveyors, architects, valuers, property consultants and managers, land and estate agents, insurance brokers and average adjusters, and generally to undertake all kinds of agency business.
- (J) To raise and borrow money by any means, including the issue of debentures, loan stocks, bonds, notes and other securities, upon and subject to such terms and conditions as may be considered expedient, and to secure all or any of the Company's liabilities in respect of money raised or borrowed, or any other debt or obligation of or binding on the Company, by mortgaging or charging all or any part of the undertaking, property and assets, present and future, and uncalled capital of the Company.
- (K) To purchase, take options over, take on lease or in exchange, hire or otherwise acquire, for any estate or interest and on such terms and for such consideration as may be considered expedient, construct and develop real and personal property of every kind.
- (L) To sell, exchange, mortgage, let on rent, royalty, share of profit or otherwise, improve, manage, turn to account, grant licences, easements, options or other rights over and in any other manner deal with or dispose of the undertaking, property and assets (including uncalled capital) of the Company or any part thereof for such consideration as may be thought fit, and in particular for securities, whether fully or partly paid up, of any other company, and to hold, deal with or dispose of such consideration.
- (M) To amalgamate or enter into partnership or any profit-sharing arrangement with and to co-operate in any way with or assist or subsidise any company, and to purchase or otherwise acquire and undertake all or any part of the business, assets and liabilities of any person or company.
- (N) To invest any monies of the Company in such investments, securities (other than shares in the Company or its holding company, if any) and any other kind of property (whether real or personal) as may be thought expedient and to hold, sell or otherwise deal with such investments, securities or property.
- (O) To establish or promote or concur in the establishment or promotion of any company.
- (P) To procure the registration or incorporation of the Company in or under the laws of any place outside England.
- (Q) To seek for and secure, and generally to utilise and exploit, openings for the employment of capital in any part of the world, and with a view thereto to employ experts to investigate into and examine the conditions, prospects, value, character and circumstances of any business concerns and undertakings, and generally of any assets, concessions, properties and rights whether in existence or contemplation.
- (R) To enter into any arrangement with any government or authority, international,

supreme, municipal, local or otherwise, and to obtain any rights, concessions and privileges from any such government or authority and to carry out, exercise and comply with any such arrangements, rights, concessions and privileges.

- (S) To take all necessary and proper steps in Parliament or with any government or authority, international, supreme, municipal, local or otherwise for the purpose of carrying out, extending or varying the objects and powers of the Company, or altering its constitution, and to oppose any proceedings or applications which may seem calculated directly or indirectly to prejudice the Company's interests.
- (T) To distribute any of the property of the Company among its members in specie.
- (U) To subscribe, donate or guarantee money for any national, charitable, benevolent, public, general or useful object or for any exhibition or for any purpose which may be considered likely directly or indirectly to further the objects of the Company or the interests of its members and to subscribe or donate money to any association or fund for the protection, defence or benefit of any persons or companies carrying on businesses similar to those carried on by the Company or any of its subsidiaries.
- (V) To establish and maintain or procure the establishment and maintenance of any non-contributory or contributory pension or superannuation funds for the benefit of, and to give or procure the giving of donations, gratuities, bonuses, benefits, pensions, allowances or emoluments to, any persons who are or were at any time in the employment or service of the Company or of its holding company (if any) or of any company which is a subsidiary of the Company or of such holding company or is allied to or associated in business with the Company or with any such subsidiary or the predecessors in business of the Company or any other such company as aforesaid, or who are or were at any time directors or officers of the Company or of any such other company as aforesaid or their respective predecessors in business and the wives, widows, families, dependants and personal representatives of any such persons, and also to establish and subsidise or subscribe to any institutions, associations, building and housing schemes, clubs, funds or trusts calculated to be for the benefit of any such persons as aforesaid, or to advance the interest and well being of the Company or of any such other company as aforesaid, and to make payments for or towards the insurance of any such persons as aforesaid.
- (W) To carry on any other business or activity which may seem to the Directors capable of being advantageously carried on in connection or conjunction with or as ancillary to any of the foregoing businesses or which the Directors may consider expedient with a view to rendering profitable or more profitable or enhancing directly or indirectly the value of the Company's undertaking or any of its property or assets.
- (X) To do all or any of the foregoing things in any part of the world and either as principals, agents, contractors, trustees or otherwise and by or through trustees, agents, subsidiary and associated companies or otherwise, and either alone or in conjunction with others.

It is hereby declared that:-

- (i) the expression “company” (except where used in reference to this Company) shall be deemed to include any government or any statutory, municipal or public body, partnership, association, syndicate or other body of persons, whether incorporated or unincorporated and whether domiciled in England or elsewhere and the expression “securities” means and includes shares, stocks, debentures, bonds, notes, debenture stocks, loan stocks, loans, mortgages, documents or other certificates of title, depositary receipts, certificates of deposit, funds or other obligations, interests or participatory rights of any kind whatsoever;
- (ii) the objects specified in each of the paragraphs of this Clause shall not, except where the context expressly so requires, be in anywise limited or restricted by reference to or inference from the terms of any other paragraph or the name of the Company, but may be carried out in as full and ample a manner and shall be construed in as wide a sense as if each of the said paragraphs defined the objects of a separate, distinct and independent company.

5. The liability of the Members is limited.

6. The share capital of the Company is £3,540,000,000; US\$77,500,000; €40,000,000 and ¥4,000,000,000, divided into 13,996,000,000 ordinary shares of £0.25 each, 1,000,000 staff shares of £1 each, 400,000 sterling preference shares of £100 each, 150,000,000 dollar preference shares of US\$0.25 each, 400,000 dollar preference shares of US\$100 each, 400,000 yen preference shares of ¥10,000 each and 400,000 euro preference shares of €100 each.

## CAPITAL HISTORY

(a) The original capital was £6,000,000 divided into 300,000 Shares of £20 each. Prior to 25th November 1953 and principally during the period up to 1920, the capital was increased and reorganised on a number of occasions and at the said date was £20,000,000 consisting of £3,430,356 "A" Stock, 567,411 "A" Shares of £4 each, £11,760,811 "B" Stock, £667,050 "C" Stock and 1,872,139 shares of £1 each.

(b) By Special Resolution passed on 25th November 1953, and with the separate approval of the "A", "B" and "C" Stockholders by Extraordinary Resolutions passed on the same day, the capital was further increased and reorganised so as to be £30,000,000 consisting of £22,247,653 Ordinary Stock, 6,752,347 Ordinary Shares of £1 each, £667,050 Staff Stock and 332,950 Staff Shares of £1 each.

(c) The capital was subsequently increased or reorganised by Resolution as follows:-

	<u>Date</u>	<u>Nature of Change</u>	<u>New Capital</u>
(i)	4th February 1959	10,000,000 new Ordinary Shares	£40,000,000
(ii)	19th August 1959	10,000,000 new Ordinary Shares	£50,000,000
(iii)	8th February 1962	20,000,000 new Ordinary Shares	£70,000,000
(iv)	13th February 1963	20,000,000 new Ordinary Shares	£90,000,000
(v)	19th February 1969	20,000,000 new Ordinary Shares	£110,000,000
(vi)	12th April 1972	120,000,000 new Ordinary Shares	£230,000,000
(vii)	9th April 1975	45,000,000 new Ordinary Shares	£275,000,000
(viii)	11th April 1979	40,000,000 new Ordinary Shares	£315,000,000
(ix)	8th May 1980	45,000,000 new Ordinary Shares	£360,000,000
(x)	28th April 1982	140,000,000 new Ordinary Shares	£500,000,000

	<b>Date</b>	<b>Nature of Change</b>	<b>New Capital</b>
(xi)	1st April 1985	400,000,000 new Ordinary Shares	£900,000,000
(xii)	22nd April 1987	Ordinary and Staff Stock re-converted into shares	£900,000,000
(xiii)	27th April 1988	600,000,000 new Ordinary Shares	£1,500,000,000
(xiv)	20th March 1990	500,000,000 new Ordinary Shares	£2,000,000,000
(xv)	9th April 2001	500,000,000 new Ordinary Shares	£2,500,000,000
(xvi)	25th April 2002	Sub-division of 2,499,000,000 Ordinary Shares of £1 into Ordinary Shares of 25p each	£9,997,000,000
(xvii)	24 April 2008	400,000 new Sterling Preference Shares of £100 each	£40,000,000
		150,000,000 new Dollar Preference Shares of US\$0.25 each	US\$37,500,000
		400,000 new Dollar Preference Shares of US\$100 each	US\$40,000,000
		400,000 new Yen Preference Shares of JPY10,000 each	¥4,000,000,000
		400,000 new Euro Preference Shares of €100 each	€40,000,000
(xviii)	24 November 2008	4,000,000,000 new Ordinary Shares of 25p each	£1,000,000,000

**Company Number: 48839**

**THE COMPANIES ACTS 1985, 1989 AND 2006**

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**A PUBLIC COMPANY LIMITED BY SHARES**

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**ARTICLES OF ASSOCIATION**

**of**

**BARCLAYS PLC**

**(adopted by Special Resolution  
passed on 24 April 2008)**



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**THE COMPANIES ACTS 1985, 1989 AND 2006**  
**A PUBLIC COMPANY LIMITED BY SHARES**  
**ARTICLES OF ASSOCIATION**  
**of**  
**BARCLAYS PLC**  
**(adopted by Special Resolution**  
**passed on 24 April 2008)**

**I. PRELIMINARY**

**Application**

1. No regulations or articles for management of a company contained or set out in any Act of Parliament or statutory instrument concerning companies shall apply to the company and the following shall be the articles of association of the company.

**Interpretation**

2.
  - (a) In these articles, if not inconsistent with the subject or context and save for those words and expressions defined solely for the purpose of a specific article, the words and expressions standing in the first column below shall bear the meanings set opposite to them respectively in the second column:

“address”	the meaning given to it in Section 1148 of the Companies Act 2006;
“articles”	these articles of association as amended from time to time;
“board”	the board of directors for the time being of the company or the directors of the company present at a duly convened meeting of directors at which a quorum is present or any of them acting as the board of directors in accordance with these articles;

“cash memorandum account”	an account so designated by the operator of the relevant system concerned;
“chairman”	the chairman for the time being of the board;
“clear days”	in relation to a period of notice, that period excluding both the day when the notice is served (or deemed to be served) in accordance with these articles and the day for which it is given or on which it is to take effect;
“company”	Barclays PLC or such other name by which the company may for the time being be registered in accordance with the provisions of the statutes;
“connected”	in relation to a director of the company, has the meaning given to it in Section 252 of the Companies Act 2006;
“default shares”	the meaning given to it in article 10(b);
“deputy chairman”	a deputy chairman for the time being of the board;
“direction notice”	the meaning given to it in article 10(b);
“director”	a director for the time being of the company;
“dividend”	dividend and/or bonus;
“electronic form” and “electronic copy”	the meaning given to it in Section 1168 of the Companies Act 2006;
“electronic means”	the meaning given to it in Section 1168 of the Companies Act 2006;
“Financial Services Authority”	includes any other body which assumes the role of competent authority for the purposes of the Financial Services and Markets Act 2000;
“group”	the company and its subsidiary undertakings;
“hard copy form” and “hard copy”	the meaning given to it in Section 1168 of the Companies Act 2006;

“holder”	in relation to shares, the member whose name is entered in the register as the holder of the shares;
“London Stock Exchange”	the London Stock Exchange plc or any other body which assumes the functions of that company as its successor;
“member”	a member of the company;
“office”	the registered office for the time being of the company or, in the case of sending or supplying documents or information by electronic means, the address specified by the board for the purpose of receiving documents or information by electronic means;
“operator”	a person approved by the Treasury as operator of a relevant system under the Regulations;
“ordinary shares”	the ordinary shares of £1 each in the capital of the company referred to in article 3 or, as the case may require, the number thereof for the time being in issue;
“overseas branch register”	branch register of members as defined in Section 362(2);
“paid up” or “paid”	paid up and/or credited as paid up in respect of the nominal amount of a share;
“prescribed period”	the meaning given to it in article 12(d);
“principal place”	the meaning given to it in article 60(a);
“qualifying person”	an individual who is a member, a person authorised under Section 323 of the Companies Act 2006 to act as the representative of a corporation in relation to a meeting, or a person appointed as proxy of a member in relation to that meeting;
“recognised clearing house”	a body declared by an order of the Secretary of State for the time being in force to be a recognised clearing house for the purposes of the Financial Services and Markets Act 2000;
“recognised investment exchange”	a body declared by an order of the Secretary of State for the time being in force to be a

	recognised investment exchange for the purposes of the Financial Services and Markets Act 2000;
“register”	the register of members of the company;
“Regulations”	the Uncertified Securities Regulations 2001 as amended from time to time, including any provisions of or under the Companies Act 1985 and the Companies Act 2006 which alter or replace such regulations;
“relevant system”	any computer-based system and procedures, permitted by the Regulations which enables title to units of a security to be evidenced and transferred without a written instrument and which facilitates supplementary and incidental matters and shall include, without limitation, an Operator-system, as defined in the Regulations;
“rights issue”	the meaning given to it in article 12(d);
“seal”	the common seal (if any) of the company;
“Section 793 notice”	the meaning given to it in article 10(b);
“Section 80 amount” and “Section 89 amount”	the meanings given to them in article 12(d);
“securities seal”	the official seal (if any) of the company permitted to be used by Section 40;
“staff shares”	the staff shares of £1 each in the capital of the company referred to in article 3 or, as the case may require, the number thereof for the time being in issue;
“statutes”	the Companies Act 1985, the Companies Act 1989, the Companies Act 2006 and every other act and statutory instrument for the time being in force concerning companies and affecting the company;

“statutory accounts”	the meaning given to it in article 148(a);
“subsidiary”	a subsidiary as defined in Section 736;
“subsidiary undertaking”	a subsidiary undertaking as defined in Section 1162 of the Companies Act 2006;
“summary financial statement”	the meaning given to it in article 148(b);
“suspension date”	the meaning given to it in article 10(b);
“transfer office”	the location at which the register is for the time being kept or, in the case of sending or supplying documents or information by electronic means, the address specified by the board for the purpose of receiving documents or information by electronic means;
“United Kingdom”	the United Kingdom of Great Britain and Northern Ireland;
“vice-chairman”	a vice-chairman for the time being of the board; and
“in writing”	written or produced by any method of representing or reproducing words in a legible and non-transitory form, including in electronic form.

- (b) The following provisions shall apply to the construction or interpretation of these articles or any part thereof:
- (i) any reference to any section or provision of any Act of Parliament shall, if not inconsistent with the subject or context, include every statutory modification, addition or re-enactment thereto or thereof for the time being in force;
  - (ii) words and expressions used in the Regulations have the same meaning when used in these articles;
  - (iii) references in these articles to a share (or to a holding of shares) being in uncertificated form or in certificated form are references, respectively, to that share being an uncertificated unit of a security or a certificated unit of a security;

- (iv) for the purposes of these articles, a dematerialised instruction is properly authenticated if it complies with the specifications referred to in paragraph 5(3) of Schedule 1 to the Regulations;
- (v) any reference to a numbered article shall be a reference to the article bearing that number in these articles and includes reference to such article as amended from time to time and any reference in an article to a paragraph or sub-paragraph shall, unless stated otherwise, be to a paragraph or sub-paragraph of such article;
- (vi) any reference to a numbered Section, Part or Schedule shall, unless stated otherwise, be a reference to the Section, Part or Schedule bearing that number in the Companies Act 1985 (subject to the provisions of paragraph (b)(i));
- (vii) words importing the singular number include the plural and vice versa;
- (viii) words importing the masculine gender include the feminine gender and the neuter and vice versa;
- (ix) words importing persons include companies, corporations, firms and other unincorporated bodies;
- (x) the expression “secretary” shall mean and include the secretary and any joint, deputy or assistant secretary for the time being of the company and any person qualified in accordance with the statutes appointed by the board to perform any of the duties of the secretary or a deputy or assistant secretary;
- (xi) save as aforesaid, any words or expressions defined in the statutes shall, if not inconsistent with the subject or context, bear the same meanings in these articles except that the word “company” includes any body corporate or unincorporate;
- (xii) a special resolution shall be effective for any purpose for which an ordinary resolution is expressed to be required under any provision of these articles;
- (xiii) the expression “meeting of the company” shall be deemed to include, unless the context otherwise requires, a separate meeting of the holders of any class of shares and the expression “meeting” shall be construed accordingly;

- (xiv) a member is “present” at a meeting if the member (being an individual) attends in person or if the member (being a corporation) attends by its duly authorised representative, who attends in person; or if the member attends by his or its duly appointed proxy, who attends in person;
- (xv) reference to a document being executed or signed include references to its being executed or signed under hand or under seal or by electronic signature or by any other method approved by the board;
- (xvi) references to any document include references to any information in visible form whether having physical substance or not; and
- (xvii) the headings contained in these articles are included for convenience only and shall not in any way affect their construction.

## II. CAPITAL

### A. ISSUES AND RIGHTS

#### Authorised share capital

3.

- (a) The share capital\* of the company at the date of the adoption of these articles consists of £2,500,000,000 divided into 2,499,000,000 ordinary shares of £1 each and 1,000,000 staff shares of £1 each.

#### Ordinary shares and staff shares

3.

- (b) As between the ordinary shares and the staff shares the following provisions apply:
  - (i) The profits of the company available for distribution and resolved to be distributed in respect of any year or other financial period to the holders of ordinary shares and the holders of staff shares shall be applied first in payment of a fixed dividend for such year or other period at the rate of 20 per cent. per annum on the staff shares (subject nevertheless to the special

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\* An ordinary resolution of the Company was passed on 25 April 2002 subdividing the issued and unissued ordinary shares of £1 each in the Capital of the Company into 4 ordinary shares of 25p each. Pursuant to a special resolution of the company dated 24 April 2008, the share capital of the company was increased by the creation of 400,000 sterling preference shares of £100 each, 400,000 dollar preference shares of US\$100 each, 150,000,000 dollar preference shares of US\$0.25 each, 400,000 euro preference shares of €100 each, and 400,000 yen preference shares of ¥10,000 each. An ordinary resolution of the Company was passed on 24 November 2008 to increase the authorised ordinary share capital of the Company by the creation of 4,000,000,000 new ordinary shares of 25 pence each in the Company.

restriction hereinafter provided for in the case of staff shares held by persons not being employees and provided further that no dividend shall be declared or paid on the staff shares in respect of any year or other financial period unless some dividend in respect of the same year or other financial period is paid on the ordinary shares) and the balance shall be applied in the payment of dividends on the ordinary shares. This is subject to the rights of any other class of shares which then exist.

- (ii) In the event of any return of capital by way of reduction of capital or on liquidation the ordinary and staff shares shall rank *pari passu* in proportion to the amounts paid up or credited as paid up on the shares of each class, except that in the event of a winding up of the company the holders of the staff shares shall be entitled to participate in the surplus assets available for distribution among the members to the extent of the amounts paid up on the staff shares held by them respectively plus 10 per cent. of such amounts, but shall not further participate in surplus assets. This is subject to the rights of any other class of shares which then exist.
- (iii) The following restriction on the participation of staff shares in dividend shall have effect, namely: if and whenever and so long as any staff share shall be held by any person not being an employee for the time being, such staff share shall be entitled to rank for dividend *pari passu* with the ordinary shares up to a maximum dividend of 6 per cent. for the year upon the amount paid up thereon, but not to any greater extent, and any further amount to which in the absence of this provision such staff share would have been entitled shall be available as additional dividend on all the other shares of the company (except only any staff shares not for the time being held by employees) according to the rights and interests of such other shares in dividends. When a staff share ceases to be held by an employee during the currency of any financial year or having ceased to be held by an employee becomes again held by an employee during the currency of any financial year the restriction on the dividend on such staff share shall be limited to the proportion of the year during which such share shall not have been held by an employee, dividend for this purpose being treated as earned equally from day to day during the financial year and the apportionment for the purpose of this article being made according to the number of days of the financial year during which such share shall have been held by an employee and by any person not being an employee respectively.
- (iv) The expression “employee” wherever used in connection with staff shares means a person who is for the time being in the employment of the company or Barclays Bank PLC and receiving remuneration from the company or Barclays Bank PLC for such employment other than as a director thereof, but shall not include directors of either such company.
- (v) The following further restrictions and provisions apply to the staff shares:
  - (A) No staff share shall without the previous consent of the board be transferred to any person so long as any employee selected by the board as transferee of the share is willing to purchase the same at the fair value as hereinafter defined.



- (B) In order to ascertain whether any employee selected by the board as aforesaid is willing to purchase any such staff share the proposed transferor shall give notice in writing (hereinafter called “the transfer notice”) to the company at the office that he desires to transfer the same. Such notice shall specify the sum which he fixes as the fair value and shall constitute an offer by the proposing transferor to sell the share to any employee selected as aforesaid (hereinafter called “the purchaser”) at the price so fixed. The transfer notice may include several shares, and in such case shall operate as if it were a separate transfer notice in respect of each share. A transfer notice shall not be revocable except with the consent of the board.
- (C) The sum fixed by a transfer notice as the fair value of a staff share shall in no case exceed the amount credited as paid up thereon together with such amount (if any) in respect of current profits (i.e. profits from the day to which dividends were last declared to the day of transfer) as shall be proportionate to the then expired portion of the then current half-year on the basis of a dividend at the same rate as that declared in respect of the then preceding half-year, regard however being had to paragraph (b)(iii) in cases to which such paragraph applies.
- (D) If the board shall within 60 days after being served with such transfer notice find an employee selected as aforesaid willing to purchase such staff share and shall give notice thereof to the proposing transferor the proposing transferor shall be bound upon payment of the fair value to transfer the share to the purchaser.
- (E) In case the proposing transferor after having become bound as aforesaid makes default in transferring the share, the company may receive the purchase money and the board may thereupon nominate some person to execute the necessary transfer and on the execution of such transfer the board shall cause the name of the purchaser to be entered on the register as the holder of the share, and the company shall hold the purchase money in trust for the proposing transferor. The receipt of the company for the purchase money shall be a good

discharge to the purchaser, and after the name of the purchaser has been entered on the register in purported exercise of the said power the validity of the proceedings shall not be questioned by any person.

- (F) If the company shall not within 60 days after being served with a transfer notice find a person willing to purchase the staff share and give notice in manner aforesaid, the proposing transferor may at any time within three months afterwards sell and transfer the share to any person and at any price, but the board may without assigning any reason decline to prepare or to register any such transfer to any person (whether already a member or not) not approved by it as the transferee of such share.
- (G) Whenever and in every case where any staff share shall be held by any person who shall not for the time being be an employee, the board may at any time call on the person who shall be the holder thereof or entitled thereto by transmission to give to the company a transfer notice in respect thereof within the meaning of paragraph (b)(v)(B), and if such person shall not comply with such call within seven days then at the end of such seven days he shall be deemed to have served the company with a transfer notice in respect thereof and to have specified the sum mentioned in paragraph (b)(v)(B) as the sum which he fixes as the fair value and the subsequent provisions of paragraph (b) concerning transfer notices and the proceedings consequent thereon shall take effect.

### **Preference shares**

3A.

- (A) **Issue** Preference shares may be issued from time to time in one or more series with such rights, and subject to such restrictions and limitations, as the board may determine in the board resolution approving the issue thereof and so that preference shares may be issued in one or more separate series in each case having attached thereto rights, limitations and restrictions which either are identical (save as to the date from which such preference shares rank for dividend) with the rights, limitations and restrictions attached to any other series of preference shares or are different in any respect from the rights, limitations and restrictions attached to any such other series. Each series of preference shares shall be designated in such manner as may be so determined by the board, and it does not have to make changes to these articles to do this. The terms of any series of preference shares can be set out in language which reflects the substance, rather than the language, of these articles.

- (B) **Distributions** Without prejudice to paragraph (I) of this article 3A and save as the board may determine, prior to the issue thereof, each series of preference shares shall rank, in regard to participation in profits, in priority to the payment of any dividend to the holders of ordinary shares and staff shares and in priority to or pari passu with any other class of shares in the company (except shares which by their terms rank in priority to the preference shares of the relevant series as regards participation in profits). Profits of the company available for distribution and permitted by law to be distributed will be applied in paying to holders of preference shares of each series a preferential dividend (“preference dividend”) payable in such currency at such rates (whether fixed or calculated by reference to or in accordance with a specified procedure or mechanism), on such dates and on such other terms as may be determined by the board prior to allotment thereof.
- (C) **Non-payment of dividends** All or any of the following provisions shall apply in relation to any series of preference shares if so determined by the board prior to the allotment thereof:
- (i) If, on any date (the “dividend payment date”), a preference dividend is to be paid but the board considers that distributable profits of the company available for distribution are insufficient (after payment in full, or the setting aside of a sum to enable the payment in full, of dividends expressed to be payable on the relevant dividend payment date on any class of shares in the capital of the company ranking pari passu with or in priority to the relevant series of preference shares as regards participation in the profits of company, and after payment in full, or the setting aside of a sum to enable the payment in full, of all dividends expressed to be payable on a date earlier than the relevant dividend payment date on any class of shares in the capital of the company that ranks pari passu with or in priority to the relevant series of preference shares in such regard and carries cumulative rights to dividends), then (subject to sub-paragraph (iii) of this article 3A(C)) preference dividends shall be paid to the extent of the distributable profits on a pro rata basis so that:
- (1) the aggregate amount of preference dividends payable on the relevant series of preference shares; and
  - (2) the aggregate amount of all dividends which are payable on such date on each other class of shares whose rights state that they rank equally with the relevant series of preference shares with respect to sharing in profits; and

- (3) the aggregate amount of dividends paid or set aside for payment on such date on each other class of shares ranking pari passu with the relevant series of preference shares in such regard and carrying cumulative rights to dividends, on which dividends were expressed to be payable before such date, will bear to each other the same ratio as the full amounts of dividends:
- (A) expressed to be payable in aggregate on the relevant series of preference shares on such date;
  - (B) expressed to be payable in aggregate on each such other pari passu ranking class of shares on which dividends are expressed to be payable on such date; and
  - (C) paid, or set aside for payment of, in aggregate on each such other pari passu ranking class of shares carrying cumulative rights to dividends in respect of dividends expressed to be payable before such date, bear to each other.
- (ii) If it turns out that any such preference dividend should not have been paid, either in whole or in part, as set out in sub-paragraph (i) of this article 3A(C), then provided the board has acted in good faith, neither it (nor any director) nor the company shall incur any liability for any loss which any shareholder may suffer in consequence of such payment having been made.
- (iii) Notwithstanding sub-paragraph (i) of this article 3A(C), on any dividend payment date, the board may, at its discretion, determine that the preference dividend which would otherwise be payable may either not be payable at all or only payable in part.
- (iv) If a preference dividend on any preference share of any series is not paid, or is paid only in part, pursuant to sub-paragraphs (i) or (iii) of this article 3A(C), the holders of those preference shares who did not receive a preference dividend in whole or in part shall have no claim in respect of such non-payment or non-payment in part, as applicable. The company shall have no obligation to pay the preference dividend accrued for the relevant dividend period or to pay interest thereon, whether or not preference dividends are paid on any preference shares of any series for any future dividend period.

- (v) If the board considers that paying all or any part of any preference dividend on any preference shares of any series would result in a breach of the capital adequacy requirements of the Financial Services Authority which apply to the company and/or any of its subsidiaries, none of the part of that preference dividend which would result in a breach of the capital adequacy requirements of the Financial Services Authority will be paid, unless the Financial Services Authority otherwise agrees.
  - (vi) If, in respect of preference shares of any series, any preference dividend is not paid in full on a dividend payment date (the “relevant dividend payment date”) (or a sum is not set aside to provide for its payment in full), the dividend restriction shall apply. The “dividend restriction” means that neither the company nor Barclays Bank PLC may (a) pay a dividend (other than payment by the company of a final dividend declared by its shareholders prior to the relevant dividend payment date, or a dividend paid by Barclays Bank PLC to the company or to another wholly-owned subsidiary of the company) on any of their respective ordinary shares, other preference shares or other share capital ranking pari passu with or junior to the relevant series of preference shares in respect to dividend payments and rights in liquidation or (b) redeem, purchase, reduce or otherwise acquire any of their respective ordinary shares, preference shares or other share capital, other than shares of Barclays Bank PLC held by the company or by a wholly-owned subsidiary of the company (or set aside any sum or establish any sinking fund for the redemption, purchase or other acquisition thereof), until the earlier of (1) the dividend payment date on which the company next pays (or sets aside a sum to provide for the payment of) a preference dividend in full on the relevant series of preference shares and (2) the date on or by which all of the preference shares of the relevant series of preference shares are either redeemed in full or purchased by or for the account of the company, in each case in accordance with these articles and the terms of preference shares of the relevant series of preference shares.
- (D) **Rights on a winding-up etc.** In the event of a winding-up or any other return of capital by way of reduction of capital (other than, unless provided by their terms of issue, a redemption or purchase by the company of any of its issued shares, or a reduction of share capital, permitted by these articles and under applicable law), the assets of the company available for distribution among the members shall be applied in paying to holders of any series of preference shares pari

passu in proportion to the amounts paid up or credited as paid up on the preference shares in priority to any payment to the holders of ordinary shares and any other class of shares in the capital of the company then in issue ranking junior to the relevant series of preference shares and pari passu on such a return of capital with the holders of any other class of preference shares in the capital of the company then in issue (other than any class of shares in the capital of the company then in issue ranking in priority to the relevant series of preference shares on such return of capital) an amount per preference share equal to the aggregate of:

- (i) the amount paid up or treated as paid up in respect of the nominal value of the preference share;
- (ii) any premium which was paid or treated as paid when the preference share was issued;
- (iii) the preference dividend accrued thereon for the then current dividend period to the date of the commencement of the winding-up or other such return of capital; and
- (iv) an amount equal to any dividend that has been resolved to be paid on or after the date of commencement of the winding-up or return of capital but which is payable in respect of a dividend period ending on or before such date.

Holders of preference shares of any series shall not be entitled to participate further in the assets of the company available for distribution among the members.

- (E) **Redemption** Save as may otherwise be prescribed by the board in regard to any series of preference shares prior to allotment thereof, the preference shares shall, subject to the statutes at the time of allotment, be redeemable at the option of the company, and shall be governed by the following provisions as to redemption:

- (i) the company may, subject to the statutes at the time of allotment, to these articles and to giving one month's prior written notice to the Financial Services Authority (if required), redeem all or some only of any series of preference shares on the relevant redemption date and on any dividend payment date thereafter. The expression "redemption date" means, in relation to any series of preference shares, any date which falls not less than five years after the date (the "issue date") when such series of preference shares was first issued;

- (ii) subject as mentioned in sub-paragraph (i) of this article 3A(E), there shall be paid on each preference share so redeemed, in whatever currency the board decides prior to the allotment of the relevant series thereof, the aggregate of the nominal amount thereof, any premium credited as paid up upon such preference share and the preference dividend accrued thereon for the then current dividend period to the date fixed for redemption but only to the extent that any such amount was, or would have been, payable as a cash dividend in accordance with or pursuant to article 3A(B) and article 3A(C);
- (iii) redemption is effected by giving to the holders of the preference shares to be redeemed not less than 30 nor more than 60 days' notice (a "redemption notice"). The redemption notice shall state:
  - (1) the particular series of preference shares to be redeemed;
  - (2) the applicable redemption date;
  - (3) the redemption price (specifying details of the amount of any preference dividend accrued and unpaid to be included therein and stating that preference dividends on the preference shares to be redeemed will cease to accrue on redemption);
  - (4) the place or places at which documents of title in respect of such preference shares are to be presented and surrendered for redemption; and
  - (5) the procedures for redeeming registered and bearer preference shares.

If some only of the preference shares are to be redeemed, the board shall for the purpose of ascertaining the preference shares to be redeemed cause a drawing to be made at the office (or at such other place as the board decides) in the presence of a representative of the auditors;

- (iv) the provisions of this and the following sub-paragraphs shall have effect in relation to preference shares of any series for the time being issued and outstanding in registered form ("registered preference shares") and represented by certificates ("certificates") and in relation to preference shares of any series which are for the time being issued and outstanding in bearer form ("bearer preference shares") and represented by share warrants ("warrants");
- (v) payment in respect of the amount due on redemption of a registered preference share shall be made (a) in the case of euro preference shares by euro cheque drawn on a branch of a bank in London or the Euro-zone

(as the case may be); (b) in the case of dollar preference shares by dollar cheque drawn on a branch of a bank in London or New York (as the case may be); (c) in the case of sterling preference shares by pounds sterling cheque drawn on a branch of a bank in London; and (d) in the case of yen preference shares by yen cheque drawn on a branch of a bank in London or Tokyo (as the case may be) or, upon the request of the holder or joint holders not later than the date specified for the purpose in the notice of redemption, by transfer to (a) in the case of euro preference shares, a euro account maintained by the payee with a branch of a bank in London or the Euro-zone (as the case may be); (b) in the case of dollar preference shares, a dollar account maintained by the payee with a branch of a bank in London or New York (as the case may be); (c) in the case of sterling preference shares, a pounds sterling account maintained by the payee with a branch of a bank in London; and (d) in the case of yen preference shares, a yen account maintained by the payee with a branch of a bank in London or Tokyo (as the case may be). Such payment will be made against presentation and surrender of the relative certificate at the place or one of the places specified in the redemption notice;

- (vi) payment in respect of the amount due on redemption of a bearer preference share shall be made (a) in the case of euro preference shares by euro cheque drawn on a branch of a bank in London or the Euro-zone (as the case may be); (b) in the case of dollar preference shares by dollar cheque drawn on a branch of a bank in London or New York (as the case may be); (c) in the case of sterling preference shares by pounds sterling cheque drawn on a branch of a bank in London; and (d) in the case of yen preference shares by yen cheque drawn on a branch of a bank in London or Tokyo (as the case may be) or, upon the request of the holder not later than the date specified for the purpose in the notice of redemption, by transfer (a) in the case of euro preference shares to a euro account maintained by the payee with a branch of a bank in London or the Euro-zone (as the case may be); (b) in the case of dollar preference shares to a dollar account maintained by the payee with a branch of a bank in London or New York (as the case may be); (c) in the case of sterling preference shares to a pounds sterling account maintained by the payee with a branch of a bank in London; and (d) in the case of yen preference shares, a yen account maintained by the payee with a branch of a bank in London or Tokyo (as the case may be). Such payment will be made against presentation and surrender of the relative warrant at the place or one of the places specified in the redemption notice. Upon the relevant redemption date all unmatured dividend coupons (if any), and any talon for additional dividend coupons, appertaining thereto (whether or not attached) shall become void and no payment will be made in respect thereof;



- (vii) all payments in respect of redemption moneys will in all respects be subject to any applicable fiscal or other laws and other regulations;
- (viii) as from the relevant redemption date the dividend on the preference shares due for redemption shall cease to accrue except on any such preference share in respect of which, upon the due surrender of the certificate or, as the case may be, the warrant therefor in accordance with sub-paragraph (v) or, as the case may be, (vi) above, payment of the redemption moneys due on such redemption date shall be improperly withheld or refused in which case the said dividend, at the rate then applicable, shall be deemed to have continued and shall accordingly continue to accrue from the relevant redemption date to the date of payment of such redemption moneys. Such preference shares shall not be treated as having been redeemed until the redemption moneys in question, together with the accrued dividend thereon, shall have been paid;
- (ix) if the due date for the payment of the redemption moneys on any euro preference share is not a day (other than a Saturday or Sunday) on which (1) banks in London are open for business (2) foreign exchange dealings may be conducted in euro and (3) the Trans-European Automated Real Time Gross Settlement Express Transfer System (TARGET or TARGET2) (or any successor thereto determined by the company) is open (a “euro business day”), then payment of such moneys will be made on the next succeeding day which is a euro business day (and without any interest or other payment in respect of such delay);
- (x) if the due date for the payment of the redemption moneys on any dollar preference share is not a day (other than a Saturday or Sunday) on which (1) banks in New York or London are open for business or (2) foreign exchange dealings may be conducted in dollars (a “dollar business day”), then payment of such moneys will be made on the next succeeding day which is a dollar business day (and without any interest or other payment in respect of such delay);
- (xi) if the due date for the payment of the redemption moneys on any sterling preference share is not a day (other than a Saturday or Sunday) on which banks in London are open for business (a “London business day”), then payment of such moneys will be made on the next succeeding day which is a London business day (and without any interest or other payment in respect of such delay);
- (xii) if the due date for the payment of the redemption moneys on any yen preference share is not a day (other than a Saturday or Sunday) on which

- (1) banks in Tokyo or London are open for business or (2) foreign exchange dealings may be conducted in yen (a “Tokyo business day”), then payment of such moneys will be made on the next succeeding day which is a Tokyo business day (and without any interest or other payment in respect of such delay);
- (xiii) the receipt of the holder for the time being of any registered preference share (or in the case of joint holders the receipt of any of them) and the receipt of the person delivering any warrant to the place or one of the places specified in accordance with sub-paragraph (iii) of this article 3A(E), in respect of the moneys payable on redemption of the registered preference share or, as the case may be, the bearer preference share, shall constitute an absolute discharge to the company; and
- (xiv) upon the redemption or purchase of any class of preference shares the company may, if determined by the board, convert the unissued preference shares existing as a result of such redemption or purchase into shares of any other class of share capital into which the authorised share capital of the company is or may at any time be divided of the same nominal amount and denominated in the same currency as such class of preference shares or into unclassified shares of the same nominal amount and in the same currency as such class of preference shares.
- (F) **Purchases** The company may at any time purchase, or cause to be purchased for its account, all or any of any series of preference shares, subject to the provisions of the statutes, these articles and all other applicable rules and regulations and subject to the consent of or prior notification to the Financial Services Authority (if required), at any price. The company shall not be required to select the preference shares to be purchased rateably or in any other particular manner as between the holders of any series of preference shares or as between them and the holders of shares of any other class of shares or in accordance with the rights as to dividends or capital conferred by any class of shares.
- (G) **Form of Transfer**
- (i) Title to any preference share represented by a share warrant to bearer will pass by delivery of the relevant bearer preference share warrants. Title to any preference share in registered form will pass by transfer and registration on the register for such preference shares.

- (ii) The bearer of any share warrant for any preference share and the persons (if any) in whose names any preference shares are for the time being registered, shall (to the fullest extent permitted by applicable law) be deemed to be, and shall be treated as, the holders and absolute owners of the relevant preference shares for the purpose of receiving payment in respect thereof and for all other purposes (notwithstanding any notice of ownership or writing thereon or any notice of previous loss or theft thereof or any trust or other interest therein), whether or not any payment in respect of the preference shares shall be overdue.
  - (iii) Each exchange or registration of transfer of preference shares in registered form will, subject to and in accordance with these articles, be effected by entry on the register for such preference shares kept by the company's registrar at its office in the United Kingdom. No fee shall be charged on the registration of any instrument of transfer or other instrument relating to or affecting the title to the preference shares, but the person requesting such registration will be required to pay any related taxes, stamp duties or other governmental charges.
  - (iv) Upon presentation to the company's registrar at its office in the United Kingdom, a bearer preference share warrant may be exchanged for the relevant preference share in registered form, in which event the holder of the bearer preference share warrant will be registered as a holder of the preference shares in the register of members of the company and will receive a certificate made out in such holder's name. The exchange of preference shares represented by a bearer preference share warrant for preference shares in registered form will also be subject to applicable UK tax laws and regulations in effect at the time of the exchange. No exchange will be made unless any resulting taxes, stamp duties or other governmental charges have been paid to the company. Preference shares in registered form will not be exchangeable, in whole or in part, for preference shares represented by a share warrant to bearer.
- (H) **Voting at general meetings of the company** The holders of any series of preference shares shall not be entitled to receive notice of, or attend or vote at, any general meeting of the company.
- (I) **Variations of rights and further issues**
- (i) The company may at any time or from time to time, without the consent or sanction of the holders of preference shares of any series, create and issue further preference shares or other share capital ("further shares") of one or more series ranking as regards participation in the profits and assets

of the company pari passu with, or junior to, the preference shares, but not (other than on a redemption or purchase by the company of any such shares, or a reduction of share capital, permitted by these articles and under applicable law) in priority thereto unless the holders of each class of preference shares to which such shares are to rank in priority have so sanctioned or consented thereto in accordance with article 6, and so that, save as aforesaid, the further shares of any series may either carry rights identical in all respects (except as regards the date from which such shares rank for dividend) with the preference shares of any series or carry rights differing therefrom in any respect including, but without limitation, in that:

- (1) the rate and/or basis of calculating dividends may differ and the dividend may be cumulative or non-cumulative;
- (2) such shares may rank for dividends as from such date as may be provided by the terms of issue thereof and the dates for payment of dividend may differ;
- (3) such shares may be denominated in any currency or, if permitted by law, any basket of currencies;
- (4) a premium may be payable on return of capital or there may be no such premium;
- (5) such shares may be redeemable at the option of the company or may be non-redeemable;
- (6) different or no restrictions may apply in the event a dividend is not paid on such shares on a scheduled dividend payment date therefor; and
- (7) such shares may be convertible into ordinary shares or any other class of shares ranking as regards participation in the profits and assets of the company pari passu with or junior to any class of the sterling preference shares, dollar preference shares, euro preference shares or yen preference shares,

in each case on such terms and conditions as may be prescribed by the terms of issue thereof.

- (ii) Subject to legislation in force at the relevant time, a series of preference shares shall have such rights to share in the profits and assets of the company and such other rights as the board shall decide to give it before

the preference shares of that series are first allotted but any such decision shall be without prejudice to any preference shares then in issue and no such decision shall vary or abrogate all or any of the rights, preferences, privileges, limitations or restrictions attaching to those preference shares then in issue without such consent to the variation or abrogation as is required by these articles

- (J) **Substitution** The company may at any time or from time to time, without the consent or sanction of the holders of preference shares of any series create and issue further preference shares of one or more series which provide for the company to substitute or exchange such further preference shares in whole, but not in part, with other instruments in an equivalent nominal face amount to the aggregate liquidation preference of such preference shares, at any time without any requirement for consent or approval of the holders of the further preference shares. Upon such substitution, the proceeds of redemption of the preference shares would be mandatorily applied to the subscription or purchase of the instruments so issued. The board may determine on issue of any series of preference shares the method of substitution and the terms of the instrument that will be issued in substitution for such preference shares.
- (K) **Other Terms** The board may decide any other terms and conditions of issue of a series of preference shares whatsoever.
- (L) **Definitions** For the purposes of this article:
- (i) “dividend period” means the period from and including a dividend payment date (or the issue date) to but not including the next succeeding dividend payment date;
  - (ii) “dollar preference shares” means the preference shares of US\$0.25 each in the capital of the company referred to in articles 3 and 3A or, as the case may require, the number thereof for the time being in issue and the preference shares of US\$100 each in the capital of the company referred to in articles 3 and 3A or, as the case may require, the number thereof for the time being in issue;
  - (iii) “euro preference shares” means the preference shares of €100 each in the capital of the company referred to in articles 3 and 3A or, as the case may require, the number thereof for the time being in issue;
  - (iv) “Euro-zone” means the region comprised of member states of the European Union which adopt the Euro in accordance with the Treaty establishing the European Community, as amended;

- (v) “preference shares” means the dollar preference shares, euro preference shares, sterling preference shares or yen preference shares, as the case may be;
- (vi) “sterling preference shares” means the preference shares of £100 each in the capital of the company referred to in articles 3 and 3A or, as the case may require, the number thereof for the time being in issue;
- (vii) “yen preference shares” means the preference shares of ¥10,000 each in the capital of the company referred to in articles 3 and 3A or, as the case may require, the number thereof for the time being in issue;
- (viii) references to “US\$”, “dollars” and “cents” are references to the lawful currency for the time being of the United States of America;
- (ix) references to “€” and “euro” are references to the lawful currency of the member states of the European Union that have adopted or adopt the single currency in accordance with the Treaty establishing the European Community, as amended from time to time;
- (x) references to “£” and “sterling” are references to the lawful currency for the time being of the United Kingdom;
- (xi) references to “yen”, “¥” and “JPY” are references to the lawful currency of Japan.

#### **Redemption and purchase of the company’s shares**

4.

- (a) Subject to the provisions of the statutes and to the rights conferred on the holders of any other shares and to any necessary amendment to these articles, any share may be issued on terms that it is, or at the option of the company or the holder thereof is to be liable, to be redeemed.
- (b) The company may purchase its own shares (including any redeemable shares) subject to the provisions of the statutes and of these articles and, if there is in issue any class of convertible shares for the time being forming part of the capital of the company, to the holders of not less than three-quarters of such class giving their approval in writing or, alternatively, to a special resolution approving the purchase being passed at a separate meeting of the holders of such class, in each case in accordance with the terms of issue of such convertible shares.

**Issue of shares with special rights or restrictions**

5. Without prejudice to any rights for the time being conferred on the holders of any shares or class of shares (which rights shall not be varied or abrogated, except with such consent or sanction as is provided by article 6) any share in the company may be allotted and issued with such preferred, deferred or other rights, or such restrictions, whether in regard to dividend, return of capital, voting, conversion or otherwise, as the company may from time to time by ordinary resolution determine (or, failing such determination, as the board may determine).

**Variation of rights attaching to a class of shares**

6. If the capital shall be divided into different classes of shares the holders of any class of shares shall have power at any time, and from time to time, and whether before or during liquidation, by a special resolution passed at a meeting of such holders, of which notice specifying the intention to propose such resolution shall have been duly given, to consent on behalf of all the holders of shares of the class:
- (a) to the issue or creation of any shares ranking equally with the shares of the class, or having any priority thereto, which could not be issued under the powers contained in these articles without the consent of all the holders of shares of the class; or
  - (b) to the abandonment or alteration of any preference, privilege, priority or special right, whether as regards capital or dividends, or of any right of voting affecting the class of shares, or to the abandonment of any accrued dividend, or the reduction for any time or permanently of the dividends payable thereon, or to the amalgamation into one class of the shares of any two or more classes, or to the division of shares into shares of different classes, or to any alteration in these articles varying or abrogating or putting an end to any rights or privileges attached to shares of the class; or
  - (c) to any scheme for the reduction of capital prejudicially affecting the class of shares as compared with any other class, and not otherwise authorised by these articles; or
  - (d) to any scheme for the distribution of assets in money or kind in or before liquidation (though such scheme may not be in accordance with legal rights) or to any contract for the sale of the whole or any part of the company's undertaking or property determining the manner in which, as between the several classes of shareholders, the purchase consideration shall be distributed (though such distribution may not be in accordance with legal rights); and

- (e) generally, to any alteration, contract, compromise or arrangement which the persons voting thereon could, if sui juris and holding all the shares of the class, consent to or enter into; and a resolution so passed shall be binding upon all the holders of shares of the class provided that this article shall not be read as implying the necessity for such consent in any case in which, but for this article, the object of the resolution could have been effected without it.

#### **Conduct of class meetings**

7. Any meeting for the purpose of article 6 shall be convened and conducted in all respects as nearly as possible in the same way as a general meeting of the company and all the provisions of these articles as to such general meetings shall mutatis mutandis apply, provided that:
- (a) no member (other than a director) shall be entitled to notice of such meeting, unless he holds shares of the class intended to be affected by the resolution;
  - (b) no person (other than a director or the duly appointed proxy or duly authorised representative of a member entitled to shares of the class intended to be affected by the resolution) shall be entitled to attend at such meeting unless he holds shares of that class;
  - (c) votes shall only be given in respect of shares of the class intended to be affected by the resolution;
  - (d) at any such meeting (other than an adjourned meeting) the quorum shall be two qualifying persons present and entitled to vote and holding, representing or authorised to exercise voting rights in respect of, at least one-third in nominal value of the issued shares of the class (excluding any shares of that class held as treasury shares), and the quorum for an adjourned meeting shall be one qualifying person present and entitled to vote and holding, representing or authorised to exercise voting rights in respect of, a share or shares of that class; and
  - (e) a poll may be demanded at any such meeting by any holder of shares of the class intended to be affected by the resolution present in person or by proxy or (being a corporation) by its duly authorised representative and entitled to vote at the meeting.

For the purposes of determining whether a quorum is present at a meeting (other than an adjourned meeting) as referred to above in this article, where a person is present by one or more proxies, he is treated as holding only the shares in respect of which any such proxy is authorised to exercise voting rights.



**Special rights not varied by an issue of further shares of the class**

8. The rights conferred upon the holders of any shares or class of shares issued with preferred or other rights shall not (unless otherwise expressly provided by the rights attached to any such shares) be deemed to be varied by the creation or issue of further shares ranking pari passu therewith or subsequent thereto but in no respect in priority thereto.

**Financial assistance for the acquisition of the company's shares**

9. Save to the extent prohibited by the statutes or otherwise by law, the company shall be entitled, subject to and in accordance with the provisions of the statutes, to give financial assistance directly or indirectly for the purpose of the acquisition or proposed acquisition of any shares in the company or any company of which it is a subsidiary or for the purpose of reducing or discharging any liability incurred by any person for the purpose of acquiring any shares in the company or any company of which it is a subsidiary.

**Powers to disqualify from voting and impose other sanctions**

- 10.
- (a) No member shall, unless the board otherwise determines, be entitled in respect of any share held by that member to vote either personally or by proxy at any meeting of the company or to exercise any other right conferred by membership in relation to any such meeting if any call or other sum presently payable by the member in respect of that share remains unpaid.
  - (b) If any member, or any other person appearing to be interested in any shares in the company, has been duly served with a notice under Section 793 of the Companies Act 2006 (a "Section 793 notice") and is in default at the end of the period specified in such notice in supplying to the company the information thereby required, then at any time thereafter the board may in its absolute discretion by notice (a "direction notice") to the holder of the shares (whether or not fully paid) in relation to which the default occurred ("default shares") direct:
    - (i) that in respect of the default shares and with effect from the later of the date of service of the direction notice and the date falling 14 days after service of the Section 793 notice (such date being the "suspension date"), such member shall not be entitled to attend or vote either personally or by proxy at any meeting of the company until the direction notice shall cease to have effect pursuant to paragraph (f); and/or

- (i) if the default shares represent, at the date of the direction notice, 0.25 per cent, or more of the issued shares of the relevant class of shares in the company, that:
- (A) any dividend (including shares allotted in respect of a dividend) (or part thereof) or other moneys which would otherwise be payable on such shares on or at any time after the suspension date shall be retained by the company until such time as the direction ceases to have effect (without any liability on the part of the company to pay interest thereon or compensation and without constituting the company a trustee) and that prior to such time the acceptance of an offer made by the company under article 142 in respect of any such dividend shall be of no effect; and/or
  - (B) no transfer, other than an approved transfer, of any of the default shares shall be registered on and from the suspension date until the direction notice shall cease to have effect. Provided that in the case of default shares which are in uncertificated form, the board shall only exercise its discretion not to register a transfer in accordance with Regulation 23 of the Regulations.
- (c) The company shall send a copy of the direction notice to each other person appearing to be interested in the relevant default shares the address of whom has been notified to the company, but the failure or omission by the company to do so shall not invalidate such notice.
- (d) Any new shares in the company issued in right of any shares subject to a direction notice (whether before or after such notice is served) shall also be subject to the direction notice, and the board may make any right to an allotment of the new shares subject to restrictions corresponding to those which will apply to those shares by reason of the direction notice when such shares are issued.
- For this purpose, shares which the company procures to be offered or appropriated to holders of shares in proportion to their respective holdings (or in proportion ignoring fractional entitlements and/or shares not offered to certain shareholders by reason of legal, regulatory or practical problems or costs associated with offering shares outside the United Kingdom) shall be treated as shares issued in right of default shares.
- (e) Any member on whom a direction notice has been served may make representations in writing to the company concerning such direction notice. Neither the company nor any of the directors shall in any event be liable to any person as a result of the board, acting in good faith, having imposed sanctions under this article or failed to determine that sanctions shall cease to apply.

- (f) Any direction notice shall have effect in relation to default shares in accordance with its terms but shall cease to have effect:
- (i) on the expiry of seven days after the company has received in writing all information required by it in respect of those default shares pursuant to every Section 793 notice served on the holder of such shares and each other person appearing to be interested in such shares; or
  - (ii) when the company receives notice that an approved transfer to a third party has occurred; or
  - (iii) if and to the extent that the board so determines.
- (g) Where any person appearing to be interested in any shares has been served with a Section 793 notice and such shares are held by a recognised depositary, the provisions of this article shall be deemed to apply only to those shares held by the recognised depositary in which such person appears to be interested and references to default shares shall be construed accordingly.
- (h) Where the member on whom a Section 793 notice has been served is a recognised depositary, the obligations of the recognised depositary acting in its capacity as such shall be limited to disclosing to the company such information relating to any person appearing to be interested in the shares held by the recognised depositary as has been recorded by it pursuant to the arrangements entered into by the company or approved by the board pursuant to which it was appointed as a recognised depositary.
- (i) For the purposes of this article:
- (i) a person shall be treated as appearing to be interested in any shares if the holder of such shares has given to the company a notification under Section 793 which names such person as being so interested or if the company (after taking into account any such notification and any other notification under the statutes or any relevant information otherwise available to the company) knows or has reasonable cause to believe that the person in question is, or may be, interested in the shares, and so that any reference to persons interested in shares and to interests in shares shall be construed as it is for the purposes of Section 793 of the Companies Act 2006;
  - (ii) a transfer is an approved transfer if (but only if):
    - (A) the transfer results from a sale made through a recognised investment exchange or any stock exchange outside the United Kingdom on which the company's shares (or rights in respect of those shares) are normally traded; or

- (B) it is a transfer of shares to an offeror by way of acceptance of or in pursuance of a takeover offer (as defined in Section 974 of the Companies Act 2006) for the company; or
  - (C) the board is satisfied that the transfer is made pursuant to a sale of the whole of the beneficial ownership of the shares to a person who, in the opinion of the board, is not connected with the holder thereof or with any other person appearing to be interested in such shares prior to such transfer (being a person which is not the holder of any shares in the company in respect of which a direction notice is then in force or a person appearing to be interested in any such shares) and the board does not have reasonable grounds to believe that the transferor or any other person appearing to be interested in such first-mentioned shares will following such transfer have any interest in such shares;
- (ii) a recognised depository is a custodian or other person appointed under arrangements entered into with the company or otherwise approved by the board whereby such custodian or other person holds or is interested, directly or indirectly through a nominee, in shares in the company or rights or interests in respect thereof and issues securities or other documents of title, or maintains accounts, evidencing or recording the entitlement of the holders thereof, or account holders, to or to receive such shares, rights or interests, provided and to the extent that such arrangements have been approved by the board for the purposes of this article and shall include, where so approved by the board, the trustees (acting in their capacity as such) of any employees' share scheme established by the company or any other member of the group; and
  - (iv) a reference to a person being in default in supplying to the company the information required by a Section 793 notice includes a reference to his or her having failed or refused to give all or any part of it and also includes a reference to his or her having given information which he or she knows to be false in a material respect or having recklessly given information which is false in a material respect.
- (j)
    - (i) None of the provisions contained in this article shall in any way limit or restrict the rights of the company under Part 22 of the Companies Act

2006 or any order made by the court under Section 794 of the Companies Act 2006 nor shall any sanction imposed by the board pursuant to this article cease to have effect, otherwise than as provided in this article, unless the court so orders.

- (ii) The provisions of this article are without prejudice to article 14.

## **B. ALLOTMENT OF SHARES**

### **Unissued shares at disposal of the board**

- 11. Subject to the provisions of the statutes and to the board being duly authorised in accordance with article 12, all unissued shares for the time being in the capital of the company shall be at the disposal of the board which may offer, allot, grant options over or otherwise dispose of them to such persons, at such times and on such terms as the board may decide.

### **Allotment authority of the board**

- 12.
  - (a) By an ordinary or special resolution of the company fixing the prescribed period and the Section 80 amount for the purposes of this article the board may be generally and unconditionally authorised pursuant to Section 80 to exercise for each prescribed period so fixed all the powers of the company to allot relevant securities up to an aggregate nominal amount equal to the Section 80 amount.
  - (b) Pursuant to and within the terms of the said authority the board shall be empowered during each prescribed period to allot equity securities wholly for cash:
    - (i) in connection with a rights issue; and
    - (ii) otherwise than under sub-paragraph (i), up to an aggregate nominal amount equal to the Section 89 amount (if any) fixed by a special resolution of the company in respect of the relevant prescribed period; as if Section 89(1) did not apply to such allotment.
  - (c) The said authority and power shall permit the company to make any offer or agreement during a prescribed period which would or might require relevant securities or, as the case may be, equity securities to be allotted after the expiry of such period and the board may, notwithstanding such expiry, allot relevant securities or, as the case may be, equity securities in pursuance of such offer or agreement.

- (d) For the purposes of this article:
- (i) “rights issue” means an offer of securities open for acceptance for a period fixed by the board to holders of ordinary shares registered as such on a specified record date in proportion to their then holdings of such shares but subject to such exclusions or other arrangements as the board may deem necessary or expedient in relation to fractional entitlements or legal or practical problems or costs under the laws of, or the requirements of any regulatory or stock exchange authority in, any territory or in relation to shares represented by depositary receipts;
  - (ii) “prescribed period” means any period (not exceeding five years from the passing of the relevant resolution on any occasion) for which the authority referred to in paragraph (a) is conferred by ordinary or special resolution of the company stating the Section 80 amount;
  - (iii) “the Section 80 amount” shall for any prescribed period be that stated in the relevant ordinary or special resolution of the company or any increased amount fixed by ordinary resolution of the company;
  - (iv) “the Section 89 amount” shall for any prescribed period be that stated in the relevant special resolution of the company; and
  - (v) “relevant securities” and “equity securities” shall bear the meanings attributed thereto by Sections 80 and 94 respectively.
- (e) Nothing in this article shall affect any authority or power conferred on the board for the purposes of Section 80 and/or Section 95 prior to the adoption of these articles.

**Power to pay commission and brokerage on subscription of shares**

13. In addition to all other powers of paying commissions, the company may pay commissions to persons subscribing or procuring subscriptions for shares in the company, or agreeing to do so whether absolutely or conditionally, in the manner and to the extent permitted by Section 97. The company may also, on any issue of shares, pay such brokerage as may be lawful. Such commission or brokerage may be satisfied in cash or by the allotment and issue of shares paid up fully or in part, or in a combination of cash and the allotment and issue of such shares.

**Trusts in relation to shares not to be recognised**

14. Except as required by law, no person shall be recognised by the company as holding any share upon any trust, and (except only as by these articles or by law otherwise provided)

the company shall not be bound by or recognise (even when having notice thereof) any equitable, contingent, future or partial interest in any share, or any interest in any fractional part of a share, or any other right in respect of any share, except an absolute right to the entirety thereof in the holder.

#### **Issue of warrants**

15.

- (a) The company may, with respect to fully paid shares, issue share warrants in hard copy form stating that the bearer is entitled to the shares specified therein, and may provide by coupons or otherwise for the payment of future dividends or other moneys on or in respect of the shares included in such share warrants.
- (b) A share warrant shall entitle the bearer thereof to the shares included in it, and the shares may be transferred by the delivery of the hard copy of the share warrant, and the provisions of these articles with respect to transfer and transmission of shares shall not apply thereto. The method or system of sealing (if required) and signature (if any) of warrants shall be as for share certificates under article 16.
- (c) The board shall be at liberty to accept a certificate (in such form and from such person as the board may approve) to the effect that a specified person is shown in the records of the person issuing such certificate as being entitled to the shares comprised in a specified share warrant as sufficient evidence of the facts stated in such certificate, and may treat the deposit of such certificate at such place as is specified from time to time by the board as equivalent to the deposit thereof of the share warrant, and may (inter alia) allot to the person named in such certificate any shares to which the bearer of the share warrant referred to in such certificate may be entitled and the right of the allottee to the allotment shall not, after allotment, be questioned by any person.
- (d) The board may determine, and from time to time vary, the conditions upon which share warrants shall be issued, and in particular (but without limitation) upon which a new share warrant or coupon will be issued in the place of one worn out, defaced, lost or destroyed (provided that no new share warrant may be issued to replace one that has been lost unless the board is satisfied beyond reasonable doubt that the original share warrant has been destroyed), upon which (subject as hereinafter provided) the bearer of a share warrant shall be entitled to attend and vote at meetings of the company, and upon which a share warrant may be surrendered and the name of the holder entered in the register in respect of the shares therein specified. Subject to such conditions and to these articles, the bearer of a share warrant shall be subject to the conditions for the time being in force relating to share warrants, whether made before or after the issue of such share warrant.

- (e) Subject to any conditions for the time being in force relating to share warrants and as otherwise expressly provided in these articles, the bearer of a share warrant may at any time deposit the hard copy of the share warrant at such place as the board may from time to time appoint and so long as the share warrant remains so deposited, the depositor shall have the same right of signing a requisition for calling a meeting of the company, of giving notice of intention to submit a resolution to a meeting and of attending and voting, appointing a proxy and exercising the other privileges of a member at any meeting held after the expiration of 48 hours from the time of deposit, as if his or her name were inserted in the register as the holder of the shares included in the deposited share warrant, provided that in the case of a share warrant deposited elsewhere than at any office of the company the depositor shall have obtained from the person with whom the same is deposited a certificate of such deposit in such form as the board may require specifying, inter alia, the share warrants and the number of shares included therein, and shall have lodged the same at such first-mentioned place not less than 48 hours before the time of the meeting at which the depositor desires to attend or to be represented. Not more than one person shall be recognised as a depositor of any share warrant. Every share warrant which shall have been so deposited as aforesaid shall remain so deposited until after the closing of the meeting at which the depositor desires to attend or to be represented.
- (f) Subject to any conditions for the time being in force relating to share warrants and as otherwise expressly provided in these articles, no person shall, as bearer of a share warrant, be entitled to sign a requisition for calling a meeting of the company or give notice of intention to submit a resolution to a meeting or attend or vote or appoint a proxy or exercise any other privilege of a member at a meeting of the company, or be entitled to receive any notices from the company, but the bearer of a share warrant shall be entitled in all other respects to the same privileges and advantages, and shall be subject to the provisions of these articles, as if he or she were named in the register as the holder of the shares included in the share warrant, and he or she shall be deemed to be a member of the company.

### **C. CERTIFICATES**

#### **Form of share certificates and method of execution**

16. Every share certificate shall be issued in hard copy form under the seal or the securities seal (or, in the case of shares on an overseas branch register, an official seal for use in the relevant territory) or signed (whether personally or otherwise and including by facsimile signature, howsoever applied) by a director and the secretary or by two directors. Each certificate shall specify the number and class of shares to which it relates, the amount paid up thereon and the distinguishing numbers (if any) of the shares to which it relates. No certificate shall be issued representing shares of more than one class.



### **Entitlement to receive share certificates**

17.

- (a) Subject to the provisions of article 18, every person whose name is entered as a member in the register (except a recognised clearing house or a nominee of a recognised clearing house or of a recognised investment exchange or any other person in respect of whom the company is not by law required to complete and have ready for delivery a certificate) shall be entitled without payment to one certificate for all the shares of any one class registered in his or her name. The hard copy of any certificate or certificates to which any person is entitled hereunder shall (unless the terms of issue of the relevant shares otherwise provide) be delivered:
  - (i) in the case of issue, within one month after allotment; or
  - (ii) in the case of a transfer of shares (whether fully or partly paid), within one month after lodgment of the relevant instrument of transfer.

Delivery of a certificate to the broker or agent acting in regard to the purchase or transfer of shares to which it relates shall be sufficient delivery to the purchaser or the transferee as the case may be. Every certificate despatched by the company shall be sent at the risk of the person entitled thereto.

- (b) If and so long as all the issued shares, or all the issued shares of a particular class, in the capital of the company are fully paid up and rank pari passu for all purposes, none of those shares shall bear a distinguishing number. In all other cases each share which is not fully paid up shall bear a distinguishing number.

### **Maximum number of joint holders**

18. The company shall not be bound to register more than four persons as the joint holders of any share or shares (except in the case of executors or trustees of a member) and in the case of a share held jointly by several persons the company shall not be bound to issue more than one certificate therefor and delivery of a certificate to one of joint holders shall be sufficient delivery to all.

**Balance share certificates**

19. Where a member has transferred some only of the shares comprised in a share certificate, the old certificate shall be cancelled and a new certificate for the balance of such shares shall be issued in lieu without charge.

**Issue of replacement share certificates**

- 20.
- (a) Any two or more certificates representing shares of any one class held by any member may at such member's request be cancelled and a single new certificate for such shares issued in lieu subject, if the board so requires, to payment of the reasonable out of pocket expenses of the company in providing the same.
  - (b) If any member shall surrender for cancellation a share certificate in hard copy form representing shares held by him or her and request the company to issue in lieu two or more share certificates representing such shares in such proportions as he or she may specify, the board may, if it thinks fit, comply with such request upon payment of the reasonable out of pocket expenses of the company in providing the same.
  - (c) If a share certificate shall be damaged, defaced, worn out or alleged to have been lost, stolen or destroyed, a new certificate representing the same shares may be issued to the holder upon request subject, unless the board otherwise agrees, to delivery up of the old certificate or (if it shall be alleged to have been lost, stolen or destroyed) compliance with such conditions as to evidence and indemnity (if any) and the payment of any exceptional out of pocket expenses of the company in connection with the request as the board may think fit but without any further or other charge.
  - (d) In the case of shares held jointly by several persons any such request may be made by any one of the joint holders.

**Uncertificated shares**

- 21.
- (a) The company may issue shares of any class, permitted to be held and transferred through a relevant system in uncertificated form, in which case the company shall not issue and no person shall be entitled to receive a certificate in respect of any share at any time and for so long as the title to that share is evidenced otherwise than by a certificate and transfers may be made otherwise than by a written instrument by virtue of the Regulations. Nothing in these articles shall require title to any shares to be evidenced by a certificate if the statutes and the Financial Services Authority permit otherwise.

- (b) Subject to the statutes and the rules of the Financial Services Authority, the board without further consultation with the holders of any shares may resolve that any shares from time to time in issue or to be issued may be in uncertificated form and no provision of these articles will apply to any uncertificated shares of the company to the extent they are inconsistent with the holding of such shares in uncertificated form or the transfer of title to any such shares by means of a relevant system.
- (c) The board shall have power to implement any arrangements as it may, in its absolute discretion, think fit in relation to the evidencing of title to and transfer of shares held in uncertificated form (subject always to the Regulations and the facilities and requirements of the relevant system).
- (d) Conversion of shares held in certificated form into shares held in uncertificated form and vice versa, may be made in such manner as the board may, in its absolute discretion, think fit (subject always to the Regulations and the facilities and requirements of the relevant system).
- (e) The company shall enter on the register how many shares are held by each member in uncertificated form and in certificated form and shall maintain the register in each case as is required by the Regulations and the relevant system.
- (f) Notwithstanding any provision of these articles, a class of share shall not be treated as two classes by virtue only of that class comprising both shares in certificated and uncertificated form or as a result of any provision of these articles or the Regulations which apply only in respect of shares in certificated or uncertificated form.
- (g) To the extent that any provision in these articles is inconsistent in any respect with the terms of the Regulations in relation to any uncertificated shares, such provision shall not apply thereto and the Regulations shall be given effect thereto in accordance with their terms.
- (h) Any provisions of these articles relating to certificates shall not apply to shares in uncertificated form.

## **D. CALLS ON SHARES**

### **Board may make calls**

22. Subject to the provisions of these articles and to the terms of allotment thereof, the board may from time to time make calls upon the members in respect of any moneys unpaid on their shares and each member shall (subject to receiving at least 14 days' notice in writing specifying the time or times and place of payment) pay to the company at the time or times and place so specified the amount called on his or her shares. A call may at any time before receipt by the company of a sum due thereunder be revoked in whole or in part, and payment of a call may in whole or in part be postponed, as the board may determine. A person upon whom a call is made shall remain liable for calls made upon him or her notwithstanding the subsequent transfer of the shares in respect of which the call was made.

### **When a call is deemed to be made**

23. A call shall be deemed to have been made at the time when the resolution of the board authorising the call was passed and may be required to be paid by instalments.

### **Liabilities of joint holders**

24. The joint holders of a share shall be jointly and severally liable to pay all calls, instalments, interest and other monies payable in respect thereof.

### **Interest on unpaid calls**

25. If a sum called in respect of any share or any money payable on a share under the terms of allotment is not paid before or on the day appointed for payment thereof, the person from whom the sum is due shall pay interest on the sum from the day appointed for payment thereof to the time of actual payment at such rate (not exceeding 20 per cent. per annum) as the board may determine and interest at that rate shall be payable after as well as before any order of a court. Such person shall also pay all costs, charges and expenses which the company may have incurred or become liable for in seeking payment of, or in consequence of such non-payment of, such call or instalment, but the board shall be at liberty to waive payment of such interest, costs, charges and expenses wholly or in part.

### **Sums payable on allotment or at any fixed time deemed to be a call**

26. Any sum or non-cash consideration which by the terms of allotment of a share or pursuant to the statutes is or becomes due upon allotment or at any fixed date thereafter whether on account of the nominal amount of the share or by way of premium shall for all the purposes of these articles be deemed to be a call duly made and due on the date on which, by the terms of allotment or pursuant to the statutes, the same becomes due. In the case of non-payment, all the relevant provisions of these articles as to payment of interest, costs, charges and expenses, forfeiture or otherwise shall apply as if such sum had become due by virtue of a call duly made and notified.

**Board's power to differentiate regarding calls**

27. The board may on the issue of shares differentiate between the shares issued as to the amount of calls to be paid and the times of payment.

**Payment for shares in advance of calls**

28. The board may, if it thinks fit, receive from any member willing to advance the same all or any part of the money unpaid upon the shares held by such member beyond the sums actually called up thereon as a payment in advance of calls, and such payment in advance of calls shall to that extent extinguish the liability on the shares in respect of which it is advanced. The company may (but shall not be obliged to) pay interest upon the money so received (until and to the extent that such sum would but for such advance become payable) at such rate as the member paying such sum and the board agree upon.

**E. FORFEITURE AND LIEN****Service of notice requiring payment of unpaid calls**

29. If a member fails to pay in full any call or instalment of a call before or on the day appointed for payment thereof, the board may at any time thereafter serve a notice in writing on such member (or on the person becoming entitled to the share by transmission on death or bankruptcy or otherwise by operation of law) requiring payment of so much of the call or instalment as is unpaid, together with any interest which may have accrued and any costs, charges and expenses incurred by the company by reason of such non-payment.

**Contents of notice requiring payment of unpaid calls**

30. The notice shall name a further day (not earlier than 14 days from the date of service thereof) on or before which, and the place where, the payment required by the notice is to be made, and shall state that in the event of non-payment at or before the time and at the place appointed the shares on which the call was made or instalment is payable will be liable to be forfeited.

**Forfeiture of shares**

31. If the requirements of any such notice as aforesaid are not complied with, any share in respect of which such notice has been given may at any time thereafter, before payment of all amounts specified in such notice as being due has been received by the company, be forfeited by a resolution of the board to that effect. Such forfeiture shall include all dividends declared on the forfeited share and not actually paid before the forfeiture and any dividends on such share which may have been declared and paid but which have not been claimed by the payee at the date of the resolution of the board by

which such share is forfeited. The board may accept the surrender of any share liable to be forfeited hereunder and in such case references in these articles to forfeiture shall include surrender.

#### **Service of notice of forfeiture**

32. When any share has been forfeited, notice in writing of the forfeiture shall be served upon the person who was before the forfeiture the holder of that share (or the person entitled thereto by transmission as aforesaid) and an entry of such notice having been given, and of the forfeiture, with the date thereof, shall be made forthwith in the register opposite the entry in respect of the share; but no forfeiture shall be in any manner invalidated by any omission or neglect to give such notice or make such entry as aforesaid.

#### **Forfeited shares to become the company's property**

33. Upon being forfeited a share shall become the property of the company and at any time thereafter may be sold, re-allotted (subject to the provisions of these articles) or otherwise disposed of, either to the person who was before forfeiture the holder thereof or entitled thereto, or to any other person, upon such terms and in such manner as the board shall think fit including the remission of the whole or any part of the interest made payable by article 25. At any time before such a sale, re-allotment or disposal the forfeiture may be annulled or cancelled on such terms as the board thinks fit. The board may, if necessary, authorise some person to transfer a forfeited share to any person as aforesaid.

#### **Former holder of forfeited shares remains liable for unpaid calls**

34. A person whose shares have been forfeited shall cease to be a member in respect of the forfeited shares but shall notwithstanding the forfeiture remain liable to pay to the company all moneys which at the date of forfeiture were presently payable by him or her to the company in respect of the shares, with interest thereon at such rate (not exceeding 20 per cent, per annum) as the board may determine, from the date of forfeiture until payment (after as well as before any order of court), but the board may waive payment of such interest either wholly or in part and the board may enforce payment without any allowance for the value of the shares at the time of forfeiture or for any consideration received on their disposal.

#### **Company's lien on partly paid shares**

35. The company shall have a first and paramount lien on every share (not being a fully paid share) for all moneys (whether presently payable or not) payable at a fixed time or called in respect of that share. The company shall also have a first and paramount lien on all shares (other than fully paid shares) standing registered in the name of a single member for all the debts and liabilities of such member or his or her estate to the company. Such liens shall apply whether before or after notice is given to the company of any equitable or other interest of any person other than the holder or holders of such share, whether the time for payment or discharge of the same shall have arrived or not and notwithstanding that the same are joint debts or liabilities of

such holder or his or her estate and any other person whether a member of the company or not; but the board at any time may waive any lien which has arisen and may resolve that any share shall be (or be issued on terms that it is) wholly or in part exempt from the provisions of this article. The company's lien, if any, on a share shall extend to all dividends or other moneys payable thereon or in respect thereof.

#### **Enforcement of lien by sale and application of proceeds of sale**

36.

- (a) The company may sell, in such manner as the board thinks fit, all or any of the shares on which the company has a lien, but no sale shall be made unless some sum in respect of which the lien exists is presently payable, nor until the expiration of 14 days after a notice in writing stating and demanding payment of the sum presently payable, and giving notice of intention to sell in default, shall have been given to the holder for the time being of the shares or the person entitled to the shares by reason of the death or bankruptcy of such holder or otherwise by operation of law.
- (b) The net proceeds of such sale, after payment of the costs thereof, shall be applied in or towards payment or satisfaction of the debt or liability in respect whereof the lien exists, so far as the same is presently payable, and any residue shall (subject to a like lien for debts or liabilities not presently payable as existed upon the shares prior to the sale) be paid to the person entitled to the shares at the time of the sale. For giving effect to any such sale the board may authorise some person to transfer the shares sold to the purchaser.
- (c) To give effect to any such sale the board may authorise the conversion of shares to be sold which are in certificated form into uncertificated form, and vice versa (so far as is consistent with the Regulations and the facilities and requirements of the relevant system), and, in respect of shares in certificated form, to execute an instrument of transfer of the shares sold or, in respect of shares in uncertificated form, to make other arrangements consistent with the Regulations and the facilities and requirements of the relevant system for their transfer to, or in accordance with the directions of, the transferee.

#### **Statutory declaration as evidence of forfeiture or enforcement of lien**

37. A statutory declaration signed by the declarant stating that he or she is a director or the secretary of the company and that a share has been duly forfeited or sold to satisfy a lien of the company on a date stated in the declaration shall be conclusive evidence of the facts therein stated as against all persons claiming to be entitled to the share. Such declaration and the receipt of the company for the consideration (if any) given for the share on the sale, re-allotment or disposal thereof, (subject to the execution of an instrument of transfer if necessary and the delivery of a share certificate to a purchaser or

allottee thereof, of any share which is in certificated form, or the making of such other arrangements, consistent with the facilities and requirements of the relevant system, in relation to any share which is in uncertificated form) shall constitute a good title to the share and the person to whom the share is sold, re-allotted or disposed of shall be registered as the holder of the share and shall be discharged from all calls, interest and expenses (if any) in connection therewith made or incurred prior to such sale, reallocation or disposal and shall not be bound to see to the application of the consideration (if any) nor shall his or her title to the share be affected by any irregularity or invalidity in the proceedings in relation to the forfeiture, sale, reallocation or disposal of the share.

## **F. TRANSFER OF SHARES**

### **Transfers**

38.

- (a) Subject to the provisions of article 21 and paragraph (b) of this article, all transfer of shares shall be effected by transfer in writing in any usual or common form or in any other form which the board may approve.
- (b) All transfers of shares in uncertificated form shall be made in accordance with and be subject to the Regulations and the facilities and requirements of the relevant system and, subject thereto, in accordance with any arrangements made by the board pursuant to article 21. For the avoidance of doubt, nothing in these articles shall require shares to be transferred by a written instrument if the statutes provide otherwise and the directors shall be empowered to implement such arrangements as they consider fit in accordance with and subject to the statutes and the rules of the Financial Services Authority to evidence and regulate the transfer of title to shares in the company and to approve (or disapprove as the case may be) the registration of such transfers.

### **No registration fees payable**

39. No fee shall be charged on the registration of any instrument of transfer or probate, letters of administration, certificate of death or marriage, power of attorney, stop notice or other instrument relating to or affecting the title to any shares or otherwise for making any entry in the register affecting the title to any shares.

### **Execution of transfers**

40. The instrument of transfer of a share in certificated form shall be executed by or on behalf of the transferor, and the transferor shall be deemed to remain the holder of the share until the name of the transferee is entered in the register in respect thereof. In the case of a partly paid share the instrument of transfer in certificated form must also be executed by or on behalf of the transferee.



#### **Board's power to refuse to register transfers in certain cases**

41.

- (a) In addition to its powers under article 10, the board may, in its absolute discretion, decline to register any transfer of shares (not being fully paid shares) and, in respect of shares in uncertificated form, to the extent permitted by the Regulations.
- (b) In exceptional circumstances approved by the Financial Services Authority, approval of transfers of fully paid shares may be refused by the board.
- (c) If the board declines to register a transfer of any shares, it shall, in respect of shares in certificated form, send to the transferee notice in writing of the refusal together with its reasons for refusal, as soon as practicable and in any event within two months after the date on which the transfer was lodged with the company, or, in respect of shares in uncertificated form, it shall send to the transferee notice of refusal together with its reasons for refusal, as soon as practicable and in any event within two months after the operator-instruction was received by the company or by a sponsoring system participator acting on its behalf.

#### **General conditions as to transfer**

42. Subject to the provisions of article 21, the board may also decline to register any instrument of transfer in respect of a share or shares in certificated form, unless the instrument of transfer:
- (a) is duly stamped (if required by law) and is deposited at the transfer office or such other place as the board may prescribe and is accompanied by the certificate for the shares to which it relates and such other evidence (if any) as the board may reasonably require to show the right of the transferor to make the transfer (and if the instrument of transfer is executed by some other person on the transferor's behalf the authority of that person so to do); and
  - (b) is in respect of one class of share only; and
  - (c) is in favour of not more than four transferees (except in the case of executors or trustees of a member).

In the case of an instrument of transfer executed by a recognised clearing house or a nominee of a recognised clearing house or of a recognised investment exchange the lodgment of a certificate for the shares being transferred or other evidence as aforesaid will not be required unless and to the extent that certificates have been issued in respect of the shares in question.

**Temporary suspension of the registration of transfers**

43. Subject to the statutes, the registration of transfers of shares or of any class of shares in the capital of the company may be suspended at such times and for such periods as the board may from time to time determine provided always that such registration shall not be suspended for more than 30 days in any calendar year.

**Company to retain transfers and power of company to destroy transfers and related documents**

- 44.
- (a) Subject to paragraph (b), all instruments of transfer which are registered, and the certificates for the shares to which they relate, shall be retained by the company, but any instrument of transfer which the board may decline to register shall (except in any case of fraud or suspected fraud) be returned with any accompanying certificate to the person presenting the same.
  - (b) Subject as hereinafter provided, the company shall be entitled to destroy:
    - (i) all instruments of transfer of shares which have been registered at any time after the expiration of six years from the date of registration thereof;
    - (ii) registered share certificates and dividend mandates which have been cancelled or ceased to have effect at any time after the expiration of three years from the date of such cancellation or cessation;
    - (iii) all notifications of change of name or address after the expiration of three years from the date of recording thereof;
    - (iv) any other document on the basis of which any entry in the register is made at any time after the expiration of six years from the date when the first entry in the register was made in respect of it;
    - (v) all paid dividend warrants and cheques at any time after the expiration of one year from the date of actual payment thereof; and

- (vi) all share warrants and coupons issued under article 15, at any time after the expiration of six years from the date of surrender thereof to the company; and it shall conclusively be presumed in favour of the company that every entry in the register purporting to have been made on the basis of an instrument of transfer or other document so destroyed was duly and properly made and that every instrument of transfer so destroyed was a valid and effective instrument duly and properly registered and that every share certificate, share warrant or coupon so destroyed was a valid and effective document duly and properly cancelled and that every other document so destroyed was a valid and effective document in accordance with the recorded particulars thereof in the books or records of the company provided that:
- (A) the provisions of this article shall apply only to the destruction of a document in good faith and without notice in writing to the company of any claim (regardless of the parties thereto) to which the document might be relevant;
  - (B) nothing herein contained shall be construed as imposing upon the company any liability in respect of the destruction of any such document earlier than as aforesaid or in any case where the conditions of proviso (A) above are not fulfilled; and
  - (C) references herein to the destruction of any document include references to the disposal thereof in any manner.

#### **Renunciation of allotment permitted**

45. The board may at any time after the allotment of any share but before any person has been entered in the register as the holder recognise a renunciation by the allottee in favour of some other person and may accord to any allottee of a share a right to effect such renunciation upon and subject to such terms and conditions as the board may think fit to impose. In this article “allottee” includes provisional allottee and any person in whose favour an allotment has been previously renounced.

### **G. TRANSMISSION OF SHARES**

#### **Surviving joint holders or personal representatives alone recognised upon death of a member**

46. In the event of the death of a member, the survivors or survivor where the deceased was a joint holder, or the legal personal representatives of the deceased where he or she was a sole or only surviving holder, shall be the only persons recognised by the company as having any title to his or her interest in the shares held by such member, but nothing contained in these articles shall release the estate of a deceased member from any liability in respect of any share jointly or solely held by such member.

#### **Person becoming entitled to share by operation of law may be registered**

47. Subject to the provisions of these articles, any person becoming entitled to a share in consequence of the death or bankruptcy of a member or otherwise by operation of law

may upon such evidence as to his or her title being produced in such form as may from time to time be reasonably required by the board (and in the case of shares in uncertificated form, subject to the facilities and requirements of the relevant system), and subject as hereinafter provided, elect either to be registered as holder of the share or to have some person nominated by him or her registered as the transferee thereof.

**Person electing to be registered required to notify the company**

48. If the person becoming entitled to a share shall elect to be registered under the provisions of article 47, he or she shall deliver or send to the company a notice in writing signed by him or her stating that he or she so elects. If he or she shall elect to have another person registered, he or she shall testify such election by, in respect of shares in certificated form, executing a transfer to such person of such share or, in respect of shares in uncertificated form, making such other arrangements as are consistent with the Regulations and the facilities and requirements of the relevant system for their transfer to such person. All the limitations, restrictions and provisions of these articles relating to the right to transfer and the registration of transfers of shares shall be applicable to any such notice or transfer as aforesaid as if the death or bankruptcy of the member or other event had not occurred and the notice or transfer were a transfer signed by such member.

**Rights of persons entitled to a share by transmission**

49. Save as otherwise provided by or in accordance with these articles, a person becoming entitled to a share in consequence of the death or bankruptcy of a member or otherwise by operation of law shall (upon supplying to the company such evidence as the board may reasonably require to show his or her title to the share) be entitled to receive, and may give a good discharge for, any dividends and other moneys payable in respect thereof as if he or she were the registered holder thereof; such person shall also be entitled to all other advantages to which he or she would be entitled if he or she were the registered holder of the share, except that he or she shall not, before being registered as a member in respect of the share, be entitled in respect of it to receive notice of or to attend or vote at meetings of the company or to exercise any rights conferred by membership in relation to meetings of the company; provided that the board may at any time give notice requiring any such person to elect either to be registered or to transfer the share and, if the notice is not complied with within such period (being not less than 42 days) as the board may fix, the company may thereafter:
- (a) withhold payment of all dividends and other moneys payable in respect of the share (but any such action shall not constitute the company a trustee in respect of any such dividends or other moneys) and suspend any other advantages to which such person would otherwise be entitled in respect of the share until the requirements of the notice have been complied with; and/or

- (b) sell the share at the best price reasonably obtainable in such manner as the board thinks fit and, subject to the provisions of these articles generally, the provisions of article 50(b) shall apply to such sale.

## **H. UNTRACED SHAREHOLDERS**

### **Company's power to sell shares**

50.

- (a) The company shall be entitled to sell in such manner as the board thinks fit at the best price reasonably obtainable the shares of a member, or the shares to which a person is entitled by transmission in consequence of the death or bankruptcy of the member or otherwise by operation of law, if and provided that:
  - (i) during the period of 12 years prior to the date of the publication of the advertisement referred to in sub-paragraph (ii) (or, if published on different dates, the earlier thereof) at least three dividends (whether interim or final) in respect of the relevant shares have become payable and no such dividend has been claimed; and
  - (ii) the company shall have published the advertisement referred to in sub-paragraph (i), both in a national newspaper circulating in the United Kingdom and in a newspaper circulating in the area of the address appearing against the shareholder's name in the register or in the area of such other address as such member or the person so entitled by transmission shall have instructed the company to pay dividends, giving notice of its intention to sell the said shares; and
  - (iii) during the said period of 12 years and the period of three months following the publication of such advertisement and prior to the exercise of the power of sale, the company shall have received no communication from such shareholder or other person entitled by transmission as aforesaid to such shares; and
  - (iv) notice in writing shall have been given to the Financial Services Authority of its intention so to sell the shares.
- (b) To give effect to any sale to be made pursuant to the provisions of this article or of article 49, the board may appoint any person to execute as transferor an instrument of transfer of such shares or any of them and such instrument of transfer shall be as effective as if it had been executed by the holder of, or

person so entitled by transmission to such share. The board may authorise the conversion of shares to be sold which are in certificated form into uncertificated form, and vice versa (so far as is consistent with the Regulations and the facilities and requirements of the relevant system for their transfer to, or in accordance with, the directions of, the transferee. The transferee shall not be bound to see to the application of the purchase monies nor shall his title to the shares be affected by any irregularity in or invalidity of the procedure or manner of the sale. The company shall account to the holder of, or other person so entitled to, such shares for the net proceeds of such sale, subject to a demand to account therefor being received by the company within 12 years of the date of such sale, and the company shall be deemed to be his or her debtor, and not a trustee for him or her, in respect of the same. Any moneys not accounted for to the holder of, or other person so entitled to, such shares shall be carried to a separate account. Moneys carried to such separate account may either be employed in the business of the company or invested in such investments as the board may from time to time think fit and any profits made thereby and interest or other income earned thereon shall belong to the company which shall have no obligation to account therefore to the holder of, or other person so entitled to, such shares.

## I. ALTERATIONS OF CAPITAL

### **Increase, consolidation, sub-division, cancellation and reduction**

51. The company may by ordinary resolution:

- (a) increase its share capital by such sum to be divided into shares of such nominal amounts, and denominated in such currency or currencies, as the resolution shall prescribe; and/or
- (b) consolidate and divide all or any of its share capital into shares of larger nominal amount than its existing shares; and/or
- (c) subject to the provisions of the statutes, sub-divide all or any of its share capital into shares of smaller nominal amount, and so that the resolution whereby any share is sub-divided may determine that, as between the holders of the shares resulting from such sub-division, one or more of the shares may have any such preferred or other special rights over, or may have such deferred rights, or be subject to any such restrictions as compared with the others, as the company has power to attach to shares upon the allotment thereof; and/or

- (d) cancel any shares which, at the date of the passing of the resolution, have not been subscribed or agreed to be subscribed by any person, and diminish the amount of its share capital by the amount of the shares so cancelled;

and may by special resolution:

- (e) reduce its share capital or any capital redemption reserve or any share premium account or any other undistributable reserve in any manner authorised by the statutes.

#### **Treatment of any fractional entitlements arising on consolidation**

52.

- (a) Upon any consolidation of fully paid shares into shares of larger nominal amount the board may settle any difficulty which may arise with regard thereto as it thinks fit and in particular (but without prejudice to the generality of the foregoing) may as between the holders of shares so consolidated determine which shares are consolidated into each consolidated share and in the case of any shares registered in the name of one holder (or joint holders) being consolidated with shares registered in the name of another holder (or other joint holders) may make such arrangements for the allocation, acceptance or sale of the consolidated share or any fractions thereof and for the distribution to the member entitled thereto of any moneys received in respect thereof as may be thought fit and for the purpose of giving effect thereto may appoint some person to transfer the consolidated share or any fractions thereof and to receive the purchase price therefor and any transfer executed in pursuance thereof shall be effective and after such transfer has been registered no person shall be entitled to question its validity.
- (b) Notwithstanding the provisions of paragraph (a) above, for the purpose of giving effect to the sale of the consolidated share or fractions thereof arising on consolidation, the board may convert such shares which are in certificated form into uncertificated form and vice versa and, in respect of shares in certificated form, authorise some person to execute an instrument of transfer of the shares or, in respect of shares in uncertificated form, make other arrangements consistent with the facilities and requirements of the relevant system for their transfer to, or in accordance with the directions of, the purchaser.

### **III. GENERAL MEETINGS**

#### **A. MEETINGS AND NOTICES**

##### **Annual general meeting**

53. The company shall in each year hold a general meeting as its annual general meeting in addition to any other meetings in that year and shall specify the meeting as such in the notice calling it. Not more than 15 months shall elapse between the date of one annual general meeting of the company and the next. The annual general meeting shall be held at such time and place as the board shall determine.

##### **General meetings convened by the board**

54. The board may convene a general meeting whenever it thinks fit and at such time and place as it shall determine, and general meetings shall be convened by the board on requisition in accordance with the statutes.

##### **Length of notice**

55. In the case of an annual general meeting not less than 21 clear days' notice, and in any other case not less than 14 clear days' notice, specifying the place, the day and the hour of meeting, whether the meeting is an annual general meeting or other general meeting, and the general nature of the business to be transacted shall be given in writing to all members (other than those who under the provisions of these articles or the conditions attaching to the shares held by them are not entitled to receive the notice) and to the auditors for the time being of the company and to every other person who by virtue of the statutes or these articles is entitled to receive notices of meetings of the company. In the case of a general meeting convened for the purpose of considering the passing of a special resolution, the notice shall specify the intention to propose the resolution as a special resolution.

##### **Notice to state right of member to appoint a proxy**

56. In every notice calling a general meeting of the company there shall appear with reasonable prominence a statement that a member entitled to attend and vote is entitled to appoint one or more proxies to attend, speak and vote instead of such member and that a proxy need not be a member.

##### **Notice to be given of members' resolutions upon requisition**

57. The board shall on the requisition of members in accordance with the provisions of the statutes, but subject as therein provided:
- (a) give to the members entitled to receive notice of the next annual general meeting notice of any resolution which may properly be moved and is intended to be moved at that meeting; and
  - (b) circulate to the members entitled to receive notice of any general meeting, any statement of not more than 1,000 words with respect to the matter referred to in any proposed resolution or the business to be dealt with at that meeting.



**Accidental failure or non-receipt of notice**

58. The accidental failure to give notice of a general meeting or to send, supply or make available any document or information relating to the meeting (including, but not limited to, members' statements) or the non-receipt of any such notice, document or information, by any person entitled to receive any such notice, document or information, shall not invalidate the proceedings at that meeting or the adjournment thereof.

**B. PROCEEDINGS AT GENERAL MEETINGS**

**Quorum**

59. No business shall be transacted at any general meeting unless a quorum is present at the time when the meeting proceeds to business. Save as in these articles otherwise provided, five qualifying persons present and entitled to vote shall be a quorum for all purposes.

**Overflow meetings and other arrangements**

- 60.
- (a)
    - (i) In the case of any general meeting the board or the chairman of the meeting may, notwithstanding the notice specifying the place of the general meeting (the "principal place"), make arrangements for simultaneous attendance at and participation in (including by way of video link) the general meeting at some other place or places by members and proxies entitled to attend the general meeting but excluded from the principal place under the provisions of this article.
    - (ii) Such arrangements shall be designed:
      - (A) to operate so that it is practicable for any members and proxies excluded from attendance at the principal place to attend at one of the other said places; and
      - (B) to afford to members and proxies entitled to attend the meeting an opportunity of being admitted to the principal place, whether by means of the issue of tickets or the imposition of some random means of selection or otherwise as the board or the chairman of the meeting shall in its or his or her absolute discretion consider to be appropriate, and the board or the chairman of the meeting may from time to time vary any such arrangements or make new arrangements

in their place and the entitlement of any member or proxy to attend a general meeting at the principal place shall be subject to such arrangements as may be for the time being in force whether or not stated in the notice of the meeting.

- (iii) For the purpose of all other provisions of these articles any such meeting shall be treated as being held and taking place at the principal place.
- (b) The board or the chairman of the meeting may make any arrangement or impose any restriction or take any action it or he or she considers appropriate for the safety or proper and orderly conduct of a general meeting and for the promotion of the business of such meeting and such arrangement may include, without limitation, searching a person and his or her property and restricting the items to be taken into the meeting place. The board or the chairman of the meeting may refuse entry to (or arrange the removal from) a meeting to or of a person who refuses to comply in whole or in part with such arrangements or restrictions or actions.

#### **Adjournment or dissolution for lack of quorum**

- 61. If within 15 minutes from the time appointed for a general meeting a quorum is not present the meeting, if convened on the requisition of members, shall be dissolved. In any other case it shall stand adjourned to the same day in the next week, at the same time and place, or to such later day and at such time and place as the board or the chairman of the meeting may determine and, if at such adjourned meeting a quorum is not present within 15 minutes from the time appointed for holding the meeting, at least two qualifying persons present shall be a quorum.

#### **Chairman of the meeting**

- 62. The chairman shall be entitled to preside at every general meeting, but if there be no chairman, or if at any meeting the chairman shall not be present within 15 minutes after the time appointed for holding such meeting and willing to preside, the deputy chairman, or if there shall be more than one deputy chairman and more than one be present, then one of such deputy chairmen, selected by agreement between them or in default of agreement by lot, shall be entitled to preside, and if neither the chairman nor any deputy chairman shall be present within 15 minutes as aforesaid and willing to preside, the vice-chairman shall be entitled to preside, or if there shall be more than one vice-chairman and more than one be present, then one of such vice-chairmen, selected by agreement between them or in default of agreement by lot, shall be entitled to preside, and if there be no such chairman, deputy chairman or vice-chairman or if none of them shall be present within 15 minutes as aforesaid and willing to preside, the members present and entitled to vote shall choose another director as chairman of the meeting, or if one director only be present he or she shall preside if willing to do so. If no director is present or if all the directors present decline to take the chair, then the members present and entitled to vote shall choose one of their number to act as chairman of the meeting.

**Adjournment for other reasons**

63. The chairman of the meeting may at any time without the consent of the meeting adjourn any general meeting at which a quorum is present either sine die or to another time and at such place as he or she shall determine where it appears to him or her that (a) the members wishing to attend cannot be conveniently accommodated in the place appointed for the meeting, (b) the conduct of persons present prevents or is likely to prevent the orderly conduct of business or (c) an adjournment is otherwise necessary so that the business of the meeting may be properly conducted. In addition, the chairman of the meeting may at any time with the consent of any general meeting at which a quorum is present adjourn the meeting either sine die or to another time and at the same or a different place. When a meeting is adjourned sine die the time and place for any adjourned meeting shall be fixed by the board. No business shall be transacted at any adjourned meeting except business which might lawfully have been transacted at the meeting from which the adjournment took place.

**Notice of adjourned meeting**

64. When a meeting is adjourned for 14 days or more, not less than seven clear days' notice of the adjourned meeting shall be given. Such notice may be given by advertisement published on the same date in at least two leading daily newspapers in the United Kingdom and such notice shall be deemed to have been served at noon on the day when the advertisement appears. Save as aforesaid, it shall not be necessary to give any notice of an adjournment or of the business to be transacted at an adjourned meeting.

**Chairman's decision final on procedural matters**

65. The decision of the chairman of the meeting, made in good faith, on matters of procedure or arising incidentally from the business of the meeting shall be final as shall be his or her decision, acting in good faith, whether any matter is of such a nature.

**Amendments to resolutions**

66. If an amendment shall be proposed to any resolution under consideration but shall be ruled out of order by the chairman of the meeting, the proceedings on the substantive resolution shall not be invalidated by any error in the ruling. In the case of a resolution duly proposed as a special resolution, no amendment thereto (other than a mere clerical amendment to correct a manifest error) may in any event be considered or voted upon. In the case of a resolution duly proposed as an ordinary resolution, no amendment thereto (other than a mere clerical amendment to correct a manifest error) may be considered or voted upon unless notice of such proposed amendment is given to the office at least 48 hours prior to the time appointed for holding the relevant meeting or adjourned meeting or (in the absence of any such notice) the chairman of the meeting in his or her absolute discretion rules that the amendment is fit for consideration at the meeting.

**Resolution decided by show of hands or poll**

67. At any general meeting a resolution put to the vote of the meeting shall be decided on a show of hands unless before or upon the declaration of the result of the show of hands a poll is demanded by:
- (a) the chairman of the meeting; or
  - (b) at least five members entitled to vote on the resolution; or
  - (c) a member or members entitled to vote on the resolution at the meeting and representing not less than one-fiftieth of the total voting rights of all the members having the right to vote at the meeting; or
  - (d) a member or members holding shares conferring a right to vote on the resolution being shares on which an aggregate sum has been paid up equal to not less than one-fiftieth of the total sum paid up on all the shares conferring that right.

For the purposes of (b) above, a demand by a proxy counts as a demand by the member. For the purposes of (c) above, a demand by a proxy counts as a demand by a member representing the voting rights that the proxy is authorised to exercise. For the purposes of (d) above, a demand by a proxy counts as a demand by a member holding the shares to which those rights are attached.

Unless a poll is duly demanded (and the demand is not withdrawn), a declaration by the chairman of the meeting that a resolution has been carried, or carried unanimously or by a particular majority, or lost or not carried by a particular majority, or an entry to that effect in the minutes of the meeting, shall be conclusive evidence of that fact without proof of the number or proportion of the votes recorded for or against such resolution.

**Objections to votes and errors in counting votes etc.**

68. If any objection is raised to a person's entitlement to vote on a resolution or to the counting of, or failure to count, any votes or if any votes shall be counted which ought not to have been counted or might have been rejected or if any votes shall not be counted which ought to have been counted, the objection or error shall not vitiate the resolution unless it be raised or pointed out at the same meeting and it shall in the opinion of the chairman of the meeting be of sufficient magnitude to vitiate the result of the voting. The decision of the chairman of the meeting on such matters shall be final and conclusive.

**Manner of and place for taking a poll**

69. Subject to article 71, if a poll is duly demanded it shall be taken in such manner (including the use of ballot or voting papers or tickets) and at such place and at such time as the chairman of the meeting may direct and the chairman of the meeting may appoint scrutineers (who need not be members). The result of a poll shall be deemed to be the resolution of the meeting at which the poll was demanded.

**Chairman's casting vote**

70. In the case of an equality of votes, whether on a show of hands or on a poll, the chairman of the meeting at which the show of hands takes place or at which the poll is demanded shall be entitled to a second or casting vote in addition to the vote or votes to which the chairman of the meeting may be entitled as a member or on behalf of any other member.

**When a poll has to be taken**

71. A poll on the election of a chairman of the meeting or on a question of adjournment shall if duly demanded be taken forthwith. A poll duly demanded on any other question shall be taken either forthwith or at such later time and place as the chairman of the meeting may direct not being more than 30 days from the date of the meeting at which the poll was demanded.

**Notice of a poll**

72. No notice need be given of a poll not taken forthwith if the time and place at which it is to be taken are announced at the meeting at which it is demanded. In any other case, at least seven clear days' notice shall be given specifying the time and place at which the poll is to be taken. Such notice may be given by advertisement published on the same date in at least two leading daily newspapers in the United Kingdom and such notice shall be deemed to have been served at noon on the day when the advertisement appears.

**Continuance of other business**

73. The demand for a poll shall not prevent the continuance of the meeting for the transaction of any business other than the question on which the poll has been demanded.

**Demand for a poll may be withdrawn**

74. A demand for a poll may, before the poll is taken, be withdrawn but only with the consent of the chairman of the meeting. If a demand for a poll is so withdrawn:
- (a) before the result of a show of hands is declared, the meeting shall continue as if the demand had not been made; or
  - (b) after the result of a show of hands is declared, the demand shall not be taken to have invalidated the result of that show of hands.

**Directors entitled to attend and speak at general meetings**

75. Each director (or, in the absence of a director, his or her alternate director, if any) shall be entitled to attend and speak at any meeting of the company.

**C. VOTES OF MEMBERS**

**Voting rights**

76. Subject to any special rights or restrictions as to voting attached to any shares by or in accordance with these articles or their terms of issue, on a show of hands every member who (being an individual) is present in person or by duly appointed proxy or (being a corporation) is present by a duly authorised representative at any meeting of the company and entitled to vote shall have one vote and on a poll every member present either personally or by proxy or (being a corporation) by duly authorised representative and entitled to vote shall have one vote for every share held by such member.

**Voting by joint holders**

77. In the case of joint holders of a share, any one of such holders may vote at any meeting of the company at which he is entitled to vote either in person or by proxy in respect thereof as if he or she were the sole holder thereof, but the vote of the senior who tenders a vote, whether in person or by proxy, shall be accepted to the exclusion of the votes of the other joint holders, and for this purpose seniority shall be determined by the order in which the names stand in the register in respect of the share.

**Voting on behalf of member incapable of managing own affairs**

78. A member entitled to vote at a meeting of the company and in respect of whom an order has been made by any competent court or official on the ground that such member is or may be suffering from mental disorder or is otherwise incapable of managing his or her own affairs may vote, whether on a show of hands or on a poll, by any person authorised in such circumstances to do so on his or her behalf and such person may on a poll vote by proxy, provided that evidence to the satisfaction of the board of the authority of the person claiming to exercise the right to vote shall have been delivered to the transfer office or at such other place within the United Kingdom as is specified in the notice convening the meeting not later than the last time by which an instrument of proxy had to be delivered in order to be valid for use at that meeting or on the holding of that poll, and in default the right to vote shall not be exercisable.

**Member need not cast his or her votes all in same way**

79. On a poll, a member entitled to more than one vote need not, if such member votes, use all his or her votes or cast all the votes he or she uses in the same way.

### **Execution of an instrument of proxy**

80. The instrument appointing a proxy shall be in writing signed by the appointor or the appointee's duly authorised agent or, if the appointor is a corporation, executed in accordance with Section 44 of the Companies Act 2006 or signed on its behalf by a duly authorised officer or agent. The board may, but shall not be bound to, require evidence of the authority of any such officer or agent. The signature on such instrument need not be witnessed. A proxy need not be a member. If more than one proxy is so appointed, the instrument appointing each such proxy shall specify the shares held by the member in respect of which each such proxy is to vote. If two or more valid but differing instruments of proxy are delivered in respect of the same share for use at the same meeting or poll, the one which is last received by the company (regardless of its date or of the date of its execution) shall be treated as replacing and revoking the others as regards such share and, if the board is unable to determine which was last received, none of them shall be treated as valid in respect of that share.

### **Appointment of proxy in electronic form**

- 80A. The board may, but is not obliged to, accept a proxy appointment in electronic form subject to any limitations, restrictions or conditions prescribed by the board from time to time. The appointment shall be sent to an address specified in the notice convening the meeting.

Notwithstanding the provisions of article 81, where the instrument (including in electronic form) is made pursuant to a power of attorney or other authority, the board may accept such evidence of the validity of such power as it thinks fit. If a proxy appointment is made in electronic form in compliance with the conditions prescribed by the board from time to time, any further requirement of these articles in relation to that proxy appointment shall apply subject to any modification prescribed by the board from time to time.

### **Deposit of instrument of proxy - duration of validity of instrument of proxy**

81.

- (a) The instrument appointing a proxy and the power of attorney or other authority (if any) under which it is executed, or a copy of such power or authority certified notarially or in some other way approved by the board, shall be delivered to the transfer office, or to such other address within the United Kingdom as is specified in the notice convening the meeting or in the instrument of proxy issued by the company in relation to that meeting, not less than 48 hours before the time appointed for holding the meeting or adjourned meeting at which the person named in the instrument proposes to vote or, in the case of a poll taken subsequently to the date of a meeting or adjourned meeting, not less than 24 hours before the time appointed for the taking of the poll, and in default the instrument of proxy shall not be treated as valid. An instrument of proxy relating to more than one meeting (including any adjournment thereof) having once been so delivered for the purposes of any meeting shall not, however, require again to be delivered in relation to any subsequent meeting to which it relates.

- (b) No instrument appointing a proxy shall be valid after the expiration of six months from the date named in it as the date of its execution, except at an adjourned meeting or on a poll demanded at a meeting or an adjourned meeting in cases where the meeting was originally held within six months from such date.
- (c) Delivery of an instrument appointing a proxy shall not preclude a member from attending and voting in person at the meeting or poll concerned, in which event the attendance of the member at the meeting or the poll shall forthwith revoke the authority of the proxy in relation to that meeting or poll.

#### **Instrument of proxy**

82.

- (a) An instrument of proxy may be in any usual or common form or in such other form as the board shall approve.
- (b) The instrument of proxy shall confer authority on the proxy, unless otherwise instructed in the instrument, to exercise all or any of the rights of the member who appointed him to attend, speak and vote (both on a show of hands and on a poll) on any resolution (including amendments to resolutions) or on other business arising at a meeting for which the instrument of proxy is valid. The instrument of proxy shall also be deemed to confer authority on the proxy to demand or join in demanding a poll (and for the purposes of article 67 a demand for a poll by a proxy shall be the same as a demand by the member who appointed the proxy). The instrument of proxy shall, unless the contrary is stated thereon, be valid as well for any adjournment of the meeting as for the meeting to which it relates.

#### **Board to send out instruments of proxy to all members**

83. The board shall send to the members entitled to be sent notice of a meeting and to vote thereat instruments of proxy (in the case of proxies sent in hard copy form, with or without stamped envelopes or other pre-paid or similar postal facilities for their return) for use at any meeting of the company, either in blank or nominating in the alternative to act as proxy any one or more of the directors or any other person. The accidental omission to send such an instrument to, or the non-receipt thereof by, any member entitled to attend and vote at a meeting shall not invalidate the proceedings of that meeting.



#### **Validity of acts of proxy and duly authorised representative**

84. A vote given or a poll demanded by a person duly appointed as a proxy or by a duly authorised representative of a corporation in accordance (in either case) with the terms of his or her appointment shall be valid notwithstanding the principal having previously ceased to have the right or ability to exercise the right to vote or the previous determination of the authority of the person voting or demanding a poll, provided that no intimation in writing of such cessation or determination shall have been received by the company at the transfer office (or at such other address within the United Kingdom as is specified in the notice convening the meeting or in the instrument of proxy issued by the company in relation to that meeting) at least 24 hours prior to the commencement of the meeting or adjourned meeting at which the instrument of proxy is used (or, in the case of a poll to be taken at an appointed time after the meeting, before such time).

### **D. CORPORATIONS ACTING BY REPRESENTATIVES**

#### **A corporate member may appoint a representative**

85. In accordance with the statutes, any corporation which is a member of the company entitled to attend a meeting of the company may, by authority given in accordance with Section 44 of the Companies Act 2006 or signed by a duly authorised officer, authorise such person or persons as it thinks fit to act as its representative or representatives at any such meeting. The secretary, any director or the board may (but is not bound to do so) require such evidence as he or she or it thinks fit of the authority of the representative to act.

## **IV. DIRECTORS**

### **A. NUMBER AND REMUNERATION OF DIRECTORS**

#### **Number of directors**

86. The number of directors (disregarding alternate directors) shall not be less than five.

#### **Directors' share qualification**

87. Each director (but not an alternate director) shall be required to hold an interest in ordinary shares having a nominal value of at least £500 unless restricted, for the time being, from acquiring or holding such interest by any law or regulation to which that director is subject or by any governmental authority or other relevant authority with relevant powers to which that director is subject, whether or not the requirement has the force of law (each of the above a "relevant restriction"). For this purpose "interest" means an interest which would fall to be notified to the company pursuant to the provisions of Section 820 of the Companies Act 2006 but excluding any interest held jointly with any other person. A director may act before acquiring his or her qualification, but unless already qualified he or she must acquire such qualification

within two months from his or her appointment (or, if he or she is restricted from acquiring such qualification during such two-month period by any relevant restriction, or share dealing code of the company or any other member of the group, as soon as reasonably practicable after such restriction(s) end).

#### **Directors' fees**

88. Each of the directors may be paid a fee at such rate as may from time to time be determined by the board provided that the aggregate of all fees so paid to directors shall not exceed £1,000,000 per annum or such higher amount as may from time to time be decided by ordinary resolution of the company. Such fees shall accrue from day to day and in the case of any director shall, unless and to the extent that the board otherwise determines, be independent of any remuneration to which such director may be entitled under any other provision of these articles or in respect of any other office or appointment under the company or any other company in which the company may be interested.

#### **Remuneration for extra services**

89. If any director shall devote to the business of the company or any other company in which the company may be interested either his or her whole time and attention, or more of his or her time and attention than in the opinion of the board would usually be so devoted by a person holding such office, or shall undertake or perform any duties or services other than those which, in the opinion of the board, would usually be undertaken or performed by a person holding such office, or shall be called upon to perform and shall perform extra services or make any special exertions for any of the purposes of the company or any other company in which the company may be interested, or shall serve on any committee, then and in any of such cases the board may remunerate the director concerned either by a fixed sum, annual or otherwise, or in such other manner (including, but without limitation, the payment of or arrangements for the purpose of providing any pension or other retirement allowance or gratuity) as shall be determined by the board, and such remuneration may at the discretion of the board be either in addition to or in substitution for all or any part of any other remuneration to which such director may be entitled under these articles.

#### **Reimbursement of expenses**

90. The board may repay to any director all such travelling, hotel and other expenses as he or she may properly incur in attending and returning from meetings of the board or of any committee of the board or meetings of the company or otherwise in or about the business of the company.

## **B. DIRECTORS' CONFLICTS/INTERESTS**

### **Directors' interests**

91.

#### **Directors' interests other than in relation to transactions or arrangements with the company - authorisation under section 175 of the Companies Act 2006**

- (a) The board may authorise any matter proposed to it which would, if not so authorised, involve a breach of duty by a director under section 175 of the Companies Act 2006.
- (b) Any authorisation under paragraph (a) will be effective only if:
  - (i) any requirement as to the quorum at the meeting at which the matter is considered is met without counting the director in question or any other director interested in the matter under consideration; and
  - (ii) the matter was agreed to without their voting or would have been agreed to if their votes had not been counted.
- (c) The board may give any authorisation under paragraph (a) upon such terms as it thinks fit. The board may vary or terminate any such authorisation at any time.
- (d) For the purposes of this article 91, a conflict of interest includes a conflict of interest and duty and a conflict of duties, and interest includes both direct and indirect interests.

#### **Confidential information and attendance at board meetings**

- (e) A director shall be under no duty to the company with respect to any information which he or she obtains or has obtained otherwise than as a director of the company and in respect of which he or she owes a duty of confidentiality to another person. In particular the director shall not be in breach of the general duties he or she owes to the company by virtue of sections 171 to 177 of the Companies Act 2006 because he or she:
  - (i) fails to disclose any such information to the board or to any director or other officer or employee of the company; and/or
  - (ii) does not use or apply any such information in performing his or her duties as a director of the company.However, to the extent that his or her relationship with that other person gives rise to a conflict of interest or possible conflict of interest, this paragraph (e) applies only if the existence of that relationship has been authorised by the board pursuant to paragraph (a).
- (f) Where the existence of a director's relationship with another person has been authorised by the board pursuant to paragraph (a) and his or her relationship with that person gives rise to a conflict of interest or possible conflict of interest, the director shall not be in breach of the general duties he or she owes to the company by virtue of sections 171 to 177 of the Companies Act 2006 because he or she:
  - (i) absents himself or herself from meetings of the board at which any matter relating to the conflict of interest or possible conflict of interest will or may be discussed or from the discussion of any such matter at a meeting or otherwise; and/or

- (ii) makes arrangements not to receive documents and information relating to any matter which gives rise to the conflict of interest or possible conflict of interest sent or supplied by the company,  
for so long as he or she reasonably believes such conflict of interest (or possible conflict of interest) subsists.
- (g) The provisions of paragraphs (e) and (f) are without prejudice to any equitable principle or rule of law which may excuse the director from:
  - (i) disclosing information, in circumstances where disclosure would otherwise be required under these articles; and/or
  - (ii) attending meetings or discussions or receiving documents and information as referred to in paragraph (f), in circumstances where such attendance or receiving such documents and information would otherwise be required under these articles.

**Declaration of interests in proposed or existing transactions or arrangements with the company**

- (h) A director who is in any way, directly or indirectly, interested in a proposed transaction or arrangement with the company shall declare the nature and extent of his or her interest to the other directors before the company enters into the transaction or arrangement.
- (i) A director who is in any way, directly or indirectly, interested in a transaction or arrangement that has been entered into by the company shall declare the nature and extent of his or her interest to the other directors as soon as is reasonably practicable, unless the interest has already been declared under paragraph (h) above.
- (j) Any declaration required by paragraph (h) or (i) must be made at a meeting of the directors or by notice in writing in accordance with section 184 of the Companies Act 2006 or by general notice in accordance with section 185 of the Companies Act 2006.

- (k) If a declaration made under paragraph (h) or (i) above proves to be, or becomes, inaccurate or incomplete, a further declaration must be made under paragraph (h) or (i), as appropriate.
- (l) A director need not declare an interest under this article 91:
  - (i) if it cannot reasonably be regarded as likely to give rise to a conflict of interest;
  - (ii) if, or to the extent that, the other directors are already aware of it (and for this purpose the other directors are treated as aware of anything of which they ought reasonably to be aware);
  - (iii) if, or to the extent that, it concerns terms of his or her service contract that have been or are to be considered by a meeting of the directors or by a committee of the directors appointed for the purpose under these articles; or
  - (iv) if the director is not aware of his or her interest or is not aware of the transaction or arrangement in question (and for this purpose a director is treated as being aware of matters of which he or she ought reasonably to be aware).

**Ability to enter into transactions and arrangements with the company notwithstanding interest**

- (m) Subject to the provisions of the Companies Act 1985 and the Companies Act 2006 and provided that he or she has declared to the board the nature and extent of any direct or indirect interest of his or hers in accordance with this article 91 or where paragraph (l) applies and no declaration of interest is required, a director notwithstanding his or her office:
  - (i) may be a party to, or otherwise be interested in, any transaction or arrangement with the company or in which the company is directly or indirectly interested;
  - (ii) may act by himself or herself or through his or her firm in a professional capacity for the company (otherwise than as auditor), and in any such case on such terms as to remuneration and otherwise as the board may decide; or
  - (iii) may be a director or other officer of, or employed by, or a party to any transaction or arrangement with, or otherwise be interested in, any body corporate in which the company is directly or indirectly interested.

### **Remuneration and benefits**

- (n) A director shall not, by reason of his or her office, be accountable to the company for any remuneration or other benefit which he or she derives from any office or employment or from any transaction or arrangement or from any interest in any body corporate:
- (i) the acceptance, entry into or existence of which has been authorised by the board pursuant to paragraph (a) (subject, in any such case, to any terms upon which such authorisation was given); or
  - (ii) which he or she is permitted to hold or enter into by virtue of paragraph (m) or otherwise pursuant to these articles,

nor shall the receipt of any such remuneration or other benefit constitute a breach of his or her duty under section 176 of the Companies Act 2006. No transaction or arrangement authorised or permitted pursuant to paragraphs (a) or (m) or otherwise pursuant to these articles shall be liable to be avoided on the ground of any such interest or benefit.

### **General voting and quorum requirements**

- (o) Save as otherwise provided by these articles, a director shall not vote on or be counted in the quorum in relation to a resolution of the board or committee of the board concerning a matter in which he or she has a direct or indirect interest which is, to his or her knowledge, a material interest (otherwise than by virtue of an interest in shares or debentures or other securities of or otherwise in or through the company), but this prohibition does not apply to a resolution concerning any of the following matters:
- (i) the giving of a guarantee, security or indemnity in respect of money lent or obligations incurred by him or her or any other person at the request of or for the benefit of the company or any of its subsidiary undertakings;
  - (ii) the giving of a guarantee, security or indemnity in respect of a debt or obligation of the company or any of its subsidiary undertakings for which the director has assumed responsibility in whole or in part, either alone or jointly with others, under a guarantee or indemnity or by the giving of security;
  - (iii) a transaction or arrangement concerning an offer of shares, debentures or other securities of the company or any of its subsidiary undertakings for subscription or purchase, in which offer he or she is or may be entitled to participate as a holder of securities or in the underwriting or sub-underwriting of which he or she is to participate;
  - (iv) a transaction or arrangement to which the company is or is to be a party concerning another company (including a subsidiary undertaking of the company) in which he or she or any person connected with him or her is interested (directly or indirectly) whether as an officer, shareholder, creditor or otherwise (a “relevant company”), if he or she and any persons

connected with him or her do not to his or her knowledge hold an interest in shares (as that term is used in sections 820 to 825 of the Companies Act 2006) representing one per cent. or more of either any class of the equity share capital (excluding any shares of that class held as treasury shares) in the relevant company or of the voting rights available to members of the relevant company;

- (v) a transaction or arrangement for the benefit of the employees of the company or any of its subsidiary undertakings (including any pension fund or retirement, death or disability scheme and any employees' share scheme, being a scheme for encouraging or facilitating employees (including directors) of the company or any of its subsidiary undertakings to acquire shares, debentures or other securities of the company or any of its subsidiary undertakings) which does not award him or her a privilege or benefit not generally awarded to the employees to whom it relates; or
  - (vi) a transaction or arrangement concerning the purchase or maintenance of any insurance policy for the benefit of directors or for the benefit of persons including directors.
- (p) A director shall not vote on or be counted in the quorum in relation to a resolution of the board or committee of the board concerning his or her own appointment (including, without limitation, fixing or varying the terms of his or her appointment or its termination) as the holder of an office or place of profit with the company or any body corporate in which the company is directly or indirectly interested. Where proposals are under consideration concerning the appointment (including, without limitation, fixing or varying the terms of appointment or its termination) of two or more directors to offices or places of profit with the company or a body corporate in which the company is directly or indirectly interested, such proposals may be divided and a separate resolution considered in relation to each director. In that case, each of the directors concerned (if not otherwise debarred from voting under this article 91) is entitled to vote (and be counted in the quorum) in respect of each resolution except that concerning his or her own appointment.
- (q) The board may exercise or cause to be exercised the voting powers conferred on the company in relation to any other company in such manner in all respects as it thinks fit, including the exercise thereof in favour of any resolution appointing all or any members of the board as directors or other officers or employees of, or holders of any places of profit under, such other company, and voting or providing for the payment of remuneration to the directors or other officers or employees of such other company.

- (r) If a question arises at a meeting as to the materiality of a director's interest (other than the interest of the chairman of the meeting) or as to the entitlement of a director (other than the chairman) to vote or be counted in a quorum and the question is not resolved by his or her voluntarily agreeing to abstain from voting or being counted in the quorum, the question shall be referred to the chairman and his or her ruling in relation to the director concerned is conclusive and binding on all concerned.
- (s) If a question arises at a meeting as to the materiality of the interest of the chairman of the meeting or as to the entitlement of the chairman to vote or be counted in a quorum and the question is not resolved by his or her voluntarily agreeing to abstain from voting or being counted in the quorum, the question shall be decided by resolution of the directors or committee members present at the meeting (excluding the chairman) whose majority vote is conclusive and binding on all concerned.
- (t) For the purposes of this article 91, in relation to an alternate director, the interest of his or her appointor is treated as the interest of the alternate director in addition to any interest which the alternate director otherwise has. This article 91 applies to an alternate director as if he or she were a director otherwise appointed.

#### **Miscellaneous**

- (u) The company may by ordinary resolution suspend or relax the provisions of this article 91 to any extent. Subject to the Companies Act 1985 and the Companies Act 2006, the company may by ordinary resolution ratify any transaction or arrangement not properly authorised by reason of a contravention of this article 91.
- (v) The provisions of paragraphs (a) to (u) of this article 91 shall come into effect on the date upon which section 175 of the Companies Act 2006 comes into force, at which point the provisions of articles 91A to 95 shall cease to have effect and shall be removed from these articles, whereupon this paragraph (v) shall be removed from these articles. Until section 175 of the Companies Act 2006 comes into force, any reference in these articles to article 91 shall be construed as a reference to article 95.



**Director may hold other positions under and may act in professional capacity for the company**

91A.

- (a) A director may hold any office or place of profit under the company (other than the office of auditor to the company or to any other member of the group) in conjunction with his or her office of director upon such terms as the board may determine and may receive such remuneration in addition to any other remuneration receivable by the director as the board may think fit.
- (b) A director or any firm in which he or she is interested may act in a professional capacity for the company (otherwise than as auditor to the company or to any other member of the group) and the director or such firm shall be entitled to remuneration upon such terms as the board may think fit for such services as if he or she were not a director. In this article, "firm" includes any company.

**Director may hold positions with other companies**

92. A director may continue to be or become a director or other officer of, or employee or member of, or otherwise interested in, any other company in which the company may be interested, and (save as the board may otherwise determine) no such director shall be accountable for any remuneration or other benefits received by him or her as a director, officer, employee or member of or from his or her other interest in such other company. The board may exercise the voting powers conferred on the company in relation to any other company in such manner in all respects as it thinks fit, including the exercise thereof in favour of any resolution appointing all or any members of the board as directors or other officers or employees of, or holders of any places of profit under, such other company, and voting or providing for the payment of remuneration to the directors or other officers or employees of such other company.

**Director may be interested in any contract**

93. Subject as provided in the statutes and the requirements of the Financial Services Authority, no director or intending director shall be disqualified by his or her office from contracting with the company, or any other company in which the company may be interested, either with regard to such director's tenure of any such other office or place of profit or services as are referred to in article 91A or 92 or as customer, vendor, purchaser or in any other manner whatsoever, nor shall any such contract, or any contract, transaction or arrangement entered into by or on behalf of the company, or any other company in which the company is interested, in which the director is in any way, whether directly or indirectly, interested be liable to be avoided, nor shall any director so contracting or being so interested be liable to account to the company for any profit realised by any such contract, transaction or arrangement by reason of such director holding that office or of the fiduciary relationship thereby established.

**Director to declare interest in contract with company**

94. A director who is in any way, whether directly or indirectly, interested in a contract, transaction or arrangement or proposed contract, transaction or arrangement with the company shall declare the nature of his or her interest in accordance with the provisions of the statutes.

**Restriction on voting - matters upon which a director may vote**

- 95.
- (a) Save as otherwise provided by this article, a director shall not vote at any meeting of the board (and if such director shall do so his or her vote shall not be counted) in respect of any contract, transaction, arrangement or proposal in which he or she has an interest which (together with any interest of any person connected with him or her) is a material interest (otherwise than by virtue of an interest in shares, debentures or other securities of, or otherwise in or through, the company) or in relation to which he or she has a duty which conflicts or may conflict with the interests of the company, nor shall he or she be counted for the purposes of any resolution regarding the same in the quorum present at the meeting. Provided that (in the absence of any material interest other than is indicated below) a director may vote and be counted in the quorum in respect of any resolution concerning any of the following matters, namely:
- (i) any contract, transaction, arrangement or proposal for giving to such director any security, guarantee or indemnity in respect of money lent by him or her to, or obligations incurred by him or her or by any other person at the request or for the benefit of, the company or any other member of the group;
  - (ii) any contract, transaction, arrangement or proposal for the giving by the company of any security, guarantee or indemnity to a third party in respect of a debt or obligation of the company or any other member of the group for which such director has personally assumed responsibility in whole or in part under a guarantee or indemnity or by the giving of or agreement to give security;
  - (iii) any contract, transaction, arrangement or proposal giving to such director any security, guarantee or indemnity in respect of any liability to any person which may be incurred by such director in the performance of his or her duties as a director or other officer or employee of the company or any other member of the group, or for the purchase or renewal for such director of insurance against any liability;

- (iv) the subscription or purchase by him or her of shares, debentures or other securities of the company pursuant to an offer or invitation to members or debenture holders of the company, or any class of them, or to the public or any section of the public;
  - (v) any contract, transaction, arrangement or proposal by such director to underwrite or sub-underwrite (alone or with others) any shares, debentures or other securities of the company or any other member of the group;
  - (vi) any contract or arrangement with or concerning any other company (not being a company in which such director owns one per cent. or more within the meaning of paragraph (b)) in which such director is interested as an officer or creditor of that company or as a holder of shares or other securities;
  - (vii) any proposal concerning the adoption, modification, operation, suspension or cancellation of any superannuation fund or retirement, death or disability benefits scheme under which such director may benefit or of any employees' share scheme being a scheme for encouraging or facilitating employees (including directors) of the company or any other member of the group to acquire shares, debentures or other securities of the company or any other member of the group, provided that any such fund or scheme does not accord to any director as such any privilege or advantage not generally accorded to the employees to whom the fund or scheme relates;
  - (viii) any other arrangement for the benefit of employees of the company or any other member of the group under which such director benefits or stands to benefit in a similar manner to the employees concerned and which does not accord to any director as such any privilege or advantage not generally accorded to the employees to whom the arrangement relates.
- (b) For the purposes of this article, a company shall be deemed to be a company in which a director owns one per cent. or more if and so long as (but only if and so long as) such director (together with persons connected with him or her) is, directly or indirectly, the holder of or beneficially interested in one per cent. or more of any class of the equity share capital of such company or of the voting rights available to members of such company. Provided that for the purposes of this paragraph there shall be disregarded any shares held by a director as bare or custodian trustee or by virtue of his or her being a personal representative of any estate, any shares comprised in a trust in which the

director's interest is in reversion or remainder if and so long as some other person is entitled to receive the income thereof and any interest which the director has by virtue of holding units in an authorised unit trust scheme, a recognised scheme or a UCITS (in each case, as defined in Section 220(1) as if such Sections and paragraphs had not been repealed).

- (c) Where a company in which a director owns one per cent. or more is materially interested in a contract, transaction, arrangement or proposal then such director shall also be deemed to be materially interested therein.
- (d) Subject to the provisions of paragraph (e), a director shall not vote or be counted in the quorum on any resolution concerning his or her own appointment as the holder of any office or employment with or place of profit under the company or any other company in which the company is interested, including fixing or varying the terms of his or her appointment or the termination thereof.
- (e) Where proposals are under consideration concerning the appointment (including fixing or varying the terms of appointment) of two or more directors to offices or employments with or places of profit under the company or any other company in which the company is interested, such proposals may be divided and considered in relation to each director separately, and in such cases each of the directors concerned (if not debarred from voting under paragraph (a)) shall be entitled to vote and be counted in the quorum in respect of each resolution except that concerning his or her own appointment.
- (f) If any question shall arise at any meeting of the board as to the materiality of a director's interest or as to the entitlement of any director to vote or be counted in the quorum, such question shall be referred to the chairman of the meeting (or, if the director concerned is the chairman of the meeting, to the other directors at the meeting) and the chairman of the meeting's ruling in relation to any director other than himself or herself (or, as the case may be, the ruling of the majority of the other directors in relation to the chairman of the meeting) shall be final and conclusive, except in a case where the nature or extent of the interest of the director concerned as known to such director has not been fairly disclosed.
- (g) Subject to the statutes, the company may by ordinary resolution suspend or relax the provisions of this article to any extent (in respect of any particular contract, transaction, arrangement or proposal) or ratify any particular contract, arrangement or transaction carried out in contravention of this article.

### **C. VACATION OF OFFICE OF DIRECTOR**

#### **When office of director to be vacated**

96. Without prejudice to the provisions for retirement by rotation or otherwise contained in these articles, the office of a director shall be vacated in any of the following events, namely:
- (a) if such director shall become prohibited by law from acting as a director; or
  - (b) if such director shall resign his or her office by notice in writing sent to or deposited at the office or shall tender his or her resignation and the board shall resolve to accept the same; or
  - (c) if such director becomes bankrupt, has a receiving order made against him or her or makes any arrangement or composition with his or her creditors generally; or
  - (d) if such director is, or may be, suffering from mental disorder and either
    - (i) is admitted to hospital in pursuance of an application for admission for treatment under the Mental Health Act 1983 or, in Scotland, an application for admission under the Mental Health (Scotland) Act 1960 or, in any other jurisdiction, in pursuance of an application or otherwise under similar legislation; or
    - (ii) an order is made in respect of him or her by any competent court or official on the ground that such director is or may be suffering from mental disorder or is otherwise incapable of managing his or her own affairs; or
  - (e) if such director shall be absent from meetings of the board for a continuous period of six months without special leave from the board and his or her alternate director (if any) shall not during such period have attended in his or her stead; or
  - (f) if such director does not within two months from the date of his or her appointment (or within such longer period as is permitted by article 87) obtain his or her share qualification under article 87 or if after the expiration of such period such director ceases at any time to hold such qualification, and so that a person vacating office under this paragraph shall be incapable of being reappointed a director of the company until he or she has obtained such qualification; or
  - (g) if such director is removed from office by a resolution of the board in favour of which at least five-sixths of the total number of directors for the time being shall have voted.

### **D. APPOINTMENT AND RETIREMENT OF DIRECTORS**

#### **Number of directors to retire by rotation**

97. At each annual general meeting one-third of the directors for the time being (or, if their number is not a multiple of three, the number nearest to but not greater than one-third) shall retire from office. A retiring director shall retain office until the conclusion of the meeting.

**Which directors to retire**

98. The directors to retire by rotation at an annual general meeting shall be those who have been longest in office and so that as between persons who became or were last re-elected directors on the same day those to retire shall (unless they otherwise agree amongst themselves) be determined by lot. The length of time during which a director has been in office shall be computed from the time when such director was last elected or re-elected. A retiring director shall be eligible for re-election.

**How vacated office to be filled**

99. The company at the meeting at which a director retires under any provision of these articles may by ordinary resolution fill up the office being vacated by electing thereto the retiring director or some other person eligible for appointment.

**Restriction on election of two or more directors by single resolution**

100. A resolution for the election of two or more persons as directors by a single resolution shall not be moved at any general meeting unless a resolution that it shall be so moved has first been agreed to by the meeting without any vote being given against it; and any resolution moved in contravention of this provision shall be void.

**Persons eligible for election as directors**

101. No person other than a director retiring at the meeting shall, unless recommended by the board for election, be eligible for election as a director at any general meeting unless not less than seven nor more than 42 days before the day appointed for the meeting there shall have been received by the secretary at the office notice in writing signed by a member (other than the person to be proposed) duly qualified to attend and vote at the meeting for which such notice is given of such member's intention to propose such person for election and also notice in writing signed by the person to be proposed of his or her willingness to be elected, such notice of willingness to be elected not having subsequently been withdrawn.

**Removal of directors by ordinary resolution**

102. The company may, in accordance with and subject to the provisions of the statutes, by ordinary resolution of which special notice has been given remove any director from office notwithstanding any provisions of these articles or of any agreement between the company and such director, but without prejudice to any claim such director may have for damages for breach of any such agreement, and elect another person in place of a director so removed from office and any person so elected shall be treated for the purpose of determining the time at which he or she or any other director is to retire by

rotation as if he or she had become a director on the day on which the director in whose place he or she is elected was last appointed or elected a director. In default of such appointment the vacancy arising upon the removal of a director from office may be filled by the board as a casual vacancy.

#### **Board's power to appoint directors**

103. The board shall have the power at any time and from time to time to appoint any person to be a director either to fill a casual vacancy or as an additional director. Any director so appointed shall hold office only until the next annual general meeting and shall then be eligible to stand for re-election, but shall not be taken into account in determining either the directors or the number of directors who are to retire by rotation at such meeting.

#### **E. ALTERNATE DIRECTORS**

#### **A director may appoint an alternate - powers of alternate - revocation of appointment of alternate - remuneration of alternate** 104.

- (a) Any director (other than an alternate director) may at any time appoint any other director or appoint any other person willing to act (whether a member of the company or not) to be such director's alternate; and every such alternate shall (subject to giving to the company an address either within or outside the United Kingdom at which notices may be sent to him or her) be entitled (during any period of absence which his or her appointor has notified in writing to the company at the office) to notice of meetings of the board, and of all committees of which the appointing director is a member, as if such alternate were a director and to attend and vote as a director at any such meeting at which the appointing director is not personally present and generally at such meeting to have and to perform all the functions of his or her appointor as a director in the appointor's absence (other than the power to appoint an alternate of the director appointing him or her) and so that for the purposes of the proceedings at such meeting the provisions of these articles shall apply as if he or she were a director Provided that such appointment of any person not being a director shall be effective only upon its being approved by the board.
- (b) The board may at any time revoke the appointment of an alternate director. A director may at any time revoke the appointment of an alternate appointed by him or her, and appoint another person in his or her place (subject always to the

proviso to paragraph (a)), and if a director shall die or otherwise cease to hold the office of director the appointment of his or her alternate shall thereupon cease and determine. Provided that, if any director retires whether by rotation or otherwise but is re-elected by the meeting at which such retirement took effect or is deemed to have been re-elected by the meeting at which such retirement took effect, any appointment made by such director pursuant to this article which was in force immediately prior to his or her retirement shall continue to operate after his or her re-election as if such director had not so retired.

- (c) Any appointment or revocation by a director under this article shall be effected by notice in writing to the company at the office executed by the appointor or in any other manner approved by the board.
- (d) Every such alternate shall be an officer of the company, shall alone be responsible to the company for his or her own acts and defaults and shall not be deemed to be the agent of the director appointing him or her.
- (e) The remuneration of any such alternate shall be payable out of the remuneration payable to the director appointing him or her, and shall consist of such portion (if any) of the last-mentioned remuneration as shall be agreed between them. The alternate shall, however, be entitled to be paid his or her expenses and to be indemnified by the company to the same extent as the director appointing him or her.
- (f) Every person acting as an alternate director shall have one vote for each director for whom he or she acts as alternate, in addition to his or her own vote if he or she is also a director. Execution by an alternate director of any resolution in writing of the board or a committee of the board shall, unless the notice of appointment provides to the contrary, be as effective as execution by the appointor.

## **F. PROCEEDINGS OF THE BOARD**

### **Conduct and convening of board meetings**

105. The board may meet together for the despatch of business, adjourn and otherwise regulate its meetings as it thinks fit. Questions arising at any meeting shall be determined by a majority of votes, and in the case of an equality of votes the chairman of the meeting shall have a second or casting vote. The chairman or any two directors may, and the secretary on the requisition of the chairman or any two directors shall, at any time



summon a meeting of the board. Notice of a board meeting shall be deemed to be properly given to a director if it is given to him or her personally or by word of mouth or by electronic means to an address given by him or her to the company for that purpose or sent in writing to him or her at his or her last known address or any other address given by him or her to the company for this purpose. A director absent or intending to be absent from the United Kingdom may request that notices of board meetings shall during his or her absence be sent in hard copy form or by electronic means to him or her at an address given by him or her to the company for this purpose, but such notices need not be given any earlier than notices given to directors not so absent and if no such request is made it shall not be necessary to give notice of a board meeting to any director who is for the time being absent from the United Kingdom. Any director may prospectively or retrospectively waive the right to receive notice of any meeting of the board. Failure to give notice of a board meeting to a director shall not invalidate the proceedings at that meeting, provided that reasonable efforts are made to give notice to all directors entitled to receive notice.

### **Quorum**

106. The quorum necessary for the transaction of the business of the board may be fixed by the board and unless so fixed at any other number shall be five. Subject to the provisions of these articles, any director who ceases to be a director at a board meeting may continue to be present and to act as a director and be counted in the quorum until the termination of the board meeting if no other director objects and if otherwise a quorum of directors would not be present.

### **Telephone meetings**

107.

(a) A meeting of the board may consist of a conference between directors some or all of whom are in different places provided that each director who participates is able:

(i) to hear each of the other participating directors addressing the meeting; and

(ii) if he or she so wishes, to address all of the other participating directors simultaneously,

whether directly, by conference telephone or by any other form of communications equipment (whether in use when these articles are adopted or developed subsequently) or by a combination of such methods. Each director so participating in a meeting shall be deemed to be "present" at such meeting for the purpose of these articles.

- (b) A quorum is deemed to be present if those conditions are satisfied in respect of at least the number of directors required to form a quorum.
- (c) A meeting held in this way is deemed to take place at the place where the largest group of participating directors is assembled or, if no such group is readily identifiable, at the place from where the chairman of the meeting participates.

**Validity of written resolution of directors**

108. A written resolution signed by all the directors entitled to receive notice of a meeting of the board (provided that number would be sufficient to constitute a quorum) shall be as effective as a resolution passed at a meeting of the board duly convened and held, and may consist of one document or several documents in the like form each signed by one or more of the directors concerned. For the purposes of this article, any signature may be affixed to a facsimile copy of the resolution and any written resolution shall be valid upon the company receiving the original or a facsimile copy of the document or documents containing each of the said signatures.

**Continuing directors may act**

109. The continuing directors may act notwithstanding any vacancies in their body, but if and so long as the number of directors is reduced below the minimum number fixed by these articles the continuing directors or director may act for the purpose of filling up such vacancies or of summoning general meetings of the company, but not for any other purpose, and may act for either of such purposes whether or not the number of directors is reduced below the number fixed by or in accordance with these articles as the quorum for board meetings. If there be no directors or director able or willing to act, then any two members may summon a general meeting for the purpose of appointing directors.

**Appointment of chairman, deputy chairman and vice-chairman**

110. The board may from time to time elect from its own number a chairman, one or more deputy chairmen and one or more vice-chairmen, but so that the total number of deputy chairmen and vice-chairmen shall not at any time exceed six. The board may determine the period for which such officers are respectively to hold office and, notwithstanding such determination, may from time to time remove any such officer from office.

#### **Chairman of board meetings**

111. The chairman shall preside at all meetings of the board, but if at any time there is no chairman or if at any meeting the chairman be not present, the deputy chairman, or if there are two or more deputy chairmen present, then one of such deputy chairmen (selected by agreement between them or in default of agreement by lot) shall preside, or if at any meeting neither the chairman nor any deputy chairman be present, the vice-chairman, or if there are two or more vice-chairmen present, then one of such vice-chairmen (selected by agreement between them or in default of agreement by lot) shall preside. In the event that there be no chairman, deputy chairman or vice-chairman or if none of them is present within five minutes from the time appointed for holding the meeting, then the directors present shall choose one of their number to be chairman of the meeting.

#### **Executive directors**

112. The board may from time to time appoint any one or more of the directors to any executive office or employment with the company with such title and on such terms as to remuneration, pension and otherwise and with such of the powers exercisable by the board as it may think fit and (subject to the provisions of the statutes) for such period as the board may determine and, subject to the terms of any agreement entered into in any particular case, may at any time revoke any such appointment or vary the terms thereof. A director so appointed shall, subject to the terms of any agreement between such director and the company, be subject to the same provisions as to retirement or removal as the other directors and, without prejudice to any claim for damages or compensation to which such director may be entitled, his or her appointment shall be automatically determined if he or she ceases from any cause to be a director.

#### **Board may confer upon a director any of its powers**

113. The board may entrust to and confer upon any director any of the powers exercisable by it as such upon such terms and conditions and with such restrictions as it thinks fit, and either collaterally with or to the exclusion of its own powers, and may from time to time (subject to the terms of any agreement entered into in any particular case) revoke, withdraw, alter or vary all or any of such powers.

#### **Delegation to board committees and certain subsidiaries**

- 114.
- (a) The board may delegate all or any of its powers, authorities, discretions and functions to any committee or committees on such terms and conditions as it may think fit. Any such committee may consist of one or more members of the board, and the board shall also be entitled to appoint such other person or persons as it considers expedient to a committee but so that the majority at least of the members of any such committee shall consist of directors and no resolution of the committee shall be effective unless a majority of the members of the committee present at the relevant meeting consists of directors.

- (b) The board may also delegate all or any of its powers, authorities, discretions and functions to a wholly-owned subsidiary (whether direct or indirect) of the company for such period and on such terms and conditions as the board may determine.
- (c) Any such committee or subsidiary shall in the exercise of the powers, authorities, discretions and functions so delegated conform to any regulations which may from time to time be imposed by the board.
- (d) The board may authorise any such committee or subsidiary to sub-delegate all or any of the powers, authorities, discretions and functions delegated to it and the board may at any time dissolve any such committee or revoke, vary or suspend any delegation made to any such committee or subsidiary.
- (e) In so far as any power, authority, discretion or function is delegated to a committee or subsidiary, any reference in these articles to the exercise or performance by the board of the power, authority, discretion or function so delegated shall be read and construed as if it were a reference to the exercise or performance thereof by such committee or subsidiary.
- (f) Any such delegation may be collateral with or to the exclusion of the powers, authorities, discretions or functions which are the subject of the delegation.

**Proceedings of committees**

115. The meetings and proceedings (including without limitation the conduct of business by a telephone meeting or by written resolution) of any such committee consisting of two or more members shall be governed by the provisions of these articles regulating the meetings and proceedings of the board, so far as the same are applicable and are not superseded by any regulations made by the board under article 114.

**Acts of board or committee valid notwithstanding disqualification**

116. All acts done by any meeting of the board, or of a committee of the board, or by any person acting as a director or a member of such committee, shall as regards all persons dealing in good faith with the company, notwithstanding that there was some defect in the appointment or continuance in office of any member of the board or such committee or person acting as aforesaid, or that any such member or person was disqualified or had vacated office, or was not entitled to vote, be as valid as if every such person had been duly appointed and was qualified and had continued to be a director or a member of such committee and had been entitled to vote.

## **G. GENERAL POWERS OF THE BOARD**

### **Management of company's business vested in board**

117. The business of the company shall be managed by the board, which may exercise all such powers of the company as are not by the statutes or by these articles required to be exercised in general meeting, subject nevertheless to the provisions of the statutes and of these articles and to such regulations as may be prescribed by the company by special resolution; but no alteration of these articles or regulations so prescribed by the company shall invalidate any prior act of the board which would have been valid if such alteration or regulation had not been made. The general powers given by this article shall not be limited or restricted by any special authority or power given to the board by any other article.

### **Board's borrowing powers**

118. The board may exercise all the powers of the company to borrow money, and to mortgage or charge its undertaking, and all or any part of its property and uncalled capital, and to issue debentures and other securities, whether outright or as collateral security for any debt, liability or obligation of the company or of any third party.

### **Appointment of attorneys**

119. The board may from time to time and at any time by power of attorney or otherwise appoint any person (whether an individual or otherwise) and whether nominated directly or indirectly by the board to be the attorney or agent of the company for such purposes and with such powers, authorities, discretions and functions (not exceeding those vested in or exercisable by the board under these articles) and for such period and subject to such conditions as it may think fit, and any such appointment may contain such provisions for the protection and convenience of persons dealing with any such attorney or agent as the board may think fit and may also authorise any such attorney or agent to sub-delegate all or any of the powers, authorities, discretions and functions vested in that attorney or agent.

### **Overseas branch registers**

120. Subject to and to the extent permitted by the statutes, the board may cause to be kept in any territory outside the United Kingdom an overseas branch register of members resident in such territory, and the board may make and vary such regulations as it may think fit with regard to the keeping of any such register.

**Execution of certain instruments**

121. All cheques, promissory notes, drafts, bills of exchange and other negotiable or transferable instruments, and all receipts for monies paid to the company, shall be signed, drawn, accepted, endorsed or otherwise executed, as the case may be, by such person or persons as may be appointed for the purpose by or on behalf of the board.

**Company not to make loans, quasi-loans or enter into credit transactions with directors or shadow directors or connected persons**

122. Save as permitted by the statutes, the board shall not:
- (a) make a loan or a quasi-loan to or enter into a credit transaction as a creditor for a director (including a shadow director) of the company or any person connected with such a director; or
  - (b) enter into any guarantee or provide security in connection with a loan or quasi-loan or credit transaction made by any person to or for such a director or person so connected; or
  - (c) take part in any arrangement whereby another person enters into such a transaction in return for a benefit from the company or any subsidiary; or
  - (d) arrange for the assignment to it of any rights, obligations or liabilities of any such loan or quasi-loan to such a director or person so connected.

For the purposes of this article the expressions “quasi-loan”, “credit transaction” and “shadow director” shall have the meanings ascribed to them in Sections 199(1), 202(1) and 251(1)-(2) of the Companies Act 2006 respectively.

**Pension and superannuation funds - employees' share schemes - charitable subscriptions**

123. The board may establish and maintain or procure the establishment and maintenance of any non-contributory or contributory pension or superannuation funds or any share option, share incentive or share acquisition schemes or any profit sharing schemes or funds or trusts financed or contributed to by the company for the benefit of, and may give or procure the giving of donations, gratuities, pensions, allowances, disability benefits or emoluments to (or to any person in respect of), any persons who are or were at any time in the employment or service of the company, or of any other member of the group, or who are or were at any time directors or officers of the company or of any other member of the group and hold or have at any time held any salaried employment or office in the company or such other company, and the wives, husbands, widows, widowers, families and dependants of any such persons, and also may establish and subsidise or subscribe to any institution, association, club or fund calculated to be for the benefit of or to advance the interests and well-being of the company or of any other member of the group, or of any such person as aforesaid, and may make payments for or towards the insurance of any such persons as aforesaid, and

subscribe or guarantee money for any charitable or benevolent objects or for any exhibition, or for any public, general or useful object and do any of the matters aforesaid either alone or in conjunction with any such other company as aforesaid.

**Power to make provision for employees**

124. The board is hereby authorised to sanction (by resolution of the board) the exercise of any power conferred upon the company by Section 719.

**H. MINUTES AND RECORDS**

**Minutes and records**

125.

- (a) The board shall cause minutes to be made of:
  - (i) all appointments of officers made by the board; and
  - (ii) the names of the directors and any alternate directors and any person other than directors present at each meeting of the board or any committee of the board; and
  - (iii) all resolutions and proceedings at all meetings of the company, of the board and of committees of the board.Any such minutes, if purporting to be signed by the chairman of the meeting at which the proceedings took place or by the chairman of the next succeeding meeting, shall be evidence of the proceedings.
- (b) Any register, index, minute book, book of account or other book required by these articles or the statutes to be kept by or on behalf of the company may be kept either by making entries in bound books or by recording them in some other form including the use of computer storage facilities so long as the recording is capable of being reproduced in a legible form. In any case in which bound books are not used, the board shall take adequate precautions for guarding against falsification and for facilitating its discovery.

**I. SECRETARY**

**Appointment of and acts of the secretary**

126.

- (a) The secretary shall be appointed by the board for such term, at such remuneration and upon such conditions as it may think fit; and any such secretary so appointed may be removed by the board, but without prejudice to any claim which such secretary may have against the company. If thought fit the board may appoint two or more persons to the office of secretary.

- (b) No person shall be appointed to the office of secretary unless he or she is duly qualified or eligible under one or more of the categories specified in Section 273 of the Companies Act 2006.
- (c) The board may, at any time and from time to time, appoint one or more persons qualified or eligible under one or more of the categories specified in Section 273 of the Companies Act 2006 to be deputy and/or assistant secretary at such remuneration and on such terms as it may think fit and anything required or authorised to be done by or to the secretary may be done by or to any deputy and/or assistant secretary so appointed; and any deputy or assistant secretary may be removed by the board, but without prejudice to any claim which such deputy or assistant secretary may have against the company.

## **J. THE SEALS**

### **Custody and use of the seals**

127. The board shall provide for the safe custody of the seal and any securities seal, each of which shall be used and affixed in accordance with regulations made by the board.

### **Use of the official seal**

128. The company may exercise all the powers conferred by the statutes with regard to having an official seal for use abroad and such powers shall be vested in the board.

## **K. AUTHENTICATION OF DOCUMENTS**

### **Authentication of documents by a director, secretary or any other person appointed by the board**

129. Any director or the secretary or any other person appointed by the board for the purpose shall have power to authenticate any documents affecting the constitution of the company and any resolutions passed or adopted by the company or the board or any committee of the board, and any books, records, documents and accounts relating to the business of the company, and to certify copies thereof or extracts therefrom as true copies or extracts; and where any books, records, documents or accounts are elsewhere than at the office the local manager or other officer of the company having custody thereof shall be deemed to be a person appointed by the board as aforesaid. A document purporting to be a copy of a resolution, or an extract from the minutes of a meeting, of the company or of the board or any committee of the board which is certified as aforesaid shall be conclusive evidence in favour of all persons dealing with the company upon the faith thereof that such resolution has been duly passed or, as the case may be, that such extract is a true and accurate record of proceedings at a duly constituted meeting.



## V DIVIDENDS AND DISTRIBUTIONS

### **Declaration of dividends**

130. The company in general meeting may by ordinary resolution declare dividends to be paid to the members according to their rights and interests in the profits but no dividend shall be payable in excess of the amount recommended by the board.

### **Calculation and currency of dividends**

131. Unless and to the extent that the rights attached to any shares or the terms of issue thereof otherwise provide:
- (a) all dividends shall (as regards any shares not fully paid throughout the period in respect of which the dividend is paid) be apportioned and paid pro rata according to the amounts paid on the shares during any portion or portions of the period in respect of which the dividend is paid, but, for the purposes of this article, no amount paid on a share in advance of calls shall be treated as paid on the share; and
  - (b) dividends may be declared or paid in any currency. The board may agree with any member that dividends which may at any time or from time to time be declared or become due on his or her shares in one currency shall be paid or satisfied in another, and may agree the basis of conversion to be applied and how and when the amount to be paid in the other currency shall be calculated and paid and for the company, the member or any other person to bear any costs involved.

### **Interim and other dividends**

132. If and so far as in the opinion of the board the distributable reserves of the company justify such payments, the board may pay dividends (whether fixed or calculated by reference to a specified formula) on any class of shares carrying such a dividend expressed to be payable on such dates as may be prescribed for the payment thereof. Subject as aforesaid, the board may also from time to time pay one or more dividends (as interim or final dividends) on shares of any class of such amounts and on such dates and in respect of such periods as it thinks fit.

### **Dividend may be declared by reference to record date**

133. Where any dividend is declared by the company in general meeting by ordinary resolution pursuant to article 130, or is determined to be paid by resolution of the board passed in accordance with article 132, the ordinary resolution or (as the case may be) the

resolution of the board may provide that such dividend shall be payable to the members so entitled (or to any class of members so entitled) and registered as such on or as at any such date as the resolution may specify, and (without prejudice to the generality of the foregoing) any date so specified may be either before or after that upon which the resolution is passed, and may be before the date upon which such dividend is to be actually paid.

**No dividend to bear interest**

134. No dividend or other monies payable on or in respect of a share shall bear interest as against the company.

**Power to deduct from dividends any unpaid debts**

135. The board may deduct from any dividend or other monies payable to any member on or in respect of a share all sums of money (if any) presently payable by such member to the company on account of calls or otherwise in respect of shares in the company.

**Power to satisfy lien out of dividends**

136. The board may retain any dividend or other monies payable on or in respect of a share on which the company has a lien, and may apply the same in or towards satisfaction of the debts, liabilities or engagements in respect of which the lien exists.

**Treatment of unclaimed dividends etc.**

137. The payment by the board of any unclaimed dividend or other monies payable on or in respect of a share into a separate account shall not constitute the company a trustee in respect thereof. All unclaimed dividends or other moneys payable on or in respect of a share may be invested or otherwise made use of by the board for the benefit of the company until claimed; but so that any such dividend unclaimed after a period of 12 years from the date such dividend first became due for payment shall be forfeited and shall revert to the company and any monies payable on or in respect of a fractional interest in a share remaining unclaimed after a period of 12 years from the date upon which the same first became due for payment, shall be forfeited and shall revert to the company. In the case of a dividend resolved to be paid under article 132, the above period of 12 years shall be calculated from the date specified in the relevant resolution of the board as the date for payment of the dividend.

## **Dividend warrants**

138.

- (a) Any dividend or other monies payable on or in respect of a share may be paid by cheque or warrant sent in accordance with article 152A to the member or person entitled thereto (and if two or more persons are registered as joint holders of the share or are entitled thereto in consequence of the death or bankruptcy of the holder or otherwise by operation of law, to any one of such persons), or to such other person and such address as such member or person or persons may direct by notice in writing to the company signed by such member or other person or persons. Every such cheque shall be crossed and bear across its face the words "account payee" or "a/c payee" either with or without the words "only" and every such cheque or warrant shall be made payable to the person to whom it is sent or to such other person as the holder or joint holders or person or persons entitled to the share in consequence of the death or bankruptcy of the holder or otherwise by operation of law may direct by notice in writing to the company signed by such holder or holders or other person or persons, and payment of the cheque or warrant, if appearing to have been duly paid by the banker on whom it is drawn, or, in respect of shares in uncertificated form, the making of payment in accordance with the facilities and requirements of the relevant system, shall be a good discharge to the company. Every such cheque or warrant shall be sent at the risk of the person or persons entitled to the money represented thereby. Any such dividend or other money may also be paid by any other usual or common banking method (including, without limitation, direct debit, bank transfer and electronic funds transfer) and the company shall have no responsibility for any sums lost or delayed in the course of any such transfer or where it has acted on any such directions.
- (b) In respect of shares in uncertificated form every such payment made by any method referred to in this article 138 may be made in any such manner as may be consistent with the facilities and requirements of the relevant system. Without prejudice to the generality of the foregoing, in respect of shares in uncertificated form, such payment may include the sending by the company or by any person on its behalf of an instruction to the operator of the relevant system to credit the cash memorandum account of the holder or joint holders, or of such person as the holder or joint holders may in writing direct.

## **Any joint holder may give receipt for a dividend**

139. If several persons are registered as joint holders of a share or are entitled thereto in consequence of the death or bankruptcy of the holder or otherwise by operation of law, any one of them may give effectual receipts for any dividend or other monies payable or property distributable on or in respect of the share.

#### **Company not obliged to send dividend warrants to untraced shareholders**

140.

- (a) Without prejudice to the company's rights under articles 50 and 137, if on two consecutive occasions (or following only one occasion, when reasonable enquiries have failed to establish a new address for the registered holder) cheques or warrants in payment of dividends or other moneys payable on or in respect of any share have been sent in accordance with article 152A but have been returned undelivered or left uncashed during the periods for which the same are valid, the company need not thereafter despatch further cheques or warrants in payment of dividends or other moneys payable on or in respect of the share in question until the holder or the first named of joint holders on the register or other person entitled thereto shall have communicated with the company and supplied to the company, by notice in writing signed by such holder or other person, an address for the purpose.
- (b) The board may exercise the powers of the company conferred by paragraph (a) in respect of any dividend or other such payment falling due to be paid one month after notice of the company's intention to exercise such powers has been served on the relevant member by recorded delivery post.
- (c) All monies represented by warrants or cheques not despatched by the company under the provisions of paragraph (a) shall be deemed to be unclaimed dividends or moneys and the provisions of articles 50 and 137 shall apply thereto.

#### **Payment of dividend in specie**

141. A general meeting may, upon the recommendation of the board, direct payment of a dividend wholly or in part by the distribution of specific assets, and in particular of paid up shares, debentures or other securities of any other company or in any one or more of such ways, and the board shall give effect to such resolution; and where any difficulty arises in regard to the distribution the board may settle the same as it thinks expedient and in particular may issue fractional certificates, and may fix the value for distribution of such specific assets or any part thereof, and may determine that cash payments shall be made to any members upon the footing of the values so fixed, in order to adjust the rights of members, and may vest any specific assets in trustees upon trust for the persons entitled to the dividend as may seem expedient to the board, and generally may make such arrangements for the allotment, acceptance and sale of such specific assets or fractional certificates, or any part thereof, and distribution of the cash proceeds of any sale or of the cash equivalent to any member or members and otherwise as it thinks fit.

### **Scrip dividends**

142. The board may, with the sanction of an ordinary resolution of the company (including an ordinary resolution passed before the adoption of these articles) and subject to there being available sufficient unissued ordinary shares taking into account other relevant circumstances, offer to the holders of ordinary shares the right to elect to receive an allotment of additional ordinary shares, credited as fully paid, in whole or in part, instead of cash in respect of any dividend which is specified in the applicable ordinary resolution or such part of such dividend as the board may determine. The following provisions shall have effect:
- (a) any such ordinary resolution may specify a particular dividend or may specify all or any dividends falling to be declared or paid during a specified period, being a period expiring not later than the commencement of the annual general meeting held in the fifth year after that in which the resolution is passed;
  - (b) the basis of allotment shall be determined by the board so that, as nearly as may be considered convenient, the value (calculated by reference to the average quotation) of the additional ordinary shares (including any fractional entitlement) to be allotted instead of any cash amount of dividend shall be equal to such amount. For such purpose the “average quotation” of an ordinary share shall be the average of the middle market quotations (less the relevant dividend unless the ordinary shares are already quoted ex such dividend) on the Daily Official List of the London Stock Exchange (or any similar publication) on at least five consecutive dealing days selected by the board, but commencing no earlier than the day upon which the proposed relevant dividend is announced by the board;
  - (c) the board shall give notice in writing to the holders of the ordinary shares of the rights of election offered to them and shall send with or following such notice forms of election and specify the procedure to be followed and the place at which and the latest date and time by which duly completed forms of election must be lodged in order to be effective;
  - (d) the dividend (or that part of the dividend in respect of which a right of election has been offered) shall not be paid in cash on ordinary shares in respect of which the said election has been duly exercised (the “elected ordinary shares”) and on and with effect from the due date of payment of the dividend (or part thereof) in respect of which a right of election has been offered or such earlier date (after the election) as the board may determine additional ordinary shares shall be allotted instead of payment of cash to the holders of the elected ordinary shares on the basis of allotment determined as aforesaid. For such

purpose the board shall capitalise, out of such of the sums standing to the credit of reserves (including any share premium account and capital redemption reserve) or profit and loss account as the board may determine, a sum equal to the aggregate nominal amount of the additional ordinary shares to be allotted on such basis and apply the same in paying up in full the appropriate number of unissued ordinary shares for allotment and distribution to and amongst the holders of elected ordinary shares on such basis;

- (e) the additional ordinary shares so allotted shall rank pari passu in all respects with the fully paid ordinary shares then in issue save only as regards participation in the relevant cash dividend (or share election instead thereof);
- (f) the board may do all acts and things which it considers necessary or expedient to give effect to any such offer and capitalisation, with power to make such provisions as it thinks fit for dealing with shares becoming distributable in fractions (including provisions whereby, in whole or in part, fractional entitlements are disregarded or rounded up or carried forward or the benefit of fractional entitlements accrues to the company or to one or more charities selected by it rather than to the members concerned). The board may authorise any person on behalf of all the members concerned to enter into an agreement with the company providing for such capitalisation and matters incidental thereto and an agreement made under such authority shall be effective and binding on all persons concerned;
- (g) notwithstanding anything to the contrary in this article, the board may make such exclusions from any offer of rights of election to holders of ordinary shares as it may think fit in the light of any legal or practical problems under the laws of, or the requirements of any regulatory or stock exchange authority in, any territory or the level of costs which would be associated with such an offer;
- (h) the board may determine to treat as valid for the purposes of this article any mandate in force (including a mandate given before the adoption of these articles) to receive on a regular basis (and not in relation to a single dividend only) ordinary shares instead of receiving payment of cash dividends and such mandate shall, if so determined by the board, entitle the relevant holder of ordinary shares to an allotment of new ordinary shares pursuant to this article; and
- (i) the board may at any time and from time to time prior to payment of any dividend, subject to the terms of the relevant share dividend offer, disregard any election or mandate received in connection with this article and pay the relevant dividend or dividends in cash.

## **VI RESERVES**

### **Board powers to carry profits to reserve and to carry forward profits**

143. The board may, before recommending or resolving to pay any dividend, whether preferential or otherwise, carry to reserve out of the profits of the company (including any premiums received upon the issue of debentures or other securities of the company) such sums as it thinks proper as a reserve or reserves which shall, at the discretion of the board, be applicable for any purpose to which the profits of the company may be properly applied, and pending such application may, at the like discretion, either be employed in the business of the company or be invested in such investments other than shares in the company or of its holding company (if any) as the board may from time to time think fit. The board may also without placing the same to reserve carry forward any profits. The board may divide the reserve into such special funds as it thinks fit and may consolidate into one fund any special funds or any parts of any special funds into which the reserve may have been divided.

## **VII CAPITALISATION OF PROFITS**

### **Capitalisation issue**

144. The company in general meeting may, subject to the rights attaching to any class of shares, and in respect of shares and debentures in uncertificated form, subject to the Regulations, upon the recommendation of the board at any time and from time to time, subject as hereinafter provided, by ordinary resolution resolve to capitalise all or any part of any amount standing to the credit of any reserve or fund (including the profit and loss account) whether or not the same is available for distribution and accordingly that the amount to be capitalised be set free for distribution among the holders of the ordinary shares in proportion to the amounts paid up on the ordinary shares and to apply such amount on their behalf, either in or towards paying up the amounts, if any, for the time being unpaid on any ordinary shares, or in paying up in full unissued shares, debentures or other securities of the company of a nominal amount equal to such amount, and to allot and distribute such shares, debentures or other securities credited as fully paid up, to and amongst such holders, or as they may direct, or partly in one way and partly in the other,

provided that:

- (a) the share premium account and the capital redemption reserve and any such profits not available for distribution may, for the purposes of this article, only be applied in the paying up of unissued shares to be issued to members credited as fully or, where permitted by the statutes, partly paid; and

- (b) no unrealised profits shall be applied in paying up any debentures of the company or any amount unpaid on any share in the capital of the company.

**Board to effect capitalisations**

145. Whenever a resolution is passed in pursuance of article 144, the board shall:

- (a) allot unissued shares, debentures or other securities of the company, as the case may be, to the amount authorised by the resolution credited as fully paid up amongst the holders of the shares entitled to participate therein with full power to the board to make such provisions by way of the issue of fractional certificates or otherwise as it thinks fit for the case of fractions, and prior to such allotment the board may, if it thinks fit, authorise any person, on behalf of all the members so entitled to the said shares, debentures or other securities of the company, to enter into an agreement with the company providing for the allotment to them in the proportion specified in article 144 credited as fully paid up of the shares, debentures or other securities authorised by the resolution to be distributed amongst them, and any agreement made under such authority shall be effective and binding on all the holders of the ordinary shares for the time being; and the board shall have power generally to do all acts and things required to give effect to such resolution as aforesaid. Whenever on any issue of shares, debentures or other securities of the company in pursuance of article 144 the value of a fractional entitlement thereof shall be less than a minimum amount determined by the board in respect of any holder, the proceeds of sale (after the deduction of the proper expenses of such sale) of each and every such fractional entitlement amounting to less than such minimum amount shall belong to and be vested in the company (or one or more charities selected by it). For the purpose of giving effect to any such sale, the board may convert such securities as are in certificated form into uncertificated form and vice versa and, in respect of securities which are in certificated form, may authorise some person to transfer the securities sold to the purchaser thereof or, in respect of shares in uncertificated form, make other arrangements consistent with the facilities and requirements of the relevant system for their transfer to, or in accordance with the directions of, the purchaser and the purchaser shall be registered as the holder of the securities comprised in any such transfer and shall not be bound to see to the application of the purchase money nor shall the purchaser's title to the said securities be affected by any irregularity or invalidity in the proceedings relating to the sale; and/or



- (b) (if the resolution so specifies) apply such profits or sum on behalf of the holders entitled thereto in paying up the amount, if any, unpaid on any shares held by such holders.

## **VIII ACCOUNTS AND AUDIT**

### **Keeping of accounts and retention and location of accounting records**

146.

- (a) The board shall cause to be kept proper accounts and accounting records in accordance with the requirements of the statutes.
- (b) The accounting records shall be kept at the office or (subject to the provisions of the statutes) at such other place as the board thinks fit, and shall always be open to inspection by the directors and other officers. No member (other than a director or other officer) shall have any right of inspecting any account or book or document of the company except as conferred by law (including the statutes) or authorised by order of the court or by the board.

### **Accounts to be laid before general meetings**

147. The board shall from time to time, in accordance with the provisions of the statutes, cause to be prepared and to be laid before the company in general meeting such profit and loss accounts, balance sheets, group accounts and reports as are specified in the statutes.

### **Reports and accounts to be delivered to members, debentureholders and auditors—summary financial statements**

148.

- (a) Subject to the provisions of paragraph (b) and of article 149, a copy of the directors' and auditors' reports accompanied by copies of the balance sheet, profit and loss account and other documents required by the statutes to be annexed to the balance sheet (together the "statutory accounts") shall, not less than 21 clear days prior to the annual or other general meeting at which it is proposed to lay such documents before members, be delivered to every member and holder of debentures of the company and to the auditors and to every other person, if any, who is entitled by these articles or the statutes to receive copies of such documents and/or notices of meetings from the company.
- (b) The company may, insofar as is permitted by the statutes and without prejudice to the right of any member who wishes to receive the statutory accounts to require the statutory accounts to be sent to such member, send to members a summary financial statement which complies with the provisions

of the statutes, (a “summary financial statement”) in place of the statutory accounts, such summary financial statement to be sent not less than 21 clear days prior to the annual or other general meeting at which the statutory accounts of which the summary financial statement is a summary are to be laid as provided in paragraph (a), but subject to such exclusions or other arrangements as the board may deem necessary or expedient to deal with any legal or practical problems arising in any overseas territory or by virtue of shares being represented by depositary receipts or the requirements of any regulatory or stock exchange authority.

#### **Cases in which reports and accounts need not be delivered**

149. Article 148 shall not require a copy of the statutory accounts or summary financial statement to be sent to more than one of joint holders or to any person who is not entitled to receive notices of meetings or of whose address the company is not aware, but any member or holder of debentures or person entitled by the statutes or these articles to receive a copy of the statutory accounts or summary financial statement to whom a copy has not been sent shall be entitled to receive a hard copy free of charge on application at the office.

#### **Appointment of auditors**

150. Auditors shall be appointed, and their duties, powers, rights and remuneration regulated, in accordance with the provisions of the statutes.

### **IX COMMUNICATIONS**

#### **Manner of communications**

151. Any documents or information to be sent or supplied by or to the company may be sent or supplied in hard copy form, in electronic form or by means of a website to the extent permitted by the statutes and these articles.

#### **Communications to the company**

- 152.
- (a) A document or information is validly sent or supplied by a member to the company in hard copy form if it is sent or supplied by hand or by post (in a prepaid envelope) to:
    - (i) an address specified by the company for the purpose;
    - (ii) the office; or
    - (iii) an address to which any provision of the statutes authorises the document or information to be sent or supplied.
  - (b) A document or information may only be sent or supplied by a member to the company in electronic form if the company has notified the members that the document or information may be sent or supplied in that form (and not revoked that agreement).

- (c) Subject to paragraph (b) above, where a document or information is sent or supplied by electronic means, it may only be sent or supplied to an address:
  - (i) specified for the purpose by the company (generally or specifically); or
  - (ii) deemed by a provision of the statutes to have been so specified.
- (d) Subject to paragraph (b) above, where a document or information is sent or supplied in electronic form by hand or by post, it must be sent or supplied to an address to which it could validly be sent if it were in hard copy form in accordance with paragraph (a) above.

**Communications by the company or the board in hard copy form**

152A.

- (a) A document or information sent or supplied by the company or the board in hard copy form must be:
  - (i) handed to the intended recipient; or
  - (ii) sent or supplied by hand or by post (in a pre-paid envelope):
    - (A) to an address specified for the purpose by the intended recipient;
    - (B) to a company at its office;
    - (C) to a person in his capacity as a member, at his address as shown in the register;
    - (D) to a person in his capacity as a director, at his address as shown in the register of directors; or
    - (E) to an address to which any provision of the statutes authorises the document or information to be sent or supplied.
- (b) Where the company is unable to obtain any address falling within paragraph (a) above, the document or information may be sent or supplied to the intended recipient's last address known to the company.

**Communications by the company in electronic form**

152B.

- (a) A document or information may only be sent or supplied by the company or the board in electronic form:
  - (i) to a person who has agreed (generally or specifically) that the document or information may be sent or supplied in that form (and not revoked that agreement); or

- (ii) to a company that is deemed to have so agreed by a provision in the statutes.
- (b) Where the document or information is sent or supplied by electronic means, it may only be sent or supplied to an address:
  - (i) specified for the purpose by the intended recipient (generally or specifically); or
  - (ii) where the intended recipient is a company, deemed by a provision of the statutes to have been so specified.
- (c) Where the document or information is sent or supplied in electronic form by hand or by post, it must be:
  - (i) handed to the intended recipient; or
  - (ii) sent or supplied to an address to which it could validly be sent if it were in hard copy form in accordance with article 152A.

**Communications by the company by means of a website**

152C.

- (a) A document or information may only be sent or supplied by the company to a person by being made available on a website if the person:
  - (i) has agreed (generally or specifically) that the document or information may be sent or supplied to him or her in that manner; or
  - (ii) is taken to have so agreed in accordance with the statutes, and has not revoked that agreement.
- (b) A document or information authorised or required to be sent or supplied by means of a website must be made available in a form, and by a means, that the company reasonably considers will enable the recipient to read it (and see any images contained in it) with the naked eye and to retain a copy of it.
- (c) The company must notify the intended recipient of:
  - (i) the presence of the document or information on the website;
  - (ii) the address of the website;

- (iii) the place on the website where it may be accessed; and
  - (iv) how to access the document or information.
- (d) The document or information is taken to be sent:
- (i) on the date on which the notification required by paragraph (c) above is sent; or
  - (ii) if later, the date on which the document or information first appears on the website after that notification is sent.
- (e) The company must make the document or information available on the website throughout:
- (i) the period specified by any applicable provision of the statutes; or
  - (ii) if no such period is specified, the period of 28 days beginning with the date on which the notification required by paragraph (c) is sent to the person in question.

A failure to make a document or information available on a website throughout the period mentioned in this paragraph (e) shall be disregarded if (1) it is made available on the website for part of that period and (2) the failure to make it available throughout that period is wholly attributable to circumstances that it would not be reasonable to have expected the company to prevent or avoid.

#### **Communications by other means**

152D.

- (a) A document or information that is sent or supplied to the company otherwise than in hard copy form, electronic form or by means of a website is validly sent or supplied if it is sent or supplied in a form or manner that has been agreed by the company.
- (b) A document or information that is sent or supplied by the company or the board otherwise than in hard copy form, electronic form or by means of a website is validly sent or supplied if it is sent or supplied in a form or manner that has been agreed by the intended recipient.

#### **Suspension of supply of documents and information to a member**

153.

- (a) If on three consecutive occasions documents or information, including any dividend payment in accordance with article 138 or a copy of any statutory accounts or summary financial statement, have been sent or supplied to any

member in accordance with article 152A or article 152B(c), such member shall not thereafter be entitled to receive any documents or information from the company until he or she shall have communicated with the company and supplied in writing (signed by him or her) to the company at the transfer office a new registered address or an address within the United Kingdom for the service of notices.

- (b) If any document or information, including any dividend payment in accordance with article 138 or a copy of any statutory accounts or summary financial statement, have been sent or supplied by electronic means in accordance with article 152B(b) to any member at his or her address specified for the purpose or deemed to be so specified and the company becomes aware of a failure in delivery (and subsequent attempts to send or supply such document or information by electronic means also result in a failure in delivery), the company shall either:
- (i) send or supply a hard copy of such document or information to such member; or
  - (ii) notify such member of the information set out in article 152C(c),
- in each case in the manner described in article 152A.

#### **When service effected on member**

154. Where a document or information is, under article 152A, sent or supplied by post, service or delivery shall be deemed to be effected at the expiration of 24 hours after the time when the cover containing the same is posted (irrespective of the class or type of post used) and in proving such service or delivery it shall be sufficient to prove that such cover was properly addressed and posted. Where a document or information is sent or supplied by electronic means to an address specified for the purpose by the intended recipient, service or delivery shall be deemed to be effected on the same day on which it is sent or supplied and in proving such service it will be sufficient to prove that it was properly addressed. Where a document or information is sent or supplied by means of a website, service or delivery shall be deemed to be effected when (a) the material is first made available on the website or (b) if later, when the recipient received (or, in accordance with this article 154, is deemed to have received) notification of the fact that the material was available on the website.

#### **Notice by advertisement**

155. If at any time by reason of the suspension or curtailment of postal services within the United Kingdom or by reason of a technical failure affecting the company (or its relevant

agent(s)), the company is unable effectively to convene a meeting of the company by notice sent by post or by electronic means, notice of such meeting may be given by advertisement in the United Kingdom. In any such case the company shall send confirmatory copies of the notice by post or by electronic means if at least seven days prior to the meeting the posting of notices to addresses throughout the United Kingdom or sending notices by electronic means (as the case may be) again becomes practicable. Any notice given by advertisement shall be advertised on the same date in at least two leading daily newspapers in the United Kingdom and such notice shall be deemed to have been served or delivered at noon on the day when the advertisement appears.

#### **Documents and information to joint holders and agreement by joint holders**

156.

- (a) In respect of joint holdings documents or information shall be validly sent or supplied to all joint holders if sent or supplied to that one of the joint holders whose name stands first in the register.
- (b) Anything to be agreed or specified in relation to documents or information to be sent or supplied to joint holders, may be agreed or specified by that one of the joint holders whose name stands first in the register.

#### **Service of documents and information on persons entitled to shares by transmission**

157. A person entitled to a share in consequence of the death or bankruptcy of a member or otherwise by operation of law upon supplying to the company such evidence as the board may reasonably require to show his or her title to the share, and upon supplying also an address within the United Kingdom for the service of notices, shall be entitled to have sent or supplied to him or her at such address any document or information to which the member but for his or her death or bankruptcy or the other event in question would be entitled, and such sending or supply shall for all purposes be deemed a sufficient sending or supply of such document or information to all persons interested (whether jointly with or as claiming through or under him or her) in the share. Save as aforesaid, any document or information sent or supplied to any member in pursuance of these articles shall, notwithstanding that such member be then dead or bankrupt, and whether or not the company has received notice of his or her death or bankruptcy or the other event in question, be deemed to have been duly served or delivered in respect of any share registered in the name of such member as sole or joint holder.

#### **Members not entitled to documents and information**

158. A member who (having no registered address within the United Kingdom) has not supplied to the company an address in the United Kingdom at which documents or information may be sent or supplied to him or her in hard copy form, or an address to

which documents or information may be sent or supplied to him or her by electronic means, is not entitled to have documents or information sent or supplied to him or her by the company.

## **X WINDING UP**

### **Distribution of assets in specie**

159. In the winding up (whether the liquidation is voluntary or by the court) of the company the liquidator may, with the authority of a special resolution of the company and any other sanction required by the statutes, divide among the members in specie the whole or any part of the assets of the company, whether or not the assets shall consist of property of one kind, and may for such purposes set such value as the liquidator deems fair upon any one or more class or classes of property, and may determine how such division shall be carried out as between the members or different classes of members. The liquidator may, with the like authority, vest any part of the assets in trustees upon such trusts for the benefit of members as the liquidator, with the like authority, shall think fit, and the liquidation of the company may be closed and the company dissolved, but so that no member shall be compelled to accept any assets in respect of which there is a liability.

## **XI INDEMNITY AND INSURANCE**

### **Indemnity of officers, funding directors' defence costs and power to purchase insurance**

160.

- (a) To the extent permitted by the Companies Act 1985 and the Companies Act 2006, every person who is or was a director or other officer of the company (other than any person (whether or not an officer of the company) engaged by the company as auditor) shall be and shall be kept indemnified out of the assets of the company against all costs, charges, losses and liabilities incurred by him (whether in connection with any negligence, default, breach of duty or breach of trust by him or otherwise) in relation to the company or its affairs provided that such indemnity shall not apply in respect of any liability incurred by him:
- (i) to the company or to any associated company; or
  - (ii) to pay a fine imposed in criminal proceedings; or
  - (iii) to pay a sum payable to a regulatory authority by way of a penalty in respect of non-compliance with any requirement of a regulatory nature (howsoever arising); or



- (iv) in defending any criminal proceedings in which he or she is convicted; or
  - (v) in defending any civil proceedings brought by the company, or an associated company, in which judgment is given against him; or
  - (vi) in connection with any application under any of the following provisions in which the court refuses to grant him relief, namely:
    - (A) section 144(3) or (4) of the Companies Act 1985 (acquisition of shares by innocent nominee); or
    - (B) section 727 of the Companies Act 1985 (general power to grant relief in case of honest and reasonable conduct).
- (b) In article 160(a)(iv), (v) or (vi) the reference to a conviction, judgment or refusal of relief is a reference to one that has become final. A conviction, judgment or refusal of relief becomes final:
- (i) if not appealed against, at the end of the period for bringing an appeal; or
  - (ii) if appealed against, at the time when the appeal (or any further appeal) is disposed of.
- An appeal is disposed of:
- (1) if it is determined and the period for bringing any further appeal has ended; or
  - (2) if it is abandoned or otherwise ceases to have effect.
- (c) To the extent permitted by the Companies Act 1985 and the Companies Act 2006, every person who is or was a director of the company acting in its capacity as a trustee of an occupational pension scheme shall be and shall be kept indemnified out of the assets of the company against all costs, charges, losses and liabilities incurred by him in connection with the company's activities as trustee of the scheme provided that such indemnity shall not apply in respect of any liability incurred by him:
- (i) to pay a fine imposed in criminal proceedings; or
  - (ii) to pay a sum payable to a regulatory authority by way of a penalty in respect of non-compliance with any requirement of a regulatory nature (howsoever arising); or
  - (iii) in defending criminal proceedings in which he or she is convicted.

For the purposes of this article, a reference to a conviction is to the final decision in the proceedings. The provisions of article 160(b) shall apply in determining when a conviction becomes final.

- (d) Without prejudice to article 160(a) and to the extent permitted by the Companies Act 1985 and the Companies Act 2006 and otherwise upon such terms and subject to such conditions as the board may in its absolute discretion think fit, the board shall have the power to make arrangements to provide a director with funds to meet expenditure incurred or to be incurred by him in defending any criminal or civil proceedings or in connection with an application under section 144(3) or (4) of the Companies Act 1985 (acquisition of shares by innocent nominee) or section 727 of the Companies Act 1985 (general power to grant relief in case of honest and reasonable conduct) or in defending himself in an investigation by a regulatory authority or against action proposed to be taken by a regulatory authority or to enable a director to avoid incurring any such expenditure.
- (e) Where at any meeting of the board or a committee of the board any arrangement falling within paragraph (d) above is to be considered, a director shall be entitled to vote and be counted in the quorum at such meeting unless the terms of such arrangement confers upon such director a benefit not generally available to any other director; in that event, the interest of such director in such arrangement shall be deemed to be a material interest for the purposes of article 91 and he or she shall not be so entitled to vote or be counted in the quorum.
- (f) To the extent permitted by the Companies Act 1985 and the Companies Act 2006, the board may exercise all the powers of the company to purchase and maintain insurance for the benefit of a person who is or was:
  - (i) a director, alternate director, secretary, employee, agent or consultant of the company or of a company which is or was a subsidiary undertaking of the company or in which the company has or had an interest (whether direct or indirect); or
  - (ii) trustee of a retirement benefits scheme, employee share scheme or other trust in which a person referred to in sub-paragraph (f)(i) above is or has been interested,

indemnifying him and keeping him indemnified against liability for negligence, default, breach of duty or breach of trust or other liability which may lawfully be insured against by the company.

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The Barclays Bank Acts 1925 and 1984

The Companies Acts 1948 to 1983

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COMPANY LIMITED BY SHARES

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Memorandum of Association

of

BARCLAYS BANK PLC

(formerly Barclays Bank International Limited)

(Amended and adopted by special resolution on 1 June 2005)

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1. The name of the Company is “Barclays Bank PLC”.
2. The Company is to be a public company.
3. The registered office of the Company will be situated in England and Wales.
4. The objects for which the Company is established are -
  - (1) To carry on the business of banking in all its aspects, including but not limited to the transaction of all financial, monetary and other business which now is or at any time during the existence of the Company may be usually or commonly carried on in any part of the world by banks, discount houses, merchant banks or financiers; and in particular (but without prejudice to the generality of the foregoing)-
    - (a) to receive money on current or deposit account or other-wise on any terms, and to borrow, raise or take up money with or without security and to employ and use the same;
    - (b) to deposit, lend or advance money, securities or property, with or without security, and generally, to make or negotiate loans and advances of every kind;
    - (c) to draw, make, accept, endorse, grant, discount, acquire, subscribe or tender for, buy, sell, issue, execute, guarantee, negotiate, transfer, hold, invest or deal in, honour, retire, pay, secure or otherwise dispose of obligations, instruments whether transferable or negotiable or not) and securities of every kind;

- (d) to grant, issue, negotiate and in any manner deal with or in letters of credit, travellers' cheques and circular notes and drafts and other forms of credits and instruments of every kind;
  - (e) to buy, sell and deal in bullion, specie, precious and other metals, foreign exchange and commodities (including futures) of every kind;
  - (f) to receive on deposit or for safe custody or otherwise documents, cash, securities and valuables of every description;
  - (g) to collect, hold and transmit money and securities and act as agents for the receipt or payment of money or for the receipt or delivery of securities and documents and to establish, maintain or participate in any kind of system for the transmission of funds;
  - (h) to issue and transact business in respect of all types of bankers' cards and debit and credit cards whether issued by the Company or by any other person or company;
  - (i) to act as registrars and transfer agents for any company and to maintain for any company any records and accounts which may be requisite for the purpose, and to undertake any duties in relation to the registration of transfers, the issue and deposit of certificates or other documents evidencing title to securities, or otherwise;
  - (j) to act as agents, brokers, advisers or consultants in relation to the investment of money, the management of property and all insurance, pension and taxation matters, and generally to transact all agency, broking, advisory or consultancy business of every kind.
- (2) To carry on the business of a holding and investment company and to acquire whether by purchase, subscription, exchange or otherwise), take options over and hold securities of any company or companies in any part of the world, and to vary, transpose, dispose of or otherwise deal with or turn to account from time to time as may be considered expedient any of the Company's investments for the time being.
- (3) To co-ordinate the administration, policies, management, supervision, control, research, planning, business operations and any and all other activities of, and to act as financial advisers and consultants to, any company or companies or group of companies now or hereafter formed, incorporated or acquired which may be or may become associated in any way with the Company, directly or indirectly, and to perform any services or undertake any duties to or on behalf of or in any other manner assist any such company or group as aforesaid, in any such case with or without remuneration.

- (4) To undertake and execute the office of executor, administrator, attorney, judicial and custodian trustee, receiver, manager, committee, liquidator and treasurer and to establish, undertake and execute trusts of all kinds, whether private or public, including religious and charitable trusts, and generally to carry on trustee and executor business in all its aspects and on such terms as may be thought expedient and in particular, but without prejudice to the generality of the foregoing, to act as trustees for the holders of any securities of any company and as managers and trustees of unit trusts, investment trusts and pension, benevolent and other funds and to transact all kinds of business arising in connection with any of the foregoing offices and trusts, and to establish, settle and regulate and, if thought fit, undertake and execute any trusts with a view to the issue of any securities, certificates or other documents based on or representing any securities or other assets appropriated for the purposes of such trust.
- (5) To promote, effect, negotiate, offer for sale by tender or otherwise, guarantee, underwrite, secure the subscription or placing of, subscribe or tender for or procure the subscription of (whether absolutely or conditionally), participate in, manage or carry out, on commission or otherwise, any issue, public or private, of the securities of any company, and to lend money for the purposes of any such issue, and to act as dealers in securities whether as principal or agent.
- (6) To finance or assist in the financing of the acquisition, hire, lease or sale of real and personal property of every kind, and the provision of services in connection therewith, whether by way of personal loan, hire purchase, instalment finance, deferred payment or otherwise; to acquire by assignment or otherwise debts owing to any person or company and to collect such debts, and generally to act as traders, factors, carriers, merchants or in any other capacity, and to import, export, buy, sell, let on hire, charter, barter, make advances upon, pledge or otherwise deal in real and personal property of every kind.
- (7) To enter into any guarantee, bond, recognizance, contract of indemnity or suretyship and otherwise give security or become responsible for the performance of any obligation or duties by any person or company and in particular (without prejudice to the generality of the foregoing) to guarantee, support or secure, whether by personal covenant or by mortgaging or charging all or any part of the undertaking, property and assets, present and future, and uncalled capital of the Company, or by both such methods, the performance of the obligations of, and the payment of monies secured by, or payable under or in respect of the securities of, any company or person, including (but without limitation) the Company's holding company or any subsidiary of the Company or of such holding company or any company otherwise associated with the Company in business, and to give and take counter-guarantees and indemnities, and to receive security for the implementation of any obligation, and to undertake the insurance, re-insurance and counter-insurance of all kinds of risks, and generally to carry on the business of an insurance and guarantee company in all its aspects.

- (8) To raise and borrow money by any means, including the issue of debentures, loan stocks, bonds, notes and other securities, upon and subject to such terms and conditions as may be considered expedient, and to secure all or any of the Company's liabilities in respect of money raised or borrowed, or any other debt or obligation of or binding on the Company, by mortgaging or charging all or any part of the undertaking, property and assets, present and future, and uncalled capital of the Company.
- (9) To carry on the business of installing, selling, renting and providing computers, data processing and storage equipment and systems, computer bureau, programming, operating and consultancy services and communication systems of all kinds, and acquiring, leasing, hiring and disposing of electronic and mechanical equipment and machinery, and ancillary chattels and property of any kind or description.
- (10) To carry on the business of providing managerial, secretarial, accountancy, consultancy, statistical and any other supervisory executive and advisory services of whatsoever kind for or in relation to any person, company, property or business.
- (11) To act as forwarding agents., travel and shipping agents, commission agents, surveyors, architects, valuers, property consultants and managers, land and estate agents, insurance brokers and average adjusters, and generally to undertake all kinds of professional and agency business.
- (12) To purchase, take options over, take on lease or in exchange, hire or otherwise acquire, for any estate or interest and on such terms and for such consideration as may be considered expedient, construct and develop real and personal property of every kind.
- (13) To sell, exchange, mortgage, let on rent, royalty, share of profit or otherwise, improve, manage, turn to account, grant licences, easements, options or other rights over and in any manner deal with or dispose of the undertaking, property and assets (including uncalled capital) of the Company or any part thereof for such consideration as may be thought fit, and in particular for securities, whether fully or partly paid up, of any other company, and to hold, deal with or dispose of such consideration.
- (14) To amalgamate or enter into partnership or any profit-sharing arrangement with and to co-operate in any way with or assist or subsidise any company, and to purchase or otherwise acquire and undertake all or any part of the business, assets and liabilities of any person or company.
- (15) To enter into any arrangement with any company which is a subsidiary of or otherwise associated with the Company and through which any part of the Company's business is or is to be conducted, for the taking of profits and bearing of losses of any business so carried on for financing any such subsidiary or associated company or guaranteeing its liabilities, and to make any other arrangement which may seem expedient with reference to any business so carried on, including power at any time, and either temporarily or permanently, to discontinue any such business.

- (16) To invest any monies of the Company in such investments, securities and any other kind of property (whether real or personal) as may be thought expedient and to hold, sell or otherwise deal with such investments, securities or property.
- (17) To establish or promote or concur in the establishment or promotion of any company.
- (18) To take or concur in taking all such steps and proceedings (including the undertaking of any obligation, monetary or otherwise) as may seem best calculated to uphold and support the credit of the Company or to obtain, maintain, restore and justify public confidence, or to avert or minimise financial disturbances which might affect the Company.
- (19) To procure the registration or incorporation of the Company in or under the laws of any place outside England and Wales.
- (20) To seek and secure, and generally to utilise and exploit, openings for the employment of capital in any part of the world, and with a view thereto to employ experts to investigate into and examine the conditions, prospects, value, character and circumstances of any business concerns and undertakings, and generally of any assets, concessions, properties and rights whether in existence Or contemplation.
- (21) To enter into any arrangement with any government or authority, international, supreme, municipal, local or otherwise, and to obtain any rights, concessions and privileges from any such government or authority and to carry out, exercise and comply with any such arrangements, rights, concessions and privileges.
- (22) To take all necessary and proper steps in Parliament or with any government or authority, international, supreme, municipal, local or otherwise, for the purpose of carrying out, extending or varying the objects and powers of the Company, or altering its constitution, and to oppose any proceedings or applications which may seem calculated directly or indirectly to prejudice the Company's interests.
- (23) To distribute any of the property of the Company among its members in specie.
- (24) To subscribe, donate or guarantee money for any national, charitable, benevolent, public, general or useful object or for any exhibition or sporting activity or for any purpose which may be considered likely directly or indirectly to further the objects of the Company or the interests of its members and to subscribe or donate money to any association or fund for the protection, defence or benefit of any persons or companies carrying on businesses similar to those carried on by the Company or any of its subsidiaries.
- (25) To establish and maintain or procure the establishment and maintenance of any non-contributory or contributory pension or superannuation funds for the benefit of, and to give or procure the giving of donations, gratuities, bonuses,

benefits, pensions, allowances or emoluments to, any persons who are or were at any time in the employment or service of the Company or of its holding company or of any company which is a subsidiary of the Company or of such holding company or is allied to or associated in business with the Company or with any such subsidiary or the predecessors in business of the Company or any other such company as aforesaid, or who are or were at any time directors or officers of the Company or of any such other company as aforesaid or their respective predecessors in business and the wives, widows, families, dependents and personal representatives of any such persons, and also to establish and subsidise or subscribe to any institutions, associations, building and housing schemes, clubs, funds or trusts calculated to be for the benefit of any such persons as aforesaid, or to advance the interest and well being of the Company or of any such other company as aforesaid, and to make payments for or towards the insurance of any such persons as aforesaid.

- (26) To carry on the business, whether for remuneration or not, of developing, installing, selling, renting, licensing or providing any type of equipment, smartcard, computer system, computer hardware, computer software, software development tool or kit, encryption or decryption device or algorithm in any form, or any other thing of any kind or description, relating to electronic trading, encryption, decryption, electronic signatures, electronic data interchange, electronic commerce or the conduct of any business in or through any electronic or digital media.
- (27) To carry on the business, whether for remuneration or not, of providing any type of service comprising of or relating to, in whole or in part, computer systems, computer hardware, computer software, smartcards, electronic trading, electronic settlement, encryption or decryption of data of any kind or description, electronic signatures, certification of such signatures, electronic data interchange, storage of electronic data, publication of information on electronic media, access to or use of the internet, electronic mail, electronic commerce or the conduct of any business in or through any electronic or digital media.
- (28) To carry on the business, whether for remuneration or not, of a certification authority, and of providing certification services, cryptography support services, software and software development tools and kits in connection with such services.
- (29) To carry on any other business or activity which may seem to the Directors capable of being advantageously carried on in connection or conjunction with or as ancillary to any of the foregoing businesses or which the Directors may consider expedient with a view to rendering profitable or more profitable or enhancing directly or indirectly the value of the Company's undertaking or any of its property or assets, and to do all such other things as the Directors may consider incidental or conducive to the attainment of the Company's objects.

- (30) To do all or any of the foregoing things in any part of the world and either as principals, agents, contractors, trustees or otherwise and by or through trustees, agents, subsidiary and associated companies or otherwise, and either alone or in conjunction with others.

It is hereby declared that-

- (a) the expression “company” (except where used in reference to the Company itself) shall be deemed to include any government or any statutory, municipal or public body, partnership, association, syndicate or other body of persons, whether incorporated or unincorporated and whether domiciled in England or elsewhere, and the expression “securities” includes shares, stocks, debentures, bonds, notes, debenture stocks, loan stocks, loans, mortgages, certificates or other documents of title, depository receipts, certificates of deposit, funds or other obligations, interests, options, futures or participatory rights of any kind whatsoever;
- (b) the objects specified in each of the paragraphs of this Clause shall not, except where the context expressly so requires, be in anywise limited or restricted by reference to or inference from the terms of any other paragraph or the name of the Company, but may be carried out in as full and ample a manner and shall be construed in as wide a sense as if each of the said paragraphs defined the objects of a separate, distinct and independent company.
5. The liability of the Members is limited.
6. The share capital\*<sup>1</sup> of the Company is £3,040,001,000 divided into 3,000,000,000 ordinary shares of £1 each, 1000 Sterling Preference Shares of £1 each and 400,000 Sterling Preference Shares of £100 each, US\$60,000,000 divided into 80,000,000 Dollar Preference Shares of US\$0.25 each and 400,000 Dollar Preference Shares of US\$100 each and €40,000,000 divided into 400,000 Euro Preference Shares of €100 each.

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(\*Amended 1 June 2005)

<sup>1</sup> Pursuant to an ordinary resolution of the company dated 5 September 2007, the share capital of the company was increased by the creation of 70,000,000 dollar preference shares of U.S.\$0.25 each. Pursuant to an ordinary resolution of the company dated 8 April 2008, the share capital of the company was further increased by the creation of 150,000,000 dollar preference shares of U.S.\$0.25 each.

**THE COMPANIES ACTS 1948 TO 1967**

**and**

**THE COMPANIES ACTS 1985, 1989 AND 2006**

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**A PUBLIC COMPANY LIMITED BY SHARES**

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**ARTICLES OF ASSOCIATION**

**of**

**BARCLAYS BANK PLC**  
**(formerly Barclays Bank International Limited)**

**(amended by Special Resolution passed on 24 April 2008)**

**I. PRELIMINARY**

**Application**

1. No regulations or articles for management of a company contained or set out in any Act of Parliament or statutory instrument concerning companies shall apply to the company and the following shall be the articles of association of the company.

**Interpretation**

2.
  - (a) In these articles, if not inconsistent with the subject or context and save for those words and expressions defined solely for the purpose of a specific article, the words and expressions standing in the first column below shall bear the meanings set opposite to them respectively in the second column:

“address”	the meaning given to it in Section 1148 of the Companies Act 2006;
“articles”	these articles of association as amended from time to time;
“board”	the board of directors for the time being of the company or the directors of the company present at a duly convened meeting of directors at which a quorum is present or any of them acting as the board of directors in accordance with these articles;



“chairman”	the chairman for the time being of the board;
“clear days”	in relation to a period of notice, that period excluding both the day when the notice is served (or deemed to be served) in accordance with these articles and the day for which it is given or on which it is to take effect;
“company”	Barclays Bank PLC or such other name by which the company may for the time being be registered in accordance with the provisions of the statutes;
“connected”	in relation to a director of the company, has the meaning given to it in Section 252 of the Companies Act 2006;
“deputy chairman”	a deputy chairman for the time being of the board;
“director”	a director for the time being of the company;
“dividend”	dividend and/or bonus;
“dollar business day”	the meaning given to it in Article 3(d)(x);
“dollar preference shares”	the preference shares of US\$0.25 each in the capital of the company referred to in article 3(a) or, as the case may require, the number thereof for the time being in issue and the preference shares of US\$100 each in the capital of the company referred to in article 3(a) or, as the case may require, the number thereof for the time being in issue;
“electronic form” and “electronic copy”	the meaning given to it in Section 1168 of the Companies Act 2006;
“electronic means”	meaning given to it in Section 1168 of the Companies Act 2006;
“euro business day”	the meaning given to it in article 3(d)(ix);
“euro preference shares”	the preference shares of €100 each in the capital of the company referred to in article 3(a) or, as the case may require, the number thereof for the time being in issue;
“further shares”	the meaning given to it in article 3(e);
“group”	the company, its subsidiary undertakings and its parent undertakings;
“hard copy form” and “hard copy”	the meaning given to it in Section 1168 of the Companies Act 2006;

“holder”	in relation to shares, the member whose name is entered in the register as the holder of the shares;
“issue date”	the meaning given to it in article 3(d)(i);
“liquidation value”	the meaning given to it in article 3(f);
“London business day”	the meaning given to it in article 3(d)(xi);
“member”	a member of the company;
“office”	the registered office for the time being of the company or, in the case of sending or supplying documents or information by electronic means, the address specified by the board for the purpose of receiving documents or information by electronic means;
“ordinary shares”	the ordinary shares of £1 each in the capital of the company referred to in article 3 or, as the case may require, the number thereof for the time being in issue;
“overseas branch register”	branch register of members as defined in Section 362(2);
“paid up” or “paid”	paid up and/or credited as paid up in respect of the nominal amount of a share;
“prescribed period”	the meaning given to it in article 12(d);
“qualifying person”	an individual who is a member, a person authorised under Section 323 of the Companies Act 2006 to act as the representative of a corporation in relation to a meeting or a person appointed as a proxy of a member in relation to that meeting;
“redemption date”	the meaning given to it in article 3(d)(i);
“register”	the register of members of the company;
“rights issue”	the meaning given to it in article 12(d);
“seal”	the common seal (if any) of the company;
“section 80 amount” and “Section 89 amount”	the meanings given to them in article 12(d);
“securities seal”	the official seal (if any) of the company permitted to be used by Section 40;

“Series 1 Sterling Preference Shares”	the 1,000 sterling preference shares issued by the company on 31 December 2004.
“statutes”	the Companies Act 1985, the Companies Act 1989 and every other Act and statutory instrument for the time being in force concerning companies and affecting the company;
“statutory accounts”	the meaning given to it in article 146;
“sterling preference shares”	the preference shares of £1 each in the capital of the company referred to in article 3(a) or, as the case may require, the number thereof for the time being in issue and the preference shares of £100 each in the capital of the company referred to in article 3(a) or, as the case may require, the number thereof for the time being in issue;
“subsidiary”	a subsidiary as defined in Section 736;
“subsidiary undertaking”	a subsidiary undertaking as defined in Section 1162 of the Companies Act 2006;
“transfer office”	the location at which the register is for the time being kept or, in the case of sending or supplying documents or information by electronic means, the address specified by the board for the purpose of receiving documents or information by electronic means;
“United Kingdom”	the United Kingdom of Great Britain and Northern Ireland;
“vice-chairman”	a vice-chairman for the time being of the board; and
“in writing”	written or produced by any method of representing or reproducing words in a legible and non-transitory form, including electronic form.

(b) The following provisions shall apply to the construction or interpretation of these articles or any part thereof:

- (i) any reference to any section or provision of any Act of Parliament shall, if not inconsistent with the subject or context, include every statutory modification, addition or re-enactment thereto or thereof for the time being in force;
- (ii) any reference to a numbered article shall be a reference to the article bearing that number in these articles and includes reference to such article as amended from time to time and any reference in an article to a paragraph or sub-paragraph shall, unless stated otherwise, be to a paragraph or sub-paragraph of such article;

- (iii) any reference to a numbered Section, Part or Schedule shall, unless stated otherwise, be a reference to the Section, Part or Schedule bearing that number in the Companies Act 1985 (subject to the provisions of paragraph (b)(i));
- (iv) words importing the singular number include the plural and vice versa;
- (v) words importing the masculine gender include the feminine gender and the neuter and vice versa;
- (vi) words importing persons include companies, corporations, firms and other unincorporated bodies;
- (vii) the expression “secretary” shall mean and include the secretary and any joint, deputy or assistant secretary for the time being of the company and any person qualified in accordance with the statutes appointed by the board to perform any of the duties of the secretary or a deputy or assistant secretary;
- (viii) save as aforesaid, any words or expressions defined in the statutes shall, if not inconsistent with the subject or context, bear the same meanings in these articles except that the word “company” includes any body corporate or unincorporate;
- (ix) a special resolution shall be effective for any purpose for which an ordinary resolution is expressed to be required under any provision of these articles;
- (x) the expression “meeting of the company” shall be deemed to include, unless the context otherwise requires, a separate meeting of the holders of any class of shares and the expression “meeting” shall be construed accordingly;
- (xi) a member is “present” at a meeting if the member (being an individual) attends in person or if the member (being a corporation) attends by its duly authorised representative, who attends in person; or if the member attends by his or its duly appointed proxy, who attends in person;
- (xii) reference to a document being executed or signed include references to its being executed or signed under hand or under seal or by electronic signature or by any other method approved by the board;
- (xiii) references to any document include references to any information in visible form whether having physical substance or not; and
- (xiv) the headings contained in these articles are included for convenience only and shall not in any way affect their construction.

## II. CAPITAL

### A. ISSUES AND RIGHTS

#### Authorised share capital

3.

- (a) The share capital of the company at the date of the adoption of these articles consists of £3,040,001,000 divided into 3,000,000,000 ordinary shares of £1 each, 1,000 sterling preference shares of £1 each and 400,000 sterling preference shares of £100 each, US\$115,000,000 divided into 300,000,000 dollar preference shares of US\$0.25 each and 400,000 dollar preference shares of US\$100 each and €40,000,000 divided into 400,000 euro preference shares of €100 each.
- (b) The euro preference shares, dollar preference shares and sterling preference shares (which, for the purposes of paragraphs (b) to (d) of this article, shall not include the Series 1 Sterling Preference Shares, and any reference to “sterling preference shares” in such paragraphs shall be construed accordingly unless such reference is expressly stated to include the Series 1 Sterling Preference Shares) (together the “preference shares”) may, subject to paragraphs (c) and (d) of this article, be issued with such rights, and subject to such restrictions, as may be determined prior to the issue thereof in accordance with article 5 and so that preference shares may be issued in one or more separate series in each case having attached thereto rights and restrictions which either are identical (save as to the date from which such shares rank for dividend) with the rights and restrictions attached to any other series of preference shares or are different in any respect from the rights and restrictions attached to any such other series. The preference shares of each series shall be designated in such manner as may be so determined.
- (c) Without prejudice to paragraph (e) of this article and save as may otherwise be prescribed by special resolution of the company determining, prior to the issue thereof, the terms and conditions of any series of preference shares, each series of preference shares shall rank, in regard to participation in profits, in priority to or *pari passu* with, but not (except with the consent or sanction of the holders of the relevant series of preference shares given in accordance with article 6) junior to any other class of shares in the company and, on a return of capital on a winding up or (other than on a redemption or purchase of shares, or a reduction of share capital, permitted by the articles and under applicable law) otherwise, each series of preference shares shall rank in priority to or *pari passu* with, but not (except with the consent or sanction of the holders of the relevant series of preference shares given in accordance with article 6) junior to any other class of shares in the company.

- (d) Save as may otherwise be prescribed by special resolution of the company in regard to any series of preference shares, the preference shares shall be governed by the following provisions as to redemption:
- (i) The company shall have the right (subject to the statutes) to redeem on any redemption date all but not some only of the preference shares of any series for the time being issued and fully paid by giving to the holders of the particular preference shares to be redeemed not less than 30 days' nor more than 60 days' prior notice in writing of the relevant redemption date. The expression "redemption date" means, in relation to preference shares of any series, any date which falls not less than five years after the date (the "issue date") when such preference shares were first issued.
  - (ii) Subject as mentioned in subparagraph (i) above, there shall be paid on each preference share so redeemed the liquidation value thereof, together with the accrued and unpaid instalment of dividend thereon (whether or not declared) in respect of the period from the dividend payment date last preceding the redemption date to the redemption date (but not in respect of any earlier period).
  - (iii) Any notice of redemption given under subparagraph (i) above shall specify the applicable redemption date; the particular series of preference shares to be redeemed; the redemption price (specifying the amount of the accrued and unpaid dividend per share to be included therein); that dividends on the preference shares to be redeemed will cease to accrue on redemption; and the place or places at which the hard copies of documents of title in respect of such preference shares are to be presented and surrendered for redemption and payment of the redemption moneys is to be effected, and upon such redemption date the company shall redeem the particular preference shares to be redeemed on that date subject to the provisions of this paragraph (d) and of the statutes. No defect in the notice of redemption or in the giving thereof shall affect the validity of the redemption proceedings.
  - (iv) The provisions of this and the following subparagraphs shall have effect in relation to preference shares of any series for the time being issued and outstanding in registered form ("registered shares") and represented by certificates ("certificates") and in relation to preference shares of any series which, in accordance with article 15 and the terms and conditions thereof, are for the time being issued and outstanding in bearer form ("bearer shares") and represented by share warrants ("warrants").
  - (v) Payments in respect of the amount due on redemption of a registered share shall be made (a) in the case of euro preference shares by euro cheque drawn on a branch of a bank in London; (b) in the case of dollar preference shares by dollar cheque drawn on a branch of a bank in London or New York (as the case may be); and (c) in the case of sterling preference shares by pounds sterling cheque drawn on a branch of a bank

in London or, upon the request of the holder or joint holders not later than the date specified for the purpose in the notice of redemption, by transfer to (a) in the case of euro preference shares, a euro account maintained by the payee with a branch of a bank in London; (b) in the case of dollar preference shares, a dollar account maintained by the payee with a branch of a bank in London or New York (as the case may be); and (c) in the case of sterling preference shares, a pounds sterling account maintained by the payee with a branch of a bank in London. Such payment will be made against presentation and surrender of the hard copy of the relative certificate at the place or one of the places specified in the redemption notice.

- (vi) Payment in respect of the amount due on redemption of a bearer share shall be made (a) in the case of euro preference shares by euro cheque drawn on a branch of a bank in London; (b) in the case of dollar preference shares by dollar cheque drawn on a branch of a bank in London or New York (as the case may be); and (c) in the case of sterling preference shares by pounds sterling cheque drawn on a branch of a bank in London or, upon the request of the holder not later than the date specified for the purpose in the notice of redemption, by transfer (a) in the case of euro preference shares to a euro account maintained by the payee with a branch of a bank in London; (b) in the case of dollar preference shares to a dollar account maintained by the payee with a branch of a bank in London or New York (as the case may be); and (c) in the case of sterling preference shares to a pounds sterling account maintained by the payee with a branch of a bank in London. Such payment will be made against presentation and surrender of the hard copy of the relative warrant at the place or one of the places specified in the redemption notice. Upon the relevant redemption date all unmatured dividend coupons (if any), and any talon for additional dividend coupons, appertaining thereto (whether or not attached) shall become void and no payment will be made in respect thereof.
- (vii) All payments in respect of redemption moneys will in all respects be subject to any applicable fiscal or other laws and other regulations.
- (viii) As from the relevant redemption date the dividend on the preference shares due for redemption shall cease to accrue except on any such preference share in respect of which, upon the due surrender of the hard copy of the certificate or, as the case may be the warrant therefor in accordance with subparagraph (v) or, as the case may be, (vi) above, payment of the redemption moneys due on such redemption date shall be improperly withheld or refused in which case the said dividend, at the rate then applicable, shall be deemed to have continued and shall accordingly continue to accrue from the relevant redemption date to the date of payment of such redemption moneys. Such preference shares shall not be treated as having been redeemed until the redemption moneys in question, together with the accrued dividend thereon, shall have been paid.

- (ix) If the due date for the payment of the redemption moneys on any euro preference share is not a day (other than a Saturday or Sunday) on which (1) banks in London are open for business (2) foreign exchange dealings may be conducted in euro and (3) the Trans-European Automated Real Time Gross Settlement (TARGET or TARGET2) system (or any successor thereto determined by the company) is operating (a “euro business day”), then payment of such moneys will be made on the next succeeding day which is a euro business day (and without any interest or other payment in respect of such delay).
- (x) If the due date for the payment of the redemption moneys on any dollar preference share is not a day which is (1) a Monday, Tuesday, Wednesday, Thursday or Friday that is not a day on which banking institutions in New York City or London generally are authorised or obligated by law, regulation or executive order to close and (2) in respect of any dollar preference share on which dividends accrue at a floating rate, during the period such dividends accrue at a floating rate, a day on which dealings in US dollars are transacted in the London interbank market (a “dollar business day”), then payment of such moneys will be made on the next succeeding day which is a dollar business day (and without any interest or other payment in respect of such delay).
- (xi) If the due date for the payment of the redemption moneys on any sterling preference share is not a day (other than a Saturday or Sunday) on which banks in London are open for business (a “London business day”), then payment of such moneys will be made on the next succeeding day which is a London business day (and without any interest or other payment in respect of such delay).
- (xii) The receipt of the holder for the time being of any registered share (or in the case of joint holders the receipt of any of them) and the receipt of the person delivering the hard copy of any warrant to the place or one of the places specified in accordance with subparagraph (iii) above, in respect of the moneys payable on redemption of the registered share or, as the case may be, the bearer share, shall constitute an absolute discharge to the company.
- (xiii) Subject to the provisions of the statutes and any other applicable laws, the company may at any time purchase any preference shares in issue upon such terms and conditions as the board may think fit or as may be prescribed by the terms of issue thereof.
- (xiv) Upon the redemption or purchase of any euro preference shares the board shall have power to convert the authorised but unissued euro preference shares existing as a result of such redemption or purchase into shares of any other class of share capital into which the authorised share capital of the company is or may at any time be divided of the same nominal amount in euros as the euro preference shares or into unclassified shares of the same nominal amount in euros as the euro preference shares.



- (xv) Upon the redemption or purchase of any dollar preference shares the board shall have power to convert the authorised but unissued dollar preference shares existing as a result of such redemption or purchase into shares of any other class of share capital into which the authorised share capital of the company is or may at any time be divided of the same nominal amount in dollars as the dollar preference shares or into unclassified shares of the same nominal amount in dollars as the dollar preference shares.
- (xvi) Upon the redemption or purchase of any sterling preference shares the board shall have power to convert the authorised but unissued sterling preference shares existing as a result of such redemption or purchase into shares of any other class of share capital into which the authorised share capital of the company is or may at any time be divided of the same nominal amount in pounds sterling as the sterling preference shares or into unclassified shares of the same nominal amount in pounds sterling as the sterling preference shares.
- (e) The company may at any time or from time to time, without the consent or sanction of the holders of the sterling preference shares, the dollar preference shares or the euro preference shares of any series, create and issue further preference shares or other share capital (“further shares”) of one or more series ranking as regards participation in the profits and assets of the company *pari passu* with, or junior to, the sterling preference shares, the dollar preference shares and euro preference shares of any series, but not (other than on a redemption or purchase by the company of any such shares, or a reduction of share capital, permitted by the articles and under applicable law) in priority thereto unless the holders of each class of sterling preference shares, dollar preference shares and euro preference shares to which such shares are to rank in priority have so sanctioned or consented thereto in accordance with article 6, and so that, save as aforesaid and save as may otherwise be expressly provided by the terms of issue of the sterling preference shares, dollar preference shares or euro preference shares or further shares of any series, the further shares of any series may either carry rights identical in all respects (except as regards the date from which such shares rank for dividend) with the sterling preference shares, dollar preference shares or euro preference shares of any series or carry rights differing therefrom in any respect including, but without limitation, in that:
  - (i) the rate and/or basis of calculating dividends may differ and the dividend may be cumulative or non-cumulative;
  - (ii) such shares may rank for dividends as from such date as may be provided by the terms of issue thereof and the dates for payment of dividend may differ;

- (iii) such shares may be denominated in any currency or, if permitted by law, any basket of currencies;
- (iv) a premium may be payable on return of capital or there may be no such premium;
- (v) such shares may be redeemable at the option of the company or may be non-redeemable;
- (vi) different or no restrictions may apply in the event a dividend is not paid on such shares on a scheduled dividend payment date therefor; and
- (vii) such shares may be convertible into ordinary shares or any other class of shares ranking as regards participation in the profits and assets of the company *pari passu* with or junior to any class of the sterling preference shares, dollar preference shares or euro preference shares,

in each case on such terms and conditions as may be prescribed by the terms of issue thereof.

(f) For the purposes of this article:

- (i) “liquidation value” means the fixed amount specified as such in the terms and conditions of the relevant class of preference shares;
- (ii) references to “US\$”, “dollars” and “cents” are references to the lawful currency for the time being of the United States of America;
- (iii) references to “€” and “euro” are references to the lawful currency of the member states of the European Union that have adopted or adopt the single currency in accordance with the Treaty establishing the European Community, as amended from time to time;
- (iv) references to “£” and “sterling” are references to the lawful currency for the time being of the United Kingdom.

### **Series 1 Sterling Preference Shares**

3(A)

- (a) The Series 1 Sterling Preference Shares shall be issued with the rights and subject to the restrictions set out in this article 3 (A) and with such other rights and subject to such other restrictions as may be determined prior to the issue thereof in accordance with article 5.
- (b) The Series 1 Sterling Preference Shares shall rank, in regard to participation in profits, in priority to the ordinary shares and *pari passu* with the euro preference shares issued as 4.875% Non-Cumulative Callable Euro Preference Shares, Series 1 on 8 December 2004 (the “Series 1 Euro Preference Shares”) and, on a return of capital on a winding up or (other than on a redemption or purchase of shares, or a reduction of share capital, permitted by the articles and under

applicable law) otherwise, the Series 1 Sterling Preference Shares shall rank in priority to the ordinary shares and *pari passu* with the Series 1 Euro Preference Shares.

- (c) Save as may otherwise be prescribed by special resolution of the company, the Series 1 Sterling Preference Shares shall be governed by the following provisions as to redemption:
- (i) The company shall have the right (subject to the statutes) to redeem on any redemption date all but not some only of the Series 1 Sterling Preference Shares for the time being issued and fully paid by giving to the holders of the Series 1 Sterling Preference Shares to be redeemed not less than 5 days' prior notice in writing of the relevant redemption date. The expression "redemption date" means, in relation to the Series 1 Sterling Preference Shares, any date which falls later than 1 January 2005.
  - (ii) Subject as mentioned in subparagraph (i) above, there shall be paid on each Series 1 Sterling Preference Shares so redeemed the nominal amount thereof, together with the accrued and unpaid instalment of dividend thereon (whether or not declared) in respect of the period from the dividend payment date last preceding the redemption date (or if none, the issue date) to the redemption date and any accumulated arrears of dividend thereon.
  - (iii) Any notice of redemption given under subparagraph (i) above shall specify the applicable redemption date; the redemption price (specifying the amount of the accrued and unpaid dividend per share to be included therein); that dividends on the Series 1 Sterling Preference Shares to be redeemed will cease to accrue on redemption; and the place or places at which certificates ("certificates") in respect of such Series 1 Sterling Preference Shares are to be presented and surrendered for redemption and payment of the redemption moneys is to be effected, and upon such redemption date the company shall redeem the particular Series 1 Sterling Preference Shares to be redeemed on that date subject to the provisions of this paragraph (iii) and of the statutes. No defect in the notice of redemption or in the giving thereof shall affect the validity of the redemption proceedings.
- (d) Series 1 Sterling Preference Shares shall be issued in registered form only ("registered shares") and shall be represented by certificates.
- (e) Payments in respect of the amount due on redemption of a registered share shall be made by pounds sterling cheque drawn on a branch of a bank in London or, at the request of the holder not later than the date specified for the purpose in the notice of redemption, by transfer to a pounds sterling account maintained by the payee with a branch of a bank in London. Such payment may, at the election of the company, be made against presentation and surrender of the hard copy of the relevant certificate at the place or one of the places specified in the redemption notice.

- (f) All payments in respect of redemption moneys will in all respects be subject to any applicable fiscal or other laws and other regulations.
- (g) As from the relevant redemption date the Series 1 Sterling Preference Shares shall be redeemed and the dividend on the Series 1 Sterling Preference Shares due for redemption shall cease to accrue except on any such Series 1 Sterling Preference Shares in respect of which, upon the due surrender of the hard copy of the certificate in accordance with subparagraph (c)(iii) above, payment of the redemption moneys due on such redemption date shall be improperly withheld or refused in which case the said dividend, at the rate then applicable, shall be deemed to have continued and shall accordingly continue to accrue from the relevant redemption date to the date of payment of such redemption moneys. Such Series 1 Sterling Preference Shares shall not be treated as having been redeemed until the redemption moneys in question, together with the accrued dividend thereon, shall have been paid.
- (h) If the due date for the payment of the redemption moneys on any Series 1 Sterling Preference Shares is not a day (other than a Saturday or Sunday) on which banks in London are open for business (a "London business day"), then payment of such moneys will be made on the next succeeding day which is a London business day (and without any interest or other payment in respect of such delay).
- (i) The receipt of the holder for the time being of any registered share (or in the case of joint holders the receipt of any of them) in respect of the moneys payable on redemption of the registered share shall constitute an absolute discharge to the company.
- (j) Subject to the provisions of the statutes and any other applicable laws, the company may at any time purchase any Series 1 Sterling Preference Shares in issue upon such terms and conditions as the board may think fit or as may be prescribed by the terms of issue thereof.

#### **Redemption and purchase of the company's shares**

4.

- (k) Subject to the provisions of the statutes and to the rights conferred on the holders of any other shares and to any necessary amendment to these articles, any share may be issued on terms that it is, or at the option of the company or the holder thereof is to be liable, to be redeemed.
- (l) The company may purchase its own shares (including any redeemable shares) subject to the provisions of the statutes and of these articles and, if there is in issue any class of convertible shares for the time being forming part of the capital of the company, to the holders of not less than three-quarters of such class giving their approval in writing or, alternatively, to a special resolution approving the purchase being passed at a separate meeting of the holders of such class, in each case in accordance with the terms of issue of such convertible shares.

#### **Issue of shares with special rights or restrictions**

5. Without prejudice to any rights for the time being conferred on the holders of any shares or class of shares (which rights shall not be varied or abrogated, except with such consent or sanction as is provided by article 6) any share in the company may be allotted and issued with such preferred, deferred or other rights, or such restrictions, whether in regard to dividend, return of capital, voting, conversion or otherwise, as the company may from time to time by ordinary or special resolution determine (or, failing such determination, as the board may determine) provided that no share shall be issued carrying any right of conversion into ordinary shares in the company without the approval of the company by special resolution.

#### **Variation of rights attaching to a class of shares**

6. If the capital shall be divided into different classes of shares, the special rights attached to any class of shares may, subject to the provision of the statutes, be varied or abrogated either with the consent in writing of the holders of three-fourths of the issued shares of the class or with the sanction of a special resolution passed at a separate general meeting of the holders of the shares of the class (but not otherwise) and may be so varied or abrogated either whilst the company is a going concern or during or in contemplation of a winding up.

#### **Conduct of class meetings**

7. Any meeting for the purpose of article 6 shall be convened and conducted in all respects as nearly as possible in the same way as a general meeting of the company and all the provisions of these articles as to such general meetings shall mutatis mutandis apply, provided that:
  - (a) no member (other than a director) shall be entitled to notice of such meeting, unless he holds shares of the class intended to be affected by the resolution;
  - (b) no person (other than a director or the duly appointed proxy or duly authorised representative of a member entitled to shares of the class intended to be affected by the resolution) shall be entitled to attend at such meeting unless he holds shares of that class;
  - (c) votes shall only be given in respect of shares of the class intended to be affected by the resolution;
  - (d) at any such meeting (other than an adjourned meeting) the quorum shall be two qualifying persons present and entitled to vote and holding, representing or authorised to exercise voting rights in respect of, at least one-third in nominal value of the issued shares of the class (excluding any shares of that class held as treasury shares), and the quorum for an adjourned meeting shall be one qualifying person present and entitled to vote and holding, representing or authorised to exercise voting rights in respect of, a share or shares of that class;
  - (e) a poll may be demanded at any such meeting by any holder of shares of the class intended to be affected by the resolution present in person or by proxy or (being a corporation) by its duly authorised representative and entitled to vote at the meeting; and

- (f) on a show of hands every holder of shares of that class who (being an individual) is present in person or by duly appointed proxy or (being a corporation) is present by a duly appointed representative shall have one vote, and on a poll every such holder present in person or by proxy or (being a corporation) by a duly appointed representative shall have one vote in respect of every share of that class held by him.

For the purposes of determining whether a quorum is present at a meeting (other than an adjourned meeting) as referred to above in this article, where a person is present by one or more proxies, he is treated as holding only the shares in respect of which any such proxy is authorised to exercise voting rights.

**Special rights not varied by an issue of further shares of the class**

8. The special rights attached to any class of shares having preferential rights shall not (unless otherwise expressly provided by the terms of issue thereof) be deemed to be altered by the creation or issue of further shares ranking as regards participation in the profits or assets of the company in some or all respects *pari passu* therewith but in no respect in priority thereto.

**Financial assistance for the acquisition of the company's shares**

9. Save to the extent prohibited by the statutes or otherwise by law, the company shall be entitled, subject to and in accordance with the provisions of the statutes, to give financial assistance directly or indirectly for the purpose of the acquisition or proposed acquisition of any shares in the company or any company of which it is a subsidiary or for the purpose of reducing or discharging any liability incurred by any person for the purpose of acquiring any shares in the company or any company of which it is a subsidiary.

**Disqualification from voting**

10. No member shall, unless the board otherwise determines, be entitled in respect of any share held by that member to vote either personally or by proxy at any meeting of the company or to exercise any other right conferred by membership in relation to any such meeting if any call or other sum presently payable by the member in respect of that share remains unpaid.

**B. ALLOTMENT OF SHARES**

**Unissued shares at disposal of the board**

11. Subject to the provisions of the statutes and to the board being duly authorised in accordance with article 12, all unissued shares for the time being in the capital of the company shall be at the disposal of the board which may offer, allot, grant options over or otherwise dispose of them to such persons, at such times and on such terms as the board may decide.

### Allotment authority of the board

12.

- (a) By an ordinary or special resolution of the company fixing the prescribed period and the Section 80 amount for the purposes of this article the board may be generally and unconditionally authorised pursuant to Section 80 to exercise for each prescribed period so fixed all the powers of the company to allot relevant securities up to an aggregate nominal amount equal to the Section 80 amount.
- (b) Pursuant to and within the terms of the said authority the board shall be empowered during each prescribed period to allot equity securities wholly for cash:
  - (i) in connection with a rights issue; and
  - (ii) otherwise than under sub-paragraph (i), up to an aggregate nominal amount equal to the Section 89 amount (if any) fixed by a special resolution of the company in respect of the relevant prescribed period;  
as if Section 89(1) did not apply to such allotment.
- (c) The said authority and power shall permit the company to make any offer or agreement during a prescribed period which would or might require relevant securities or, as the case may be, equity securities to be allotted after the expiry of such period and the board may, notwithstanding such expiry, allot relevant securities or, as the case may be, equity securities in pursuance of such offer or agreement.
- (d) For the purposes of this article:
  - (i) “rights issue” means an offer of securities open for acceptance for a period fixed by the board to holders of ordinary shares registered as such on a specified record date in proportion to their then holdings of such shares but subject to such exclusions or other arrangements as the board may deem necessary or expedient in relation to fractional entitlements or legal or practical problems or costs under the laws of, or the requirements of any regulatory or stock exchange authority in, any territory or in relation to shares represented by depositary receipts;
  - (ii) “prescribed period” means any period (not exceeding 5 years from the passing of the relevant resolution on any occasion) for which the authority referred to in paragraph (a) is conferred by ordinary or special resolution of the company stating the Section 80 amount;
  - (iii) “the Section 80 amount” shall for any prescribed period be that stated in the relevant ordinary or special resolution of the company or any increased amount fixed by ordinary resolution of the company;
  - (iv) “the Section 89 amount” shall for any prescribed period be that stated in the relevant special resolution of the company; and

- (v) “relevant securities” and “equity securities” shall bear the meanings attributed thereto by Sections 80 and 94 respectively.
- (e) Nothing in this article shall affect any authority or power conferred on the board for the purposes of Section 80 and/or Section 95 prior to the adoption of these articles.

**Power to pay commission and brokerage on subscription of shares**

13. In addition to all other powers of paying commissions, the company may pay commissions to persons subscribing or procuring subscriptions for shares in the company, or agreeing to do so whether absolutely or conditionally, in the manner and to the extent permitted by Section 97. The company may also, on any issue of shares, pay such brokerage as may be lawful. Such commission or brokerage may be satisfied in cash or by the allotment and issue of shares paid up fully or in part, or in a combination of cash and the allotment and issue of such shares.

**Trusts in relation to shares not to be recognised**

14. Except as required by law, no person shall be recognised by the company as holding any share upon any trust, and (except only as by these articles or by law otherwise provided) the company shall not be bound by or recognise (even when having notice thereof) any equitable, contingent, future or partial interest in any share, or any interest in any fractional part of a share, or any other right in respect of any share, except an absolute right to the entirety thereof in the holder.

**Issue of warrants**

- 15.
- (a) The company may, with respect to fully paid shares, issue share warrants in hard copy form stating that the bearer is entitled to the shares specified therein, and may provide by coupons or otherwise for the payment of future dividends or other moneys on or in respect of the shares included in such share warrants.
  - (b) A share warrant shall entitle the bearer thereof to the shares included in it, and the shares may be transferred by the delivery of the hard copy of the share warrant, and the provisions of these articles with respect to transfer and transmission of shares shall not apply thereto. The method or system of sealing (if required) and signature (if any) of warrants shall be as for share certificates under article 16.
  - (c) The board shall be at liberty to accept a certificate (in such form and from such person as the board may approve) to the effect that a specified person is shown in the records of the person issuing such certificate as being entitled to the shares comprised in a specified share warrant as sufficient evidence of the facts stated in such certificate, and may treat the deposit of such certificate at such place as is specified from time to time by the board as equivalent to the deposit thereof of the share warrant, and may (*inter alia*) allot to the person named in such certificate any shares to which the bearer of the share warrant referred to in such certificate may be entitled and the right of the allottee to the allotment shall not, after allotment, be questioned by any person.



- (d) The board may determine, and from time to time vary, the conditions upon which share warrants shall be issued, and in particular (but without limitation) upon which a new share warrant or coupon will be issued in the place of one worn out, defaced, lost or destroyed (provided that no new share warrant may be issued to replace one that has been lost unless the board is satisfied beyond reasonable doubt that the original share warrant has been destroyed), upon which (subject as hereinafter provided) the bearer of a share warrant shall be entitled to attend and vote at meetings of the company, and upon which a share warrant may be surrendered and the name of the holder entered in the register in respect of the shares therein specified. Subject to such conditions and to these articles, the bearer of a share warrant shall be subject to the conditions for the time being in force relating to share warrants, whether made before or after the issue of such share warrant.
- (e) Subject to any conditions for the time being in force relating to share warrants and as otherwise expressly provided in these articles, the bearer of a share warrant may at any time deposit the hard copy of the share warrant at such place as the board may from time to time appoint and so long as the share warrant remains so deposited, the depositor shall have the same right of signing a requisition for calling a meeting of the company, of giving notice of intention to submit a resolution to a meeting and of attending and voting, appointing a proxy and exercising the other privileges of a member at any meeting held after the expiration of 48 hours from the time of deposit, as if his or her name were inserted in the register as the holder of the shares included in the deposited share warrant, provided that in the case of a share warrant deposited elsewhere than at any office of the company the depositor shall have obtained from the person with whom the same is deposited a certificate of such deposit in such form as the board may require specifying, *inter alia*, the share warrants and the number of shares included therein, and shall have lodged the same at such first- mentioned place not less than 48 hours before the time of the meeting at which the depositor desires to attend or to be represented. Not more than one person shall be recognised as a depositor of any share warrant. Every share warrant which shall have been so deposited as aforesaid shall remain so deposited until after the closing of the meeting at which the depositor desires to attend or to be represented.
- (f) Subject to any conditions for the time being in force relating to share warrants and as otherwise expressly provided in these articles, no person shall, as bearer of a share warrant, be entitled to sign a requisition for calling a meeting of the company or give notice of intention to submit a resolution to a meeting or attend or vote or appoint a proxy or exercise any other privilege of a member at a meeting of the company, or be entitled to receive any notices from the company, but the bearer of a share warrant shall be entitled in all other respects to the same privileges and advantages, and shall be subject to the provisions of these articles, as if he or she were named in the register as the holder of the shares included in the share warrant, and he or she shall be deemed to be a member of the company.

## C. CERTIFICATES

### Form of share certificates and method of execution

16. Every share certificate shall be issued in hard copy form under the seal or the securities seal (or, in the case of shares on an overseas branch register, an official seal for use in the relevant territory) or signed (whether personally or otherwise and including by facsimile signature, howsoever applied) by a director and the secretary or by two directors. Each certificate shall specify the number and class of shares to which it relates, the amount paid up thereon and the distinguishing numbers (if any) of the shares to which it relates. No certificate shall be issued representing shares of more than one class.

### Entitlement to receive share certificates

- 17.
- (a) Subject to the provisions of article 18, every person whose name is entered as a member in the register shall be entitled without payment to one certificate for all the shares of any one class registered in his or her name. The hard copy of any certificate or certificates to which any person is entitled hereunder shall (unless the terms of issue of the relevant shares otherwise provide) be delivered:
- (i) in the case of issue, within one month after allotment; or
  - (ii) in the case of a transfer of shares (whether fully or partly paid), within one month after lodgement of the relevant instrument of transfer.
- Every certificate despatched by the company shall be sent at the risk of the person entitled thereto.
- (b) If and so long as all the issued shares, or all the issued shares of a particular class, in the capital of the company are fully paid up and rank *pari passu* for all purposes, none of those shares shall bear a distinguishing number. In all other cases each share which is not fully paid up shall bear a distinguishing number.

### Maximum number of joint holders

18. The company shall not be bound to register more than four persons as the joint holders of any share or shares (except in the case of executors or trustees of a member) and in the case of a share held jointly by several persons the company shall not be bound to issue more than one certificate therefor and delivery of a certificate to one of joint holders shall be sufficient delivery to all.

**Balance share certificates**

19. Where a member has transferred some only of the shares comprised in a share certificate, the old certificate shall be cancelled and a new certificate for the balance of such shares shall be issued in lieu without charge.

**Issue of replacement share certificates**

- 20.
- (a) Any two or more certificates representing shares of any one class held by any member may at such member's request be cancelled and a single new certificate for such shares issued in lieu subject, if the board so requires, to payment of the reasonable out of pocket expenses of the company in providing the same.
  - (b) If any member shall surrender for cancellation a share certificate in hard copy form representing shares held by him or her and request the company to issue in lieu two or more share certificates representing such shares in such proportions as he or she may specify, the board may, if it thinks fit, comply with such request upon payment of the reasonable out of pocket expenses of the company in providing the same.
  - (c) If a share certificate shall be damaged, defaced, worn out or alleged to have been lost, stolen or destroyed, a new certificate representing the same shares may be issued to the holder upon request subject, unless the board otherwise agrees, to delivery up of the old certificate or (if it shall be alleged to have been lost, stolen or destroyed) compliance with such conditions as to evidence and indemnity (if any) and the payment of any exceptional out of pocket expenses of the company in connection with the request as the board may think fit but without any further or other charge.
  - (d) In the case of shares held jointly by several persons any such request may be made by any one of the joint holders.

**Uncertificated shares**

21. Subject to the statutes, the company may issue shares in uncertificated form and permit the same (whether or not in such form) to be transferred without the production of written forms of transfer or the creation of certificates and the board may from time to time lay down regulations governing such issue and transfer, which regulations shall (to the extent they specify) operate in substitution for the relevant provisions of these articles governing certificates and the transfer of shares.

**D. CALLS ON SHARES****Board may make calls**

22. Subject to the provisions of these articles and to the terms of allotment thereof, the board may from time to time make calls upon the members in respect of any moneys unpaid on their shares and each member shall (subject to receiving at least 14 days' notice in

writing specifying the time or times and place of payment) pay to the company at the time or times and place so specified the amount called on his or her shares. A call may at any time before receipt by the company of a sum due thereunder be revoked in whole or in part, and payment of a call may in whole or in part be postponed, as the board may determine. A person upon whom a call is made shall remain liable for calls made upon him or her notwithstanding the subsequent transfer of the shares in respect of which the call was made.

#### **When a call is deemed to be made**

23. A call shall be deemed to have been made at the time when the resolution of the board authorising the call was passed and may be required to be paid by instalments.

#### **Liabilities of joint holders**

24. The joint holders of a share shall be jointly and severally liable to pay all calls, instalments, interest and other monies payable in respect thereof.

#### **Interest on unpaid calls**

25. If a sum called in respect of any share or any money payable on a share under the terms of allotment is not paid before or on the day appointed for payment thereof, the person from whom the sum is due shall pay interest on the sum from the day appointed for payment thereof to the time of actual payment at such rate (not exceeding 20 per cent. per annum) as the board may determine and interest at that rate shall be payable after as well as before any order of a court. Such person shall also pay all costs, charges and expenses which the company may have incurred or become liable for in seeking payment of, or in consequence of such non-payment of, such call or instalment, but the board shall be at liberty to waive payment of such interest, costs, charges and expenses wholly or in part.

#### **Sums payable on allotment or at any fixed time deemed to be a call**

26. Any sum or non-cash consideration which by the terms of allotment of a share or pursuant to the statutes is or becomes due upon allotment or at any fixed date thereafter whether on account of the nominal amount of the share or by way of premium shall for all the purposes of these articles be deemed to be a call duly made and due on the date on which, by the terms of allotment or pursuant to the statutes, the same becomes due. In the case of non-payment, all the relevant provisions of these articles as to payment of interest, costs, charges and expenses, forfeiture or otherwise shall apply as if such sum had become due by virtue of a call duly made and notified.

#### **Board's power to differentiate regarding calls**

27. The board may on the issue of shares differentiate between the shares issued as to the amount of calls to be paid and the times of payment.

#### **Payment for shares in advance of calls**

28. The board may, if it thinks fit, receive from any member willing to advance the same all or any part of the money unpaid upon the shares held by such member beyond the sums

actually called up thereon as a payment in advance of calls, and such payment in advance of calls shall to that extent extinguish the liability on the shares in respect of which it is advanced. The company may (but shall not be obliged to) pay interest upon the money so received (until and to the extent that such sum would but for such advance become payable) at such rate as the member paying such sum and the board agree upon.

#### **E. FORFEITURE AND LIEN**

##### **Service of notice requiring payment of unpaid calls**

29. If a member fails to pay in full any call or instalment of a call before or on the day appointed for payment thereof, the board may at any time thereafter serve a notice in writing on such member (or on the person becoming entitled to the share by transmission on death or bankruptcy or otherwise by operation of law) requiring payment of so much of the call or instalment as is unpaid, together with any interest which may have accrued and any costs, charges and expenses incurred by the company by reason of such non-payment.

##### **Contents of notice requiring payment of unpaid calls**

30. The notice shall name a further day (not earlier than 14 days from the date of service thereof) on or before which, and the place where, the payment required by the notice is to be made, and shall state that in the event of non-payment at or before the time and at the place appointed the shares on which the call was made or instalment is payable will be liable to be forfeited.

##### **Forfeiture of shares**

31. If the requirements of any such notice as aforesaid are not complied with, any share in respect of which such notice has been given may at any time thereafter, before payment of all amounts specified in such notice as being due has been received by the company, be forfeited by a resolution of the board to that effect. Such forfeiture shall include all dividends declared on the forfeited share and not actually paid before the forfeiture and any dividends on such share which may have been declared and paid but which have not been claimed by the payee at the date of the resolution of the board by which such share is forfeited. The board may accept the surrender of any share liable to be forfeited hereunder and in such case references in these articles to forfeiture shall include surrender.

##### **Service of notice of forfeiture**

32. When any share has been forfeited, notice in writing of the forfeiture shall be served upon the person who was before the forfeiture the holder of that share (or the person entitled thereto by transmission as aforesaid) and an entry of such notice having been given, and of the forfeiture, with the date thereof, shall be made forthwith in the register opposite the entry in respect of the share; but no forfeiture shall be in any manner invalidated by any omission or neglect to give such notice or make such entry as aforesaid.

**Forfeited shares to become the company's property**

33. Upon being forfeited a share shall become the property of the company and at any time thereafter may be sold, re-allotted (subject to the provisions of these articles) or otherwise disposed of, either to the person who was before forfeiture the holder thereof or entitled thereto, or to any other person, upon such terms and in such manner as the board shall think fit including the remission of the whole or any part of the interest made payable by article 25. At any time before such a sale, re-allotment or disposal the forfeiture may be annulled or cancelled on such terms as the board thinks fit. The board may, if necessary, authorise some person to transfer a forfeited share to any person as aforesaid.

**Former holder of forfeited shares remains liable for unpaid calls**

34. A person whose shares have been forfeited shall cease to be a member in respect of the forfeited shares but shall notwithstanding the forfeiture remain liable to pay to the company all moneys which at the date of forfeiture were presently payable by him or her to the company in respect of the shares, with interest thereon at such rate (not exceeding 20 per cent. per annum) as the board may determine, from the date of forfeiture until payment (after as well as before any order of court), but the board may waive payment of such interest either wholly or in part and the board may enforce payment without any allowance for the value of the shares at the time of forfeiture or for any consideration received on their disposal.

**Company's lien on partly paid shares**

35. The company shall have a first and paramount lien on every share (not being a fully paid share) for all moneys (whether presently payable or not) payable at a fixed time or called in respect of that share. The company shall also have a first and paramount lien on all shares (other than fully paid shares) standing registered in the name of a single member for all the debts and liabilities of such member or his or her estate to the company. Such liens shall apply whether before or after notice is given to the company of any equitable or other interest of any person other than the holder or holders of such share, whether the time for payment or discharge of the same shall have arrived or not and notwithstanding that the same are joint debts or liabilities of such holder or his or her estate and any other person whether a member of the company or not; but the board at any time may waive any lien which has arisen and may resolve that any share shall be (or be issued on terms that it is) wholly or in part exempt from the provisions of this article. The company's lien, if any, on a share shall extend to all dividends or other moneys payable thereon or in respect thereof.

**Enforcement of lien by sale and application of proceeds of sale**

- 36.
- (a) The company may sell, in such manner as the board thinks fit, all or any of the shares on which the company has a lien, but no sale shall be made unless some sum in respect of which the lien exists is presently payable, nor until the expiration of 14 days after a notice in writing stating and demanding payment of the sum presently payable, and giving notice of intention to sell in default, shall

have been given to the holder for the time being of the shares or the person entitled to the shares by reason of the death or bankruptcy of such holder or otherwise by operation of law.

- (b) The net proceeds of such sale, after payment of the costs thereof, shall be applied in or towards payment or satisfaction of the debt or liability in respect whereof the lien exists, so far as the same is presently payable, and any residue shall (subject to a like lien for debts or liabilities not presently payable as existed upon the shares prior to the sale) be paid to the person entitled to the shares at the time of the sale. For giving effect to any such sale the board may authorise some person to transfer the shares sold to the purchaser.

#### **Statutory declaration as evidence of forfeiture or enforcement of lien**

- 37. A statutory declaration signed by the declarant stating that he or she is a director or the secretary of the company and that a share has been duly forfeited or sold to satisfy a lien of the company on a date stated in the declaration shall be conclusive evidence of the facts therein stated as against all persons claiming to be entitled to the share. Such declaration and the receipt of the company for the consideration (if any) given for the share on the sale, re-allotment or disposal thereof, together with the certificate for the share delivered to a purchaser or allottee thereof, shall (subject to the execution of a transfer if the same be required) constitute a good title to the share and the person to whom the share is sold, re-allotted or disposed of shall be registered as the holder of the share and shall be discharged from all calls, interest and expenses (if any) in connection therewith made or incurred prior to such sale, re-allotment or disposal and shall not be bound to see to the application of the consideration (if any) nor shall his or her title to the share be affected by any irregularity or invalidity in the proceedings in relation to the forfeiture, sale, re-allotment or disposal of the share.

### **F. TRANSFER OF SHARES**

#### **Form of transfers**

- 38. Subject to the provisions of article 21, all transfers of shares shall be effected by transfer in writing in any usual or common form or in any other form which the board may approve.

#### **No registration fees payable**

- 39. No fee shall be charged on the registration of any instrument of transfer or probate, letters of administration, certificate of death or marriage, power of attorney, stop notice or other instrument relating to or affecting the title to any shares or otherwise for making any entry in the register affecting the title to any shares.

#### **Execution of transfers**

- 40. The instrument of transfer of a share shall be executed by or on behalf of the transferor, and the transferor shall be deemed to remain the holder of the share until the name of the transferee is entered in the register in respect thereof. In the case of a partly paid share the instrument of transfer must also be executed by or on behalf of the transferee.

#### **Board's power to refuse to register transfers in certain cases**

41.

- (a) The board may, in its absolute discretion, decline to register any transfer of shares (not being fully paid shares).
- (b) The board may also decline to register any transfer of shares to an infant or person in respect of whom an order has been made by any competent court or official on the ground that such person is or may be suffering from mental disorder or is otherwise incapable of managing his or her own affairs.
- (c) If the board declines to register a transfer of any shares, it shall, within two months after the date on which the transfer was lodged with the company, send to the transferee notice in writing of the refusal together with its reasons for refusal.

#### **General conditions as to transfer**

42. Subject to the provisions of article 21, the board may also decline to register any instrument of transfer, unless the instrument of transfer:

- (a) is duly stamped (if required by law) and is deposited at the transfer office or such other place as the board may prescribe and is accompanied by the certificate for the shares to which it relates and such other evidence (if any) as the board may reasonably require to show the right of the transferor to make the transfer (and if the instrument of transfer is executed by some other person on the transferor's behalf the authority of that person so to do); and
- (b) is in respect of one class of share only; and
- (c) is in favour of not more than four transferees (except in the case of executors or trustees of a member).

#### **Temporary suspension of the registration of transfers**

43. Subject to the statutes, the registration of transfers of shares or of any class of shares in the capital of the company may be suspended at such times and for such periods as the board may from time to time determine provided always that such registration shall not be suspended for more than 30 days in any calendar year.

#### **Company to retain transfers and power of company to destroy transfers and related documents**

44.

- (a) Subject to paragraph (b), all instruments of transfer which are registered, and the certificates for the shares to which they relate, shall be retained by the company, but any instrument of transfer which the board may decline to register shall (except in any case of fraud or suspected fraud) be returned with any accompanying certificate to the person presenting the same.



(b) Subject as hereinafter provided, the company shall be entitled to destroy:

- (i) all instruments of transfer of shares which have been registered at any time after the expiration of six years from the date of registration thereof;
- (ii) registered share certificates and dividend mandates which have been cancelled or ceased to have effect at any time after the expiration of three years from the date of such cancellation or cessation;
- (iii) all notifications of change of name or address after the expiration of three years from the date of recording thereof;
- (iv) any other document on the basis of which any entry in the register is made at any time after the expiration of six years from the date when the first entry in the register was made in respect of it;
- (v) all paid dividend warrants and cheques at any time after the expiration of one year from the date of actual payment thereof; and
- (vi) all share warrants and coupons issued under article 15, at any time after the expiration of six years from the date of surrender thereof to the company;

and it shall conclusively be presumed in favour of the company that every entry in the register purporting to have been made on the basis of an instrument of transfer or other document so destroyed was duly and properly made and that every instrument of transfer so destroyed was a valid and effective instrument duly and properly registered and that every share certificate, share warrant or coupon so destroyed was a valid and effective document duly and properly cancelled and that every other document so destroyed was a valid and effective document in accordance with the recorded particulars thereof in the books or records of the company provided that:

- (1) the provisions of this article shall apply only to the destruction of a document in good faith and without notice in writing to the company of any claim (regardless of the parties thereto) to which the document might be relevant;
- (2) nothing herein contained shall be construed as imposing upon the company any liability in respect of the destruction of any such document earlier than as aforesaid or in any case where the conditions of proviso (1) above are not fulfilled; and
- (3) references herein to the destruction of any document include references to the disposal thereof in any manner.

**Renunciation of allotment permitted**

45. The board may at any time after the allotment of any share but before any person has been entered in the register as the holder recognise a renunciation by the allottee in favour of some other person and may accord to any allottee of a share a right to effect such renunciation upon and subject to such terms and conditions as the board may think fit to impose. In this article "allottee" includes provisional allottee and any person in whose favour an allotment has been previously renounced.

**G. TRANSMISSION OF SHARES****Surviving joint holders or personal representatives alone recognised upon death of a member**

46. In the event of the death of a member, the survivors or survivor where the deceased was a joint holder, or the legal personal representatives of the deceased where he or she was a sole or only surviving holder, shall be the only persons recognised by the company as having any title to his or her interest in the shares held by such member, but nothing contained in these articles shall release the estate of a deceased member from any liability in respect of any share jointly or solely held by such member.

**Person becoming entitled to share by operation of law may be registered**

47. Subject to the provisions of these articles, any person becoming entitled to a share in consequence of the death or bankruptcy of a member or otherwise by operation of law may upon such evidence as to his or her title being produced in such form as may from time to time be reasonably required by the board, and subject as hereinafter provided, elect either to be registered as holder of the share or to have some person nominated by him or her registered as the transferee thereof.

**Person electing to be registered required to notify the company**

48. If the person becoming entitled to a share shall elect to be registered under the provisions of article 47, he or she shall deliver or send to the company a notice in writing signed by him or her stating that he or she so elects. If he or she shall elect to have another person registered, he or she shall testify such election by executing a transfer to such person of such share. All the limitations, restrictions and provisions of these articles relating to the right to transfer and the registration of transfers of shares shall be applicable to any such notice or transfer as aforesaid as if the death or bankruptcy of the member or other event had not occurred and the notice or transfer were a transfer signed by such member.

**Rights of persons entitled to a share by transmission**

- 49.
- (a) Save as otherwise provided by or in accordance with these articles, a person becoming entitled to a share in consequence of the death or bankruptcy of a member or otherwise by operation of law shall (upon supplying to the company such evidence as the board may reasonably require to show his or her title to the

share) be entitled to receive, and may give a good discharge for, any dividends and other moneys payable in respect thereof as if he or she were the registered holder thereof; such person shall also be entitled to all other advantages to which he or she would be entitled if he or she were the registered holder of the share, except that he or she shall not, before being registered as a member in respect of the share, be entitled in respect of it to receive notice of or to attend or vote at meetings of the company or to exercise any rights conferred by membership in relation to meetings of the company; provided that the board may at any time give notice requiring any such person to elect either to be registered or to transfer the share and, if the notice is not complied with within such period (being not less than 42 days) as the board may fix, the company may thereafter:

- (i) withhold payment of all dividends and other moneys payable in respect of the share (but any such action shall not constitute the company a trustee in respect of any such dividends or other moneys) and suspend any other advantages to which such person would otherwise be entitled in respect of the share until the requirements of the notice have been complied with; and/or
  - (ii) sell the share at the best price reasonably obtainable in such manner as the board thinks fit and, subject to the provisions of these articles generally, the provisions of paragraph (b) shall apply to such sale.
- (b) To give effect to any sale to be made pursuant to the provisions of this article, the board may appoint any person to execute as transferor an instrument of transfer of such shares or any of them and such instrument of transfer shall be as effective as if it had been executed by the holder of, or person so entitled by transmission to, such shares. The transferee shall not be bound to see to the application of the purchase monies nor shall his title to the shares be affected by any irregularity in or invalidity of the procedure or manner of the sale. The company shall account to the holder of, or other person so entitled to, such shares for the net proceeds of such sale, subject to a demand to account therefor being received by the company within 12 years of the date of such sale, and the company shall be deemed to be his or her debtor, and not a trustee for him or her, in respect of the same. Any moneys not accounted for to the holder of, or other person so entitled to, such shares shall be carried to a separate account. Moneys carried to such separate account may either be employed in the business of the company or invested in such investments as the board may from time to time think fit and any profits made thereby and interest or other income earned thereon shall belong to the company which shall have no obligation to account therefor to the holder of, or other person so entitled to, such shares.

## **H. ALTERATIONS OF CAPITAL**

### **Increase, consolidation, sub-division, cancellation and reduction**

50. The company may by ordinary resolution:

- (a) increase its share capital by such sum to be divided into shares of such nominal amounts, and denominated in such currency or currencies, as the resolution shall prescribe; and/or
- (b) consolidate and divide all or any of its share capital into shares of larger nominal amount than its existing shares; and/or
- (c) subject to the provisions of the statutes, sub-divide all or any of its share capital into shares of smaller nominal amount, and so that the resolution whereby any share is sub-divided may determine that, as between the holders of the shares resulting from such sub-division, one or more of the shares may have any such preferred or other special rights over, or may have such deferred rights, or be subject to any such restrictions as compared with the others, as the company has power to attach to shares upon the allotment thereof; and/or
- (d) cancel any shares which, at the date of the passing of the resolution, have not been subscribed or agreed to be subscribed by any person, and diminish the amount of its share capital by the amount of the shares so cancelled;

and may by special resolution:

- (e) reduce its share capital or any capital redemption reserve or any share premium account or any other undistributable reserve in any manner authorised by the statutes.

### **Treatment of any fractional entitlements arising on consolidation**

51. Upon any consolidation of fully paid shares into shares of larger nominal amount the board may settle any difficulty which may arise with regard thereto as it thinks fit and in particular (but without prejudice to the generality of the foregoing) may as between the holders of shares so consolidated determine which shares are consolidated into each consolidated share and in the case of any shares registered in the name of one holder (or joint holders) being consolidated with shares registered in the name of another holder (or other joint holders) may make such arrangements for the allocation, acceptance or sale of the consolidated share or any fractions thereof and for the distribution to the member entitled thereto of any moneys received in respect thereof as may be thought fit and for the purpose of giving effect thereto may appoint some person to transfer the consolidated share or any fractions thereof and to receive the purchase price therefor and any transfer executed in pursuance thereof shall be effective and after such transfer has been registered no person shall be entitled to question its validity.

### **III. GENERAL MEETINGS**

#### **A. MEETINGS AND NOTICES**

##### **Annual general meeting**

52. The company shall in each year hold a general meeting as its annual general meeting in addition to any other meetings in that year and shall specify the meeting as such in the notice calling it. Not more than 15 months shall elapse between the date of one annual general meeting of the company and the next. The annual general meeting shall be held at such time and place as the board shall determine.

##### **General meetings convened by the board**

53. The board may convene a general meeting whenever it thinks fit and at such time and place as it shall determine, and general meetings shall be convened by the board on requisition in accordance with the statutes.

##### **Length of notice**

54. In the case of an annual general meeting not less than 21 clear days' notice, and in any other case not less than 14 clear days' notice, specifying the place, the day and the hour of meeting, whether the meeting is an annual general meeting or other general meeting, and the general nature of the business to be transacted, shall be given in writing to all members (other than those who under the provisions of these articles or the conditions attaching to the shares held by them are not entitled to receive the notice) and to the auditors for the time being of the company and to every other person who by virtue of the statutes or these articles is entitled to receive notices of meetings of the company. In the case of a general meeting convened for the purpose of considering the passing of a special resolution, the notice shall specify the intention to propose the resolution as a special resolution.

##### **Short notice**

55. A general meeting may be called on shorter notice than that specified in article 54 provided that:
- (a) in the case of an annual general meeting, all the members who are entitled to attend and vote at that meeting so agree; and
  - (b) in any other case, a majority in number of the members having a right to attend and vote at that meeting (being a majority together holding not less than 95 per cent in nominal value of the shares giving that right) so agree.

##### **Notice to state right of member to appoint a proxy**

56. In every notice calling a general meeting of the company there shall appear with reasonable prominence a statement that a member entitled to attend and vote is entitled to appoint one or more proxies to attend, speak and vote instead of such member and that a proxy need not be a member.

**Notice to be given of members' resolutions upon requisition**

57. The board shall on the requisition of members in accordance with the provisions of the statutes, but subject as therein provided:
- (a) give to the members entitled to receive notice of the next annual general meeting notice of any resolution which may properly be moved and is intended to be moved at that meeting; and
  - (b) circulate to the members entitled to receive notice of any general meeting, any statement of not more than 1,000 words with respect to the matter referred to in any proposed resolution or the business to be dealt with at that meeting.

**Accidental failure or non-receipt of notice**

58. The accidental failure to give notice of a general meeting or to send, supply or make available any document or information relating to the meeting (including, but not limited to, members' statements), or the non-receipt of any such notice document or information by, any person entitled to receive any such notice, document or information shall not invalidate the proceedings at that meeting or the adjournment thereof.

**B. PROCEEDINGS AT GENERAL MEETINGS**

**Quorum**

59. No business shall be transacted at any general meeting unless a quorum is present at the time when the meeting proceeds to business. Save as in these articles otherwise provided, two qualifying persons present and entitled to vote shall be a quorum for all purposes.

**Adjournment or dissolution for lack of quorum**

60. If within 15 minutes from the time appointed for a general meeting a quorum is not present the meeting, if convened on the requisition of members, shall be dissolved. In any other case it shall stand adjourned to the same day in the next week, at the same time and place, or to such later day and at such time and place as the board or the chairman of the meeting may determine and, if at such adjourned meeting a quorum is not present within 15 minutes from the time appointed for holding the meeting, at least one qualifying person present shall be a quorum.

**Chairman of the meeting**

61. The chairman shall be entitled to preside at every general meeting, but if there be no chairman, or if at any meeting the chairman shall not be present within 15 minutes after the time appointed for holding such meeting and willing to preside, the deputy chairman, or if there shall be more than one deputy chairman and more than one be present, then one of such deputy chairmen, selected by agreement between them or in default of agreement by lot, shall be entitled to preside, and if neither the chairman nor any deputy chairman shall be present within 15 minutes as aforesaid and willing to preside, the vice-

chairman shall be entitled to preside, or if there shall be more than one vice-chairman and more than one be present, then one of such vice-chairmen, selected by agreement between them or in default of agreement by lot, shall be entitled to preside, and if there be no such chairman, deputy chairman or vice-chairman or if none of them shall be present within 15 minutes as aforesaid and willing to preside, the members present and entitled to vote shall choose another director as chairman of the meeting, or if one director only be present he or she shall preside if willing to do so. If no director is present or if all the directors present decline to take the chair, then the members present and entitled to vote shall choose one of their number to act as chairman of the meeting.

**Adjournment for other reasons**

62. The chairman of the meeting may at any time with the consent of any general meeting at which a quorum is present adjourn the meeting either sine die or to another time and at the same or a different place. When a meeting is adjourned sine die the time and place for any adjourned meeting shall be fixed by the board. No business shall be transacted at any adjourned meeting except business which might lawfully have been transacted at the meeting from which the adjournment took place.

**Notice of adjourned meeting**

63. When a meeting is adjourned for 30 days or more, not less than seven clear days' notice of the adjourned meeting shall be given. Save as aforesaid, it shall not be necessary to give any notice of an adjournment or of the business to be transacted at an adjourned meeting.

**Chairman's decision final on procedural matters**

64. The decision of the chairman of the meeting, made in good faith, on matters of procedure or arising incidentally from the business of the meeting shall be final as shall be his or her decision, acting in good faith, whether any matter is of such a nature.

**Amendments to resolutions**

65. If an amendment shall be proposed to any resolution under consideration but shall be ruled out of order by the chairman of the meeting, the proceedings on the substantive resolution shall not be invalidated by any error in the ruling. In the case of a resolution duly proposed as a special resolution, no amendment thereto (other than a mere clerical amendment to correct a manifest error) may in any event be considered or voted upon. In the case of a resolution duly proposed as an ordinary resolution, no amendment thereto (other than a mere clerical amendment to correct a manifest error) may be considered or voted upon unless notice of such proposed amendment is given to the office at least 48 hours prior to the time appointed for holding the relevant meeting or adjourned meeting or (in the absence of any such notice) the chairman of the meeting in his or her absolute discretion rules that the amendment is fit for consideration at the meeting.

**Resolution decided by show of hands or poll**

66. At any general meeting a resolution put to the vote of the meeting shall be decided on a show of hands unless before or upon the declaration of the result of the show of hands a poll is demanded by:

- (a) the chairman of the meeting; or
- (b) any member entitled to vote on the resolution.

For the purposes of (b) above, a demand by a proxy counts as a demand by the member.

Unless a poll is duly demanded (and the demand is not withdrawn), a declaration by the chairman of the meeting that a resolution has been carried, or carried unanimously or by a particular majority, or lost or not carried by a particular majority, and an entry to that effect in the minutes of the meeting, shall be conclusive evidence of that fact without proof of the number or proportion of the votes recorded for or against such resolution.

**Objections to votes and errors in counting votes etc.**

67. If any objection is raised to a person entitlement to vote on a resolution or to the counting of, or failure to count, any votes or if any votes shall be counted which ought not to have been counted or might have been rejected or if any votes shall not be counted which ought to have been counted, the objection or error shall not vitiate the resolution unless it be raised or pointed out at the same meeting and it shall in the opinion of the chairman of the meeting be of sufficient magnitude to vitiate the result of the voting. The decision of the chairman of the meeting on such matters shall be final and conclusive.

**Manner of and place for taking a poll**

68. Subject to article 71, if a poll is duly demanded it shall be taken in such manner (including the use of ballot or voting papers or tickets) and at such place and at such time as the chairman of the meeting may direct and the chairman of the meeting may appoint scrutineers (who need not be members). The result of a poll shall be deemed to be the resolution of the meeting at which the poll was demanded.

**Chairman's casting vote**

69. In the case of an equality of votes, whether on a show of hands or on a poll, the chairman of the meeting at which the show of hands takes place or at which the poll is demanded shall be entitled to a second or casting vote in addition to the vote or votes to which the chairman of the meeting may be entitled as a member or on behalf of any other member.

**When a poll has to be taken**

70. A poll on the election of a chairman of the meeting or on a question of adjournment shall if duly demanded be taken forthwith. A poll duly demanded on any other question shall be taken either forthwith or at such later time and place as the chairman of the meeting may direct not being more than 30 days from the date of the meeting at which the poll was demanded.



**Notice of a poll**

71. No notice need be given of a poll not taken forthwith if the time and place at which it is to be taken are announced at the meeting at which it is demanded. In any other case, at least seven clear days' notice shall be given specifying the time and place at which the poll is to be taken.

**Continuance of other business**

72. The demand for a poll shall not prevent the continuance of the meeting for the transaction of any business other than the question on which the poll has been demanded.

**Demand for a poll may be withdrawn**

73. A demand for a poll may, before the poll is taken, be withdrawn but only with the consent of the chairman of the meeting. If a demand for a poll is so withdrawn:
- (a) before the result of a show of hands is declared, the meeting shall continue as if the demand had not been made; or
  - (b) after the result of a show of hands is declared, the demand shall not be taken to have invalidated the result of that show of hands.

**Directors entitled to attend and speak at general meetings**

74. Each director (or, in the absence of a director, his or her alternate director, if any) shall be entitled to attend and speak at any meeting of the company.

**C. VOTES OF MEMBERS****Voting rights**

75. Subject to any special rights or restrictions as to voting attached to any shares by or in accordance with these articles or their terms of issue (including, without limitation, the dollar preference shares), on a show of hands every member who (being an individual) is present in person or by duly appointed proxy or (being a corporation) is present by a duly authorised representative at any meeting of the company and entitled to vote shall have one vote and on a poll every member present in person or by proxy or (being a corporation) by duly authorised representative and entitled to vote shall have one vote for every £1 of nominal capital held by such member.

**Voting by joint holders**

76. In the case of joint holders of a share, any one of such holders may vote at any meeting of the company at which he is entitled to vote either in person or by proxy in respect thereof as if he or she were the sole holder thereof, but the vote of the senior who tenders a vote, whether in person or by proxy, shall be accepted to the exclusion of the votes of the other joint holders, and for this purpose seniority shall be determined by the order in which the names stand in the register in respect of the share.

**Voting on behalf of member incapable of managing own affairs**

77. A member entitled to vote at a meeting of the company and in respect of whom an order has been made by any competent court or official on the ground that such member is or may be suffering from mental disorder or is otherwise incapable of managing his or her own affairs may vote, whether on a show of hands or on a poll, by any person authorised in such circumstances to do so on his or her behalf and such person may on a poll vote by proxy, provided that evidence to the satisfaction of the board of the authority of the person claiming to exercise the right to vote shall have been delivered to the transfer office or at such other address within the United Kingdom as is specified in the notice convening the meeting not later than the last time by which an instrument of proxy had to be delivered in order to be valid for use at that meeting or on the holding of that poll, and in default the right to vote shall not be exercisable.

**Member need not cast his or her votes all in same way**

78. On a poll, a member entitled to more than one vote need not, if such member votes, use all his or her votes or cast all the votes he or she uses in the same way.

**Execution of an instrument of proxy**

79. The instrument appointing a proxy shall be in writing signed by the appointor or the appointor's duly authorised agent or, if the appointor is a corporation, executed in accordance with Section 44 of the Companies Act 2006 or signed on its behalf by a duly authorised officer or agent. The board may, but shall not be bound to, require evidence of the authority of any such officer or agent. The signature on such instrument need not be witnessed. A proxy need not be a member. If more than one proxy is so appointed, the instrument appointing each such proxy shall specify the shares held by the member in respect of which each such proxy is to vote. If two or more valid but differing instruments of proxy are delivered in respect of the same share for use at the same meeting or poll, the one which is last received by the company (regardless of its date or of the date of its execution) shall be treated as replacing and revoking the others as regards such share and if the board is unable to determine which was last received, none of them shall be treated as valid in respect of that share.

**Deposit of instrument of proxy—duration of validity of instrument of proxy**

- 80.
- (a) The instrument appointing a proxy and the power of attorney or other authority (if any) under which it is executed, or a copy of such power or authority certified notarially or in some other way approved by the board, shall be delivered to the transfer office, or to such other address within the United Kingdom as is specified in the notice convening the meeting or in the instrument of proxy issued by the company in relation to that meeting, not less than 48 hours before the time appointed for holding the meeting or adjourned meeting at which the person named in the instrument proposes to vote or, in the case of a poll taken subsequently to the date of a meeting or adjourned meeting, not less than 24 hours before the time appointed for the taking of the poll, and in default the instrument of proxy shall not be treated as valid. An instrument of

proxy relating to more than one meeting (including any adjournment thereof) having once been so delivered for the purposes of any meeting shall not, however, require again to be delivered in relation to any subsequent meeting to which it relates.

- (b) No instrument appointing a proxy shall be valid after the expiration of six months from the date named in it as the date of its execution, except at an adjourned meeting or on a poll demanded at a meeting or an adjourned meeting in cases where the meeting was originally held within six months from such date.
- (c) Delivery of an instrument appointing a proxy shall not preclude a member from attending and voting in person at the meeting or poll concerned, in which event the attendance of the member at the meeting or the poll shall forthwith revoke the authority of the proxy in relation to that meeting or poll.

#### **Instrument of proxy**

81.

- (a) An instrument of proxy may be in any usual or common form or in such other form as the board shall approve.
- (b) The instrument of proxy shall confer authority on the proxy, unless otherwise instructed in the instrument, to exercise all or any of the rights of the member who appointed him to attend, speak and vote (both on a show of hands and a poll) on any resolution (including amendments to resolutions) or on other business arising at a meeting for which the instrument of proxy is valid. The instrument of proxy shall also be deemed to confer authority on the proxy to demand or join in demanding a poll. The instrument of proxy shall, unless the contrary is stated thereon, be valid as well for any adjournment of the meeting as for the meeting to which it relates.

#### **Board to send out instruments of proxy to all members**

82. The board shall send to the members entitled to be sent notice of a meeting and to vote thereat instruments of proxy (in the case of proxies sent in hard copy form with or without stamped envelopes or other pre-paid or similar postal facilities for their return) for use at any meeting of the company, either in blank or nominating in the alternative to act as proxy any one or more of the directors or any other person. The accidental omission to send such an instrument to, or the non-receipt thereof by, any member entitled to attend and vote at a meeting shall not invalidate the proceedings of that meeting.

#### **Validity of acts of proxy and duly authorised representative**

83. A vote given or a poll demanded by a person duly appointed as a proxy or by a duly authorised representative of a corporation in accordance (in either case) with the terms of his or her appointment shall be valid notwithstanding the principal having previously ceased to have the right or ability to exercise the right to vote or the previous determination of the authority of the person voting or demanding a poll, provided that no

intimation in writing of such cessation or determination shall have been received by the company at the transfer office (or at such other address within the United Kingdom as is specified in the notice convening the meeting or in the instrument of proxy issued by the company in relation to that meeting) at least one hour prior to the commencement of the meeting or adjourned meeting at which the instrument of proxy is used (or, in the case of a poll to be taken at an appointed time after the meeting, before such time).

#### **D. CORPORATIONS ACTING BY REPRESENTATIVES**

##### **A corporate member may appoint a representative**

84. In accordance with the statutes, any corporation which is a member of the company entitled to attend a meeting of the company may, by authority given in accordance with Section 44 of the Companies Act 2006 or signed by a duly authorised officer, authorise such person or persons as it thinks fit to act as its representative or representatives at any such meeting. The secretary, any director or the board may (but is not bound to do so) require such evidence as he or she or it thinks fit of the authority of the representative to act.

#### **IV. DIRECTORS**

##### **A. NUMBER AND REMUNERATION OF DIRECTORS**

###### **Number of directors**

85. The number of directors (disregarding alternate directors) shall not be less than five.

###### **No directors' share qualification**

86. A director shall not be required to hold any shares in the company by way of qualification.

###### **Directors' fees**

87. Each of the directors (including the chairman, each deputy chairman and each vice chairman) may be paid a fee at such rate as may from time to time be determined by the board provided that the ordinary remuneration of the directors (other than the chairman, each deputy chairman and each vice chairman) shall not exceed £15,000 per annum in any one case or such higher amount as may from time to time be decided by the board. Such fees shall accrue from day to day and in the case of any director shall, unless and to the extent that the board otherwise determines, be independent of any remuneration to which such director may be entitled under any other provision of these articles or in respect of any other office or appointment under the company or any other company in which the company may be interested.

#### **Remuneration for extra services**

88. If any director shall devote to the business of the company or any other company in which the company may be interested either his or her whole time and attention, or more of his or her time and attention than in the opinion of the board would usually be so devoted by a person holding such office, or shall undertake or perform any duties or services other than those which, in the opinion of the board, would usually be undertaken or performed by a person holding such office, or shall be called upon to perform and shall perform extra services or make any special exertions for any of the purposes of the company or any other company in which the company may be interested, or shall serve on any committee, then and in any of such cases the board may remunerate the director concerned either by a fixed sum, annual or otherwise, or in such other manner (including, but without limitation, the payment of or arrangements for the purpose of providing any pension or other retirement allowance or gratuity) as shall be determined by the board, and such remuneration may at the discretion of the board be either in addition to or in substitution for all or any part of any other remuneration to which such director may be entitled under these articles.

#### **Reimbursement of expenses**

89. The board may repay to any director all such travelling, hotel and other expenses as he or she may properly incur in attending and returning from meetings of the board or of any committee of the board or meetings of the company or otherwise in or about the business of the company.

### **B. DIRECTORS' CONFLICTS/INTERESTS**

#### **90. Directors' interests**

##### **Directors' interests other than in relation to transactions or arrangements with the company—authorisation under section 175 of the Companies Act 2006**

- (a) The board may authorise any matter proposed to it which would, if not so authorised, involve a breach of duty by a director under section 175 of the Companies Act 2006.
- (b) Any authorisation under paragraph (a) will be effective only if:
- (i) any requirement as to the quorum at the meeting at which the matter is considered is met without counting the director in question or any other director interested in the matter under consideration; and
  - (ii) the matter was agreed to without their voting or would have been agreed to if their votes had not been counted.
- (c) The board may give any authorisation under paragraph (a) upon such terms as it thinks fit. The board may vary or terminate any such authorisation at any time.

- (d) For the purposes of this article 90, a conflict of interest includes a conflict of interest and duty and a conflict of duties, and interest includes both direct and indirect interests.

**Confidential information and attendance at board meetings**

- (e) A director shall be under no duty to the company with respect to any information which he or she obtains or has obtained otherwise than as a director of the company and in respect of which he or she owes a duty of confidentiality to another person. In particular the director shall not be in breach of the general duties he or she owes to the company by virtue of sections 171 to 177 of the Companies Act 2006 because he or she:

- (i) fails to disclose any such information to the board or to any director or other officer or employee of the company; and/or
- (ii) does not use or apply any such information in performing his or her duties as a director of the company.

However, to the extent that his or her relationship with that other person gives rise to a conflict of interest or possible conflict of interest, this paragraph (e) applies only if the existence of that relationship has been authorised by the board pursuant to paragraph (a).

- (f) Where the existence of a director's relationship with another person has been authorised by the board pursuant to paragraph (a) and his or her relationship with that person gives rise to a conflict of interest or possible conflict of interest, the director shall not be in breach of the general duties he or she owes to the company by virtue of sections 171 to 177 of the Companies Act 2006 because he or she:

- (i) absents himself or herself from meetings of the board at which any matter relating to the conflict of interest or possible conflict of interest will or may be discussed or from the discussion of any such matter at a meeting or otherwise; and/or
- (ii) makes arrangements not to receive documents and information relating to any matter which gives rise to the conflict of interest or possible conflict of interest sent or supplied by the company,

for so long as he or she reasonably believes such conflict of interest (or possible conflict of interest) subsists.

- (g) The provisions of paragraphs (e) and (f) are without prejudice to any equitable principle or rule of law which may excuse the director from:

- (i) disclosing information, in circumstances where disclosure would otherwise be required under these articles; and/or
- (ii) attending meetings or discussions or receiving documents and information as referred to in paragraph (f), in circumstances where such attendance or receiving such documents and information would otherwise be required under these articles.

**Declaration of interests in proposed or existing transactions or arrangements with the company**

- (h) A director who is in any way, directly or indirectly, interested in a proposed transaction or arrangement with the company shall declare the nature and extent of his or her interest to the other directors before the company enters into the transaction or arrangement.
- (i) A director who is in any way, directly or indirectly, interested in a transaction or arrangement that has been entered into by the company shall declare the nature and extent of his or her interest to the other directors as soon as is reasonably practicable, unless the interest has already been declared under paragraph (h) above.
- (j) Any declaration required by paragraph (h) or (i) must be made at a meeting of the directors or by notice in writing in accordance with section 184 of the Companies Act 2006 or by general notice in accordance with section 185 of the Companies Act 2006.
- (k) If a declaration made under paragraph (h) or (i) above proves to be, or becomes, inaccurate or incomplete, a further declaration must be made under paragraph (h) or (i), as appropriate.
- (l) A director need not declare an interest under this article 90:
  - (i) if it cannot reasonably be regarded as likely to give rise to a conflict of interest;
  - (ii) if, or to the extent that, the other directors are already aware of it (and for this purpose the other directors are treated as aware of anything of which they ought reasonably to be aware);
  - (iii) if, or to the extent that, it concerns terms of his or her service contract that have been or are to be considered by a meeting of the directors or by a committee of the directors appointed for the purpose under these articles; or
  - (iv) if the director is not aware of his or her interest or is not aware of the transaction or arrangement in question (and for this purpose a director is treated as being aware of matters of which he or she ought reasonably to be aware).

**Ability to enter into transactions and arrangements with the company notwithstanding interest**

- (m) Subject to the provisions of the Companies Act 1985 and the Companies Act 2006 and provided that he or she has declared to the board the nature and extent of any direct or indirect interest of his or hers in accordance with this article 90 or where paragraph (l) applies and no declaration of interest is required, a director notwithstanding his or her office:
  - (i) may be a party to, or otherwise be interested in, any transaction or arrangement with the company or in which the company is directly or indirectly interested;

- (ii) may act by himself or herself or through his or her firm in a professional capacity for the company (otherwise than as auditor), and in any such case on such terms as to remuneration and otherwise as the board may decide; or
- (iii) may be a director or other officer of, or employed by, or a party to any transaction or arrangement with, or otherwise be interested in, any body corporate in which the company is directly or indirectly interested.

#### **Remuneration and benefits**

- (n) A director shall not, by reason of his or her office, be accountable to the company for any remuneration or other benefit which he or she derives from any office or employment or from any transaction or arrangement or from any interest in any body corporate:
  - (i) the acceptance, entry into or existence of which has been authorised by the board pursuant to paragraph (a) (subject, in any such case, to any terms upon which such authorisation was given); or
  - (ii) which he or she is permitted to hold or enter into by virtue of paragraph (m) or otherwise pursuant to these articles, nor shall the receipt of any such remuneration or other benefit constitute a breach of his or her duty under section 176 of the Companies Act 2006. No transaction or arrangement authorised or permitted pursuant to paragraphs (a) or (m) or otherwise pursuant to these articles shall be liable to be avoided on the ground of any such interest or benefit.

#### **General voting and quorum requirements**

- (o) Save as otherwise provided by these articles, a director shall not vote on or be counted in the quorum in relation to a resolution of the board or committee of the board concerning a matter in which he or she has a direct or indirect interest which is, to his or her knowledge, a material interest (otherwise than by virtue of an interest in shares or debentures or other securities of or otherwise in or through the company), but this prohibition does not apply to a resolution concerning any of the following matters:
  - (i) the giving of a guarantee, security or indemnity in respect of money lent or obligations incurred by him or her or any other person at the request of or for the benefit of the company or any of its subsidiary undertakings or parent undertakings;



- (ii) the giving of a guarantee, security or indemnity in respect of a debt or obligation of the company or any of its subsidiary undertakings or parent undertakings for which the director has assumed responsibility in whole or in part, either alone or jointly with others, under a guarantee or indemnity or by the giving of security;
  - (iii) a transaction or arrangement concerning an offer of shares, debentures or other securities of the company or any of its subsidiary undertakings or parent undertakings for subscription or purchase, in which offer he or she is or may be entitled to participate as a holder of securities or in the underwriting or sub-underwriting of which he or she is to participate;
  - (iv) a transaction or arrangement to which the company is or is to be a party concerning another company (including a subsidiary undertaking or parent undertaking of the company) in which he or she or any person connected with him or her is interested (directly or indirectly) whether as an officer, shareholder, creditor or otherwise (a “relevant company”), if he or she and any persons connected with him or her do not to his or her knowledge hold an interest in shares (as that term is used in sections 820 to 825 of the Companies Act 2006) representing one per cent. or more of either any class of the equity share capital (excluding any shares of that class held as treasury shares) in the relevant company or of the voting rights available to members of the relevant company;
  - (v) a transaction or arrangement for the benefit of the employees of the company or any of its subsidiary undertakings or parent undertakings (including any pension fund or retirement, death or disability scheme and any employees’ share scheme, being a scheme for encouraging or facilitating employees (including directors) of the company or any of its subsidiary undertakings or parent undertakings to acquire shares, debentures or other securities of the company or any of its subsidiary undertakings or parent undertakings) which does not award him or her a privilege or benefit not generally awarded to the employees to whom it relates; or
  - (vi) a transaction or arrangement concerning the purchase or maintenance of any insurance policy for the benefit of directors or for the benefit of persons including directors.
- (p) A director shall not vote on or be counted in the quorum in relation to a resolution of the board or committee of the board concerning his or her own appointment (including, without limitation, fixing or varying the terms of his or her appointment or its termination) as the holder of an office or place of profit with the company or any body corporate in which the company is directly or indirectly interested. Where proposals are under consideration concerning the appointment (including, without limitation, fixing or varying the terms of appointment or its termination) of two or more directors to offices or places of profit with the company or a body corporate in which the company is directly or

indirectly interested, such proposals may be divided and a separate resolution considered in relation to each director. In that case, each of the directors concerned (if not otherwise debarred from voting under this article 90) is entitled to vote (and be counted in the quorum) in respect of each resolution except that concerning his or her own appointment.

- (q) The board may exercise or cause to be exercised the voting powers conferred on the company in relation to any other company in such manner in all respects as it thinks fit, including the exercise thereof in favour of any resolution appointing all or any members of the board as directors or other officers or employees of, or holders of any places of profit under, such other company, and voting or providing for the payment of remuneration to the directors or other officers or employees of such other company.
- (r) If a question arises at a meeting as to the materiality of a director's interest (other than the interest of the chairman of the meeting) or as to the entitlement of a director (other than the chairman) to vote or be counted in a quorum and the question is not resolved by his or her voluntarily agreeing to abstain from voting or being counted in the quorum, the question shall be referred to the chairman and his or her ruling in relation to the director concerned is conclusive and binding on all concerned.
- (s) If a question arises at a meeting as to the materiality of the interest of the chairman of the meeting or as to the entitlement of the chairman to vote or be counted in a quorum and the question is not resolved by his or her voluntarily agreeing to abstain from voting or being counted in the quorum, the question shall be decided by resolution of the directors or committee members present at the meeting (excluding the chairman) whose majority vote is conclusive and binding on all concerned.
- (t) For the purposes of this article 90, in relation to an alternate director, the interest of his or her appointor is treated as the interest of the alternate director in addition to any interest which the alternate director otherwise has. This article 90 applies to an alternate director as if he or she were a director otherwise appointed.

#### **Miscellaneous**

- (u) The company may by ordinary resolution suspend or relax the provisions of this article 90 to any extent. Subject to the Companies Act 1985 and the Companies Act 2006, the company may by ordinary resolution ratify any transaction or arrangement not properly authorised by reason of a contravention of this article 90.
- (v) The provisions of paragraphs (a) to (u) of this article 90 shall come into effect on the date upon which section 175 of the Companies Act 2006 comes into force, at which point the provisions of articles 90A to 94 shall cease to have effect and shall be removed from these articles, whereupon this paragraph (v) shall be removed from these articles. Until section 175 of the Companies Act 2006 comes into force, any reference in these articles to article 90 shall be construed as a reference to article 94.

**Director may hold other positions under and may act in professional capacity for the company**

90A.

- (a) A director may hold any office or place of profit under the company (other than the office of auditor to the company or to any other member of the group) in conjunction with his or her office of director upon such terms as the board may determine and may receive such remuneration in addition to any other remuneration receivable by the director as the board may think fit.
- (b) A director or any firm in which he or she is interested may act in a professional capacity for the company (otherwise than as auditor to the company or to any other member of the group) and the director or such firm shall be entitled to remuneration upon such terms as the board may think fit for such services as if he or she were not a director. In this article, “firm” includes any company.

**Director may hold positions with other companies**

91. A director may continue to be or become a director or other officer of, or employee or member of, or otherwise interested in, any other company in which the company may be interested, and (save as the board may otherwise determine) no such director shall be accountable for any remuneration or other benefits received by him or her as a director, officer, employee or member of or from his or her other interest in such other company.

The board may exercise the voting powers conferred on the company in relation to any other company in such manner in all respects as it thinks fit, including the exercise thereof in favour of any resolution appointing all or any members of the board as directors or other officers or employees of, or holders of any places of profit under, such other company, and voting or providing for the payment of remuneration to the directors or other officers or employees of such other company.

**Director may be interested in any contract**

92. Subject as provided in the statutes, no director or intending director shall be disqualified by his or her office from contracting with the company, or any other company in which the company may be interested, either with regard to such director’s tenure of any such other office or place of profit or services as are referred to in article 91 or 92 or as customer, vendor, purchaser or in any other manner whatsoever, nor shall any such contract, or any contract, transaction or arrangement entered into by or on behalf of the company, or any other company in which the company is interested, in which the director is in any way, whether directly or indirectly, interested be liable to be avoided, nor shall any director so contracting or being so interested be liable to account to the company for any profit realised by any such contract, transaction or arrangement by reason of such director holding that office or of the fiduciary relationship thereby established.

**Director to declare interest in contract with company**

93. A director who is in any way, whether directly or indirectly, interested in a contract, transaction or arrangement or proposed contract, transaction or arrangement with the company shall declare the nature of his or her interest in accordance with the provisions of the statutes.

**Restriction on voting—matters upon which a director may vote**

94.

- (a) Save as otherwise provided by this article, a director shall not vote at any meeting of the board (and if such director shall do so his or her vote shall not be counted) in respect of any contract, transaction, arrangement or proposal in which he or she has an interest which (together with any interest of any person connected with him or her) is a material interest (otherwise than by virtue of an interest in shares, debentures or other securities of, or otherwise in or through, the company) or in relation to which he or she has a duty which conflicts or may conflict with the interests of the company, nor shall he or she be counted for the purposes of any resolution regarding the same in the quorum present at the meeting. Provided that (in the absence of any material interest other than is indicated below) a director may vote and be counted in the quorum in respect of any resolution concerning any of the following matters, namely:
- (i) any contract, transaction, arrangement or proposal for giving to such director any security, guarantee or indemnity in respect of money lent by him or her to, or obligations incurred by him or her or by any other person at the request or for the benefit of, the company or any other member of the group;
  - (ii) any contract, transaction, arrangement or proposal for the giving by the company of any security, guarantee or indemnity to a third party in respect of a debt or obligation of the company or any other member of the group for which such director has personally assumed responsibility in whole or in part under a guarantee or indemnity or by the giving of or agreement to give security;
  - (iii) any contract, transaction, arrangement or proposal giving to such director any security, guarantee or indemnity in respect of any liability to any person which may be incurred by such director in the performance of his or her duties as a director or other officer or employee of the company or any other member of the group, or for the purchase or renewal for such director of insurance against any liability;
  - (iv) the subscription or purchase by him or her of shares, debentures or other securities of the company pursuant to an offer or invitation to members or debenture holders of the company, or any class of them, or to the public or any section of the public;

- (v) any contract, transaction, arrangement or proposal by such director to underwrite or sub-underwrite (alone or with others) any shares, debentures or other securities of the company or any other member of the group;
  - (vi) any contract or arrangement with or concerning any other company (not being a company in which such director owns one per cent. or more within the meaning of paragraph (b)) in which such director is interested as an officer or creditor of that company or as a holder of shares or other securities;
  - (vii) any proposal concerning the adoption, modification, operation, suspension or cancellation of any superannuation fund or retirement, death or disability benefits scheme under which such director may benefit or of any employees' share scheme being a scheme for encouraging or facilitating employees (including directors) of the company or any other member of the group to acquire shares, debentures or other securities of the company or any other member of the group, provided that any such fund or scheme does not accord to any director as such any privilege or advantage not generally accorded to the employees to whom the fund or scheme relates;
  - (viii) any other arrangement for the benefit of employees of the company or any other member of the group under which such director benefits or stands to benefit in a similar manner to the employees concerned and which does not accord to any director as such any privilege or advantage not generally accorded to the employees to whom the arrangement relates.
- (b) For the purposes of this article, a company shall be deemed to be a company in which a director owns one per cent. or more if and so long as (but only if and so long as) such director (together with persons connected with him or her) is, directly or indirectly, the holder of or beneficially interested in one per cent. or more of any class of the equity share capital of such company or of the voting rights available to members of such company. Provided that for the purposes of this paragraph there shall be disregarded any shares held by a director as bare or custodian trustee or by virtue of his or her being a personal representative of any estate, any shares comprised in a trust in which the director's interest is in reversion or remainder if and so long as some other person is entitled to receive the income thereof and any interest which the director has by virtue of holding units in an authorised unit trust scheme, a recognised scheme or a UCITS (in each case, as defined in Section 220(1) as if such sections and paragraphs had not been repealed).
- (c) Where a company in which a director owns one per cent. or more is materially interested in a contract, transaction, arrangement or proposal then such director shall also be deemed to be materially interested therein.
- (d) Subject to the provisions of paragraph (e), a director shall not vote or be counted in the quorum on any resolution concerning his or her own appointment as the holder of any office or employment with or place of profit under the company or any other company in which the company is interested, including fixing or varying the terms of his or her appointment or the termination thereof.

- (e) Where proposals are under consideration concerning the appointment (including fixing or varying the terms of appointment) of two or more directors to offices or employments with or places of profit under the company or any other company in which the company is interested, such proposals may be divided and considered in relation to each director separately, and in such cases each of the directors concerned (if not debarred from voting under paragraph (a)) shall be entitled to vote and be counted in the quorum in respect of each resolution except that concerning his or her own appointment.
- (f) If any question shall arise at any meeting of the board as to the materiality of a director's interest or as to the entitlement of any director to vote or be counted in the quorum, such question shall be referred to the chairman of the meeting (or, if the director concerned is the chairman of the meeting, to the other directors at the meeting) and the chairman of the meeting's ruling in relation to any director other than himself or herself (or, as the case may be, the ruling of the majority of the other directors in relation to the chairman of the meeting) shall be final and conclusive, except in a case where the nature or extent of the interest of the director concerned as known to such director has not been fairly disclosed.
- (g) Subject to the statutes, the company may by ordinary resolution suspend or relax the provisions of this article to any extent (in respect of any particular contract, transaction, arrangement or proposal) or ratify any particular contract, arrangement or transaction carried out in contravention of this article.

### **C. VACATION OF OFFICE OF DIRECTOR**

#### **When office of director to be vacated**

95. The office of a director shall be vacated in any of the following events, namely:
- (a) if such director shall become prohibited by law from acting as a director; or
  - (b) if such director shall resign his or her office by notice in writing sent to or deposited at the office or shall tender his or her resignation and the board shall resolve to accept the same; or
  - (c) if such director becomes bankrupt, has a receiving order made against him or her or makes any arrangement or composition with his or her creditors generally; or
  - (d) if such director is, or may be, suffering from mental disorder and either:
    - (i) is admitted to hospital in pursuance of an application for admission for treatment under the Mental Health Act 1983 or, in Scotland, an application for admission under the Mental Health (Scotland) Act 1960 or, in any other jurisdiction, in pursuance of an application or otherwise under similar legislation; or

- (ii) an order is made in respect of him or her by any competent court or official on the ground that such director is or may be suffering from mental disorder or is otherwise incapable of managing his or her own affairs; or
- (e) if such director shall be absent from meetings of the board for a continuous period of six months without special leave from the board and his or her alternate director (if any) shall not during such period have attended in his or her stead; or
- (f) if such director is removed from office by a resolution of the board in favour of which at least five-sixths of the total number of directors for the time being shall have voted.

#### **D. APPOINTMENT AND RETIREMENT OF DIRECTORS**

##### **No retirement by rotation**

96. No director shall be required to retire from office at any annual general meeting by rotational retirement.

##### **Appointment by majority shareholder(s)**

97. The holder or holders of a majority in nominal value of such part of the issued share capital of the company as confers the right to attend and vote at any general meeting of the company may, at any time or from time to time by notice in writing (signed by, in the case of a corporate body, any of its directors or its duly authorised attorney) left at or sent to the transfer office, remove any director from office (notwithstanding any claim such director may have for damages for breach of any agreement between himself or herself and the company) or appoint any person to be a director. The foregoing provisions of this article are without prejudice to any special right conferred on the holders of any series of the dollar preference shares or any other class of shares by the terms of issue thereof to appoint one or more directors.

##### **Restriction on election of two or more directors by single resolution**

98. A resolution for the election of two or more persons as directors by a single resolution shall not be moved at any general meeting unless a resolution that it shall be so moved has first been agreed to by the meeting without any vote being given against it; and any resolution moved in contravention of this provision shall be void.

##### **Persons eligible for election as directors**

99. No person shall, unless recommended by the board for election, be eligible for election as a director at any general meeting unless not less than seven nor more than 42 days before the day appointed for the meeting there shall have been received by the secretary

at the office notice in writing signed by a member (other than the person to be proposed) duly qualified to attend and vote at the meeting for which such notice is given of such member's intention to propose such person for election and also notice in writing signed by the person to be proposed of his or her willingness to be elected, such notice of willingness to be elected not having subsequently been withdrawn.

#### **Removal of directors by ordinary resolution**

100. The company may, in accordance with and subject to the provisions of the statutes, by ordinary resolution of which special notice has been given remove any director from office notwithstanding any provisions of these articles or of any agreement between the company and such director, but without prejudice to any claim such director may have for damages for breach of any such agreement, and elect another person in place of a director so removed from office. In default of such appointment the vacancy arising upon the removal of a director from office may be filled by the board as a casual vacancy.

#### **Board's power to appoint directors**

101. The board shall have the power at any time and from time to time to appoint any person to be a director either to fill a casual vacancy or as an additional director.

### **E. ALTERNATE DIRECTORS**

#### **A director may appoint an alternate - powers of alternate - revocation of appointment of alternate - remuneration of alternate**

102.

- (a) Any director (other than an alternate director) may at any time appoint any other director or appoint any other person willing to act (whether a member of the company or not) to be such director's alternate; and every such alternate shall (subject to giving to the company an address either within or outside the United Kingdom at which notices may be sent to him or her) be entitled (during any period of absence which his or her appointor has notified in writing to the company at the office) to notice of meetings of the board, and of all committees of which the appointing director is a member, as if such alternate were a director and to attend and vote as a director at any such meeting at which the appointing director is not personally present and generally at such meeting to have and to perform all the functions of his or her appointor as a director in the appointor's absence (other than the power to appoint an alternate of the director appointing him or her) and so that for the purposes of the proceedings at such meeting the provisions of these articles shall apply as if he or she were a director Provided that such appointment of any person not being a director shall be effective only upon its being approved by the board.
- (b) The board may at any time revoke the appointment of an alternate director. A director may at any time revoke the appointment of an alternate appointed by him or her, and appoint another person in his or her place (subject always to the



proviso to paragraph (a)), and if a director shall die or otherwise cease to hold the office of director the appointment of his or her alternate shall thereupon cease and determine.

- (c) Any appointment or revocation by a director under this article shall be effected by notice in writing to the company at the office executed by the appointor or in any other manner approved by the board.
- (d) Every such alternate shall be an officer of the company, shall alone be responsible to the company for his or her own acts and defaults and shall not be deemed to be the agent of the director appointing him or her.
- (e) The remuneration of any such alternate shall be payable out of the remuneration payable to the director appointing him or her, and shall consist of such portion (if any) of the last-mentioned remuneration as shall be agreed between them. The alternate shall, however, be entitled to be paid his or her expenses and to be indemnified by the company to the same extent as the director appointing him or her.
- (f) Every person acting as an alternate director shall have one vote for each director for whom he or she acts as alternate, in addition to his or her own vote if he or she is also a director. Execution by an alternate director of any resolution in writing of the board or a committee of the board shall, unless the notice of appointment provides to the contrary, be as effective as execution by the appointor.

## **F. PROCEEDINGS OF THE BOARD**

### **Conduct and convening of board meetings**

103. The board may meet together for the despatch of business, adjourn and otherwise regulate its meetings as it thinks fit. Questions arising at any meeting shall be determined by a majority of votes, and in the case of an equality of votes the chairman of the meeting shall have a second or casting vote. The chairman or any two directors may, and the secretary on the requisition of the chairman or any two directors shall, at any time summon a meeting of the board. Notice of a board meeting shall be deemed to be properly given to a director if it is given to him or her personally or by word of mouth or by electronic means to an address given by him or her to the company for that purpose or sent in writing to him or her at his or her last known address or any other address given by him or her to the company for this purpose. A director absent or intending to be absent from the United Kingdom may request that notices of board meetings shall during his or her absence be sent in hard copy form or by electronic means to him or her at an address given by him or her to the company for this purpose, but such notices need not be given any earlier than notices given to directors not so absent and if no such request is made it shall not be necessary to give notice of a board meeting to any director who is for the time being absent from the United Kingdom. Any director may prospectively or retrospectively waive the right to receive notice of any meeting of the board. Failure to

give notice of a board meeting to a director shall not invalidate the proceedings at that meeting, provided that reasonable efforts are made to give notice to all directors entitled to receive notice.

### **Quorum**

104. The quorum necessary for the transaction of the business of the board may be fixed by the board and unless so fixed at any other number shall be five. Subject to the provisions of these articles, any director who ceases to be a director at a board meeting may continue to be present and to act as a director and be counted in the quorum until the termination of the board meeting if no other director objects and if otherwise a quorum of directors would not be present.

### **Telephone meetings**

105.

- (a) A meeting of the board may consist of a conference between directors some or all of whom are in different places provided that each director who participates is able:
  - (i) to hear each of the other participating directors addressing the meeting; and
  - (ii) if he or she so wishes, to address all of the other participating directors simultaneously, whether directly, by conference telephone or by any other form of communications equipment (whether in use when these articles are adopted or developed subsequently) or by a combination of such methods. Each director so participating in a meeting shall be deemed to be “present” at such meeting for the purpose of these articles.
- (b) A quorum is deemed to be present if those conditions are satisfied in respect of at least the number of directors required to form a quorum.
- (c) A meeting held in this way is deemed to take place at the place where the largest group of participating directors is assembled or, if no such group is readily identifiable, at the place from where the chairman of the meeting participates.

### **Validity of written resolution of directors**

106. A written resolution signed by all the directors entitled to receive notice of a meeting of the board (provided that number would be sufficient to constitute a quorum) shall be as effective as a resolution passed at a meeting of the board duly convened and held, and may consist of one document or several documents in the like form each signed by one or more of the directors concerned. For the purposes of this article, any signature may be affixed to a facsimile copy of the resolution and any written resolution shall be valid upon the company receiving the original or a facsimile copy of the document or documents containing each of the said signatures.

**Continuing directors may act**

107. The continuing directors may act notwithstanding any vacancies in their body, but if and so long as the number of directors is reduced below the minimum number fixed by these articles the continuing directors or director may act for the purpose of filling up such vacancies or of summoning general meetings of the company, but not for any other purpose, and may act for either of such purposes whether or not the number of directors is reduced below the number fixed by or in accordance with these articles as the quorum for board meetings. If there be no directors or director able or willing to act, then any two members may summon a general meeting for the purpose of appointing directors.

**Appointment of chairman, deputy chairman and vice-chairman**

108. The board may from time to time elect from its own number a chairman, one or more deputy chairmen and one or more vice-chairmen, but so that the total number of deputy chairmen and vice-chairmen shall not at any time exceed six. The board may determine the period for which such officers are respectively to hold office and, notwithstanding such determination, may from time to time remove any such officer from office.

**Chairman of board meetings**

109. The chairman shall preside at all meetings of the board, but if at any time there is no chairman or if at any meeting the chairman be not present, the deputy chairman, or if there are two or more deputy chairmen present, then one of such deputy chairmen (selected by agreement between them or in default of agreement by lot) shall preside, or if at any meeting neither the chairman nor any deputy chairman be present, the vice-chairman, or if there are two or more vice-chairmen present, then one of such vice-chairmen (selected by agreement between them or in default of agreement by lot) shall preside. In the event that there be no chairman, deputy chairman or vice-chairman or if none of them is present within five minutes from the time appointed for holding the meeting, then the directors present shall choose one of their number to be chairman of the meeting.

**Executive directors**

110. The board may from time to time appoint any one or more of the directors to any executive office or employment with the company with such title and on such terms as to remuneration, pension and otherwise and with such of the powers exercisable by the board as it may think fit and (subject to the provisions of the statutes) for such period as the board may determine and, subject to the terms of any agreement entered into in any particular case, may at any time revoke any such appointment or vary the terms thereof. A director so appointed shall, subject to the terms of any agreement between such director and the company, be subject to the same provisions as to retirement or removal as the other directors and, without prejudice to any claim for damages or compensation to which such director may be entitled, his or her appointment shall be automatically determined if he or she ceases from any cause to be a director.

**Board may confer upon a director any of its powers**

111. The board may entrust to and confer upon any director any of the powers exercisable by it as such upon such terms and conditions and with such restrictions as it thinks fit, and either collaterally with or to the exclusion of its own powers, and may from time to time (subject to the terms of any agreement entered into in any particular case) revoke, withdraw, alter or vary all or any of such powers.

**Delegation to board committees and certain subsidiaries**

112.

- (a) The board may delegate all or any of its powers, authorities, discretions and functions to any committee or committees on such terms and conditions as it may think fit. Any such committee may consist of one or more members of the board, and the board shall also be entitled to appoint such other person or persons as it considers expedient to a committee but so that the majority at least of the members of any such committee shall consist of directors and no resolution of the committee shall be effective unless a majority of the members of the committee present at the relevant meeting consists of directors.
- (b) The board may also delegate all or any of its powers, authorities, discretions and functions to a wholly-owned subsidiary (whether direct or indirect) of the company for such period and on such terms and conditions as the board may determine.
- (c) Any such committee or subsidiary shall in the exercise of the powers, authorities, discretions and functions so delegated conform to any regulations which may from time to time be imposed by the board.
- (d) The board may authorise any such committee or subsidiary to sub-delegate all or any of the powers, authorities, discretions and functions delegated to it and the board may at any time dissolve any such committee or revoke, vary or suspend any delegation made to any such committee or subsidiary.
- (e) In so far as any power, authority, discretion or function is delegated to a committee or subsidiary, any reference in these articles to the exercise or performance by the board of the power, authority, discretion or function so delegated shall be read and construed as if it were a reference to the exercise or performance thereof by such committee or subsidiary.
- (f) Any such delegation may be collateral with or to the exclusion of the powers, authorities, discretions or functions which are the subject of the delegation.

**Proceedings of committees**

113. The meetings and proceedings (including without limitation the conduct of business by a telephone meeting or by written resolution) of any such committee consisting of two or more members shall be governed by the provisions of these articles regulating the meetings and proceedings of the board, so far as the same are applicable and are not superseded by any regulations made by the board under article 112.

**Acts of board or committee valid notwithstanding disqualification**

114. All acts done by any meeting of the board, or of a committee of the board, or by any person acting as a director or a member of such committee, shall as regards all persons dealing in good faith with the company, notwithstanding that there was some defect in the appointment or continuance in office of any member of the board or such committee or person acting as aforesaid, or that any such member or person was disqualified or had vacated office, or was not entitled to vote, be as valid as if every such person had been duly appointed and was qualified and had continued to be a director or a member of such committee and had been entitled to vote.

**G. GENERAL POWERS OF THE BOARD**

**Management of company's business vested in board**

115. The business of the company shall be managed by the board, which may exercise all such powers of the company as are not by the statutes or by these articles required to be exercised in general meeting, subject nevertheless to the provisions of the statutes and of these articles and to such regulations as may be prescribed by the company by special resolution; but no alteration of these articles or regulations so prescribed by the company shall invalidate any prior act of the board which would have been valid if such alteration or regulation had not been made. The general powers given by this article shall not be limited or restricted by any special authority or power given to the board by any other article.

**Local management**

116.

- (a) The board may establish such subsidiaries, branch banks, divisional, departmental or local boards, managing committees or agencies for conducting or managing any of the affairs of the company in any part of the world as the board may from time to time consider fit, and for that purpose the board may cause to be promoted any subsidiary and may make all necessary or desirable arrangements for the control and financing of such subsidiary and for the guaranteeing of its contracts and obligations.
- (b) The board may also appoint any persons (whether directors or not) to be members of such boards or committees and may appoint any such persons to be regional directors, local directors, managers, agents or representatives and may fix the remuneration of any persons so appointed.
- (c) The board may delegate to any such subsidiary, branch, bank, board, managing committee, regional director, local director, manager, agent or representative any of the powers authorities and discretions vested in the board on such terms and conditions as the board may think fit.
- (d) The board may authorise the members of any such boards or managing committees to fill any vacancies therein, and to act notwithstanding vacancies.

- (e) The board may authorise any such boards or managing committees to sub-delegate all or any of the powers, authorities, discretions and functions delegated to it and the board may at any time dissolve any such board or managing committee or revoke, vary or suspend any delegation made to any such board or managing committee.

#### **Associate directors**

117. The board may from time to time appoint any person to any office or employment with the company having a designation or title including the word “director” or to attach to any existing office or employment such a designation or title and may at any time terminate any such appointment or the use of any such designation or title. The inclusion of the word “director” in the designation or title of any such office or employment shall not (save in the case of any person appointed a director by the board under article 101 or by the company under article 100 or appointed as such under article 97) imply that the holder thereof is a director of the company nor shall such holder, by virtue of such appointment, be empowered in any respect to act as a director or be entitled to attend or vote at any meeting of the board or be deemed to be a director for any of the purposes of these articles.

#### **Board’s borrowing powers**

118. The board may exercise all the powers of the company to borrow money, and to mortgage or charge its undertaking, and all or any part of its property and uncalled capital, and to issue debentures and other securities, whether outright or as collateral security for any debt, liability or obligation of the company or of any third party.

#### **Appointment of attorneys**

119. The board may from time to time and at any time by power of attorney or otherwise appoint any person (whether an individual or otherwise) and whether nominated directly or indirectly by the board to be the attorney or agent of the company for such purposes and with such powers, authorities, discretions and functions (not exceeding those vested in or exercisable by the board under these articles) and for such period and subject to such conditions as it may think fit, and any such appointment may contain such provisions for the protection and convenience of persons dealing with any such attorney or agent as the board may think fit and may also authorise any such attorney or agent to sub-delegate all or any of the powers, authorities, discretions and functions vested in that attorney or agent.

#### **Overseas branch registers**

120. Subject to and to the extent permitted by the statutes, the board may cause to be kept in any territory outside the United Kingdom an overseas branch register of members resident in such territory, and the board may make and vary such regulations as it may think fit with regard to the keeping of any such register.

**Execution of certain instruments**

121. All cheques, promissory notes, drafts, bills of exchange and other negotiable or transferable instruments, and all receipts for monies paid to the company, shall be signed, drawn, accepted, endorsed or otherwise executed, as the case may be, by such person or persons as may be appointed for the purpose by or on behalf of the board.

**Company not to make loans, quasi-loans or enter into credit transactions with directors or shadow directors or connected persons**

122. Save as permitted by the statutes, the board shall not:

- (a) make a loan or a quasi-loan to or enter into a credit transaction as a creditor for a director (including a shadow director) of the company or any person connected with such a director; or
- (b) enter into any guarantee or provide security in connection with a loan or quasi-loan or credit transaction made by any person to or for such a director or person so connected; or
- (c) take part in any arrangement whereby another person enters into such a transaction in return for a benefit from the company or any subsidiary; or
- (d) arrange for the assignment to it of any rights, obligations or liabilities of any such loan or quasi-loan to such a director or person so connected.

For the purposes of this article the expressions “quasi-loan”, “credit transaction” and “shadow director” shall have the meanings ascribed to them in Sections 199(1), 202(1) and 251(1)-(2) of the Companies Act 2006 respectively.

**Pension and superannuation funds - employees' share schemes - charitable subscriptions**

123. The board may establish and maintain or procure the establishment and maintenance of any non-contributory or contributory pension or superannuation funds or any share option, share incentive or share acquisition schemes or any profit sharing schemes or funds or trusts financed or contributed to by the company for the benefit of, and may give or procure the giving of donations, gratuities, pensions, allowances, disability benefits or emoluments to (or to any person in respect of), any persons who are or were at any time in the employment or service of the company, or of any other member of the group, or who are or were at any time directors or officers of the company or of any other member of the group and hold or have at any time held any salaried employment or office in the company or such other company, and the wives, husbands, widows, widowers, families and dependants of any such persons, and also may establish and subsidise or subscribe to any institution, association, club or fund calculated to be for the benefit of or to advance the interests and well-being of the company or of any other member of the group, or of any such person as aforesaid, and may make payments for or towards the insurance of any such persons as aforesaid, and subscribe or guarantee money for any charitable or benevolent objects or for any exhibition, or for any public, general or useful object and do any of the matters aforesaid either alone or in conjunction with any such other company as aforesaid.

**Power to make provision for employees**

124. The board is hereby authorised to sanction (by resolution of the board) the exercise of any power conferred upon the company by Section 719.

**H. MINUTES AND RECORDS****Minutes and records**

125.

- (a) The board shall cause minutes to be made of:
  - (i) all appointments of officers made by the board; and
  - (ii) the names of the directors and any alternate directors and any person other than directors present at each meeting of the board or any committee of the board; and
  - (iii) all resolutions and proceedings at all meetings of the company, of the board and of committees of the board.Any such minutes, if purporting to be signed by the chairman of the meeting at which the proceedings took place or by the chairman of the next succeeding meeting, shall be evidence of the proceedings.
- (b) Any register, index, minute book, book of account or other book required by these articles or the statutes to be kept by or on behalf of the company may be kept either by making entries in bound books or by recording them in some other form including the use of computer storage facilities so long as the recording is capable of being reproduced in a legible form. In any case in which bound books are not used, the board shall take adequate precautions for guarding against falsification and for facilitating its discovery.

**I. SECRETARY****Appointment of and acts of the secretary**

126.

- (a) The secretary shall be appointed by the board for such term, at such remuneration and upon such conditions as it may think fit; and any such secretary so appointed may be removed by the board, but without prejudice to any claim which such secretary may have against the company. If thought fit the board may appoint two or more persons to the office of secretary.
- (b) No person shall be appointed to the office of secretary unless he or she is duly qualified or eligible under one or more of the categories specified in Section 273 of the Companies Act 2006.



- (c) The board may, at any time and from time to time, appoint one or more persons qualified or eligible under one or more of the categories specified in Section 273 of the Companies Act 2006 to be deputy and/or assistant secretary at such remuneration and on such terms as it may think fit and anything required or authorised to be done by or to the secretary may be done by or to any deputy and/or assistant secretary so appointed; and any deputy or assistant secretary may be removed by the board, but without prejudice to any claim which such deputy or assistant secretary may have against the company.

## **J. THE SEALS**

### **Custody and use of the seals**

127. The board shall provide for the safe custody of the seal and any securities seal, each of which shall be used and affixed in accordance with regulations made by the board.

### **Use of the official seal**

128. The company may exercise all the powers conferred by the statutes with regard to having an official seal for use abroad and such powers shall be vested in the board.

## **K. AUTHENTICATION OF DOCUMENTS**

### **Authentication of documents by a director, secretary or any other person appointed by the board**

129. Any director or the secretary or any other person appointed by the board for the purpose shall have power to authenticate any documents affecting the constitution of the company and any resolutions passed or adopted by the company or the board or any committee of the board, and any books, records, documents and accounts relating to the business of the company, and to certify copies thereof or extracts therefrom as true copies or extracts; and where any books, records, documents or accounts are elsewhere than at the office the local manager or other officer of the company having custody thereof shall be deemed to be a person appointed by the board as aforesaid. A document purporting to be a copy of a resolution, or an extract from the minutes of a meeting, of the company or of the board or any committee of the board which is certified as aforesaid shall be conclusive evidence in favour of all persons dealing with the company upon the faith thereof that such resolution has been duly passed or, as the case may be, that such extract is a true and accurate record of proceedings at a duly constituted meeting.

## V. DIVIDENDS AND DISTRIBUTIONS

### **Declaration of dividends**

130. The company in general meeting may by ordinary resolution declare dividends to be paid to the members according to their rights and interests in the profits but no dividend shall be payable in excess of the amount recommended by the board.

### **Calculation and currency of dividends**

131. Unless and to the extent that the rights attached to any shares or the terms of issue thereof otherwise provide:

- (a) all dividends shall (as regards any shares not fully paid throughout the period in respect of which the dividend is paid) be apportioned and paid pro rata according to the amounts paid on the shares during any portion or portions of the period in respect of which the dividend is paid, but, for the purposes of this article, no amount paid on a share in advance of calls shall be treated as paid on the share; and
- (b) dividends may be declared or paid in any currency. The board may agree with any member that dividends which may at any time or from time to time be declared or become due on his or her shares in one currency shall be paid or satisfied in another, and may agree the basis of conversion to be applied and how and when the amount to be paid in the other currency shall be calculated and paid and for the company, the member or any other person to bear any costs involved.

### **Interim and other dividends**

132. If and so far as in the opinion of the board the distributable reserves of the company justify such payments, the board may pay dividends (whether fixed or calculated by reference to a specified formula or procedure) on any class of shares carrying such a dividend on such dates as may be prescribed for the payment thereof (whether such dates are fixed or determined or to be determined in accordance with a specified procedure). Subject as aforesaid, the board may also from time to time pay one or more dividends (as interim or final dividends) on shares of any class of such amounts and on such dates and in respect of such periods as it thinks fit.

### **Dividend may be declared by reference to record date**

133. Where any dividend is declared by the company in general meeting by ordinary resolution pursuant to article 130, or is determined to be paid by resolution of the board passed in accordance with article 132, the ordinary resolution or (as the case may be) the resolution of the board may provide that such dividend shall be payable to the members so entitled (or to any class of members so entitled) and registered as such on or as at any such date as the resolution may specify, and (without prejudice to the generality of the foregoing) any date so specified may be either before or after that upon which the resolution is passed, and may be before the date upon which such dividend is to be actually paid.

**No dividend to bear interest**

134. No dividend or other monies payable on or in respect of a share shall bear interest as against the company.

**Power to deduct from dividends any unpaid debts**

135. The board may deduct from any dividend or other monies payable to any member on or in respect of a share all sums of money (if any) presently payable by such member to the company on account of calls or otherwise in respect of shares in the company.

**Power to satisfy lien out of dividends**

136. The board may retain any dividend or other monies payable on or in respect of a share on which the company has a lien, and may apply the same in or towards satisfaction of the debts, liabilities or engagements in respect of which the lien exists.

**Treatment of unclaimed dividends etc.**

137. The payment by the board of any unclaimed dividend or other monies payable on or in respect of a share into a separate account shall not constitute the company a trustee in respect thereof. All unclaimed dividends or other moneys payable on or in respect of a share may be invested or otherwise made use of by the board for the benefit of the company until claimed; but so that any such dividend unclaimed after a period of 12 years from the date such dividend first became due for payment shall be forfeited and shall revert to the company and any monies payable on or in respect of a fractional interest in a share remaining unclaimed after a period of 12 years from the date upon which the same first became due for payment, shall be forfeited and shall revert to the company. In the case of a dividend resolved to be paid under article 132, the above period of 12 years shall be calculated from the date specified in the relevant resolution of the board as the date for payment of the dividend.

**Dividend warrants**

138. Any dividend or other monies payable on or in respect of a share may be paid by cheque or warrant sent in accordance with article 150A the member or person entitled thereto (and if two or more persons are registered as joint holders of the share or are entitled thereto in consequence of the death or bankruptcy of the holder or otherwise by operation of law, to any one of such persons), or to such other person and such address as such member or person or persons may direct by notice in writing to the company signed by such member or other person or persons. Every such cheque shall be crossed and bear across its face the words "account payee" or "a/c payee" either with or without the words "only" and every such cheque or warrant shall be made payable to the person to whom it is sent or to such other person as the holder or joint holders or person or persons entitled to the share in consequence of the death or bankruptcy of the holder or otherwise by operation of law may direct by notice in writing to the company signed by such holder or holders or other person or persons, and payment of the cheque or warrant, if appearing to have been duly paid by the banker on whom it is drawn, shall be a good discharge to the company. Every such cheque or warrant shall be sent at the risk of the person or persons entitled to the money represented thereby. Any such dividend or other money may also

be paid by any other usual or common banking method (including, without limitation, direct debit, bank transfer and electronic funds transfer) and the company shall have no responsibility for any sums lost or delayed in the course of any such transfer or where it has acted on any such directions.

**Any joint holder may give receipt for a dividend**

139. If several persons are registered as joint holders of a share or are entitled thereto in consequence of the death or bankruptcy of the holder or otherwise by operation of law, any one of them may give effectual receipts for any dividend or other monies payable or property distributable on or in respect of the share.

**Payment of dividend in specie**

140. A general meeting may, upon the recommendation of the board, direct payment of a dividend wholly or in part by the distribution of specific assets, and in particular of paid up shares, debentures or other securities of any other company or in any one or more of such ways, and the board shall give effect to such resolution; and where any difficulty arises in regard to the distribution the board may settle the same as it thinks expedient and in particular may issue fractional certificates, and may fix the value for distribution of such specific assets or any part thereof, and may determine that cash payments shall be made to any members upon the footing of the values so fixed, in order to adjust the rights of members, and may vest any specific assets in trustees upon trust for the persons entitled to the dividend as may seem expedient to the board, and generally may make such arrangements for the allotment, acceptance and sale of such specific assets or fractional certificates, or any part thereof, and distribution of the cash proceeds of any sale or of the cash equivalent to any member or members and otherwise as it thinks fit.

**VI. RESERVES**

**Board powers to carry profits to reserve and to carry forward profits**

141. The board may, before recommending or resolving to pay any dividend, whether preferential or otherwise, carry to reserve out of the profits of the company (including any premiums received upon the issue of debentures or other securities of the company) such sums as it thinks proper as a reserve or reserves which shall, at the discretion of the board, be applicable for any purpose to which the profits of the company may be properly applied, and pending such application may, at the like discretion, either be employed in the business of the company or be invested in such investments other than shares in the company or of its holding company (if any) as the board may from time to time think fit. The board may also without placing the same to reserve carry forward any profits. The board may divide the reserve into such special funds as it thinks fit and may consolidate into one fund any special funds or any parts of any special funds into which the reserve may have been divided.

## VII. CAPITALISATION OF PROFITS

### Capitalisation issue

142. The company in general meeting may, subject to the rights attaching to any class of shares, upon the recommendation of the board at any time and from time to time, subject as hereinafter provided, by ordinary resolution resolve to capitalise all or any part of any amount standing to the credit of any reserve or fund (including the profit and loss account) whether or not the same is available for distribution and accordingly that the amount to be capitalised be set free for distribution among the holders of the ordinary shares in proportion to the amounts paid up on the ordinary shares and to apply such amount on their behalf, either in or towards paying up the amounts, if any, for the time being unpaid on any ordinary shares, or in paying up in full unissued shares, debentures or other securities of the company of a nominal amount equal to such amount, and to allot and distribute such shares, debentures or other securities credited as fully paid up, to and amongst such holders, or as they may direct, or partly in one way and partly in the other, provided that:
- (a) the share premium account and the capital redemption reserve and any such profits not available for distribution may, for the purposes of this article, only be applied in the paying up of unissued shares to be issued to members credited as fully or, where permitted by the statutes, partly paid; and
  - (b) no unrealised profits shall be applied in paying up any debentures of the company or any amount unpaid on any share in the capital of the company.

### Board to effect capitalisations

143. Whenever a resolution is passed in pursuance of article 142, the board shall:
- (a) allot unissued shares, debentures or other securities of the company, as the case may be, to the amount authorised by the resolution credited as fully paid up amongst the holders of the shares entitled to participate therein with full power to the board to make such provisions by way of the issue of fractional certificates or otherwise as it thinks fit for the case of fractions, and prior to such allotment the board may, if it thinks fit, authorise any person, on behalf of all the members so entitled to the said shares, debentures or other securities of the company, to enter into an agreement with the company providing for the allotment to them in the proportion specified in article 142 credited as fully paid up of the shares, debentures or other securities authorised by the resolution to be distributed amongst them, and any agreement made under such authority shall be effective and binding on all the holders of the ordinary shares for the time being; and the board shall have power generally to do all acts and things required to give effect to such resolution as aforesaid. Whenever on any issue of shares, debentures or other securities of the company in pursuance of article 142 the value of a fractional entitlement thereof shall be less than a minimum amount determined by the board in respect of any holder, the proceeds of sale (after the deduction of the proper expenses of such sale) of each and every such fractional entitlement amounting to less than such minimum amount shall

belong to and be vested in the company (or one or more charities selected by it). For the purpose of giving effect to any such sale, the board may authorise some person to transfer the securities sold to the purchaser thereof and the purchaser shall be registered as the holder of the securities comprised in any such transfer and shall not be bound to see to the application of the purchase money nor shall the purchaser's title to the said securities be affected by any irregularity or invalidity in the proceedings relating to the sale; and/or

- (b) (if the resolution so specifies) apply such profits or sum on behalf of the holders entitled thereto in paying up the amount, if any, unpaid on any shares held by such holders.

## **VIII. ACCOUNTS AND AUDIT**

### **Keeping of accounts and retention and location of accounting records**

144.

- (a) The board shall cause to be kept proper accounts and accounting records in accordance with the requirements of the statutes.
- (b) The accounting records shall be kept at the office or (subject to the provisions of the statutes) at such other place as the board thinks fit, and shall always be open to inspection by the directors and other officers. No member (other than a director or other officer) shall have any right of inspecting any account or book or document of the company except as conferred by law (including the statutes) or authorised by order of the court or by the board.

### **Accounts to be laid before general meetings**

145. The board shall from time to time, in accordance with the provisions of the statutes, cause to be prepared and to be laid before the company in general meeting such profit and loss accounts, balance sheets, group accounts and reports as are specified in the statutes.

### **Reports and accounts to be delivered to members, debentureholders and auditors**

146. Subject to the provisions of article 147, a copy of the directors' and auditors' reports accompanied by copies of the balance sheet, profit and loss account and other documents required by the statutes to be annexed to the balance sheet (together the "statutory accounts") shall, not less than 21 clear days prior to the annual or other general meeting at which it is proposed to lay such documents before members, be delivered or sent by post to the registered address of every member and holder of debentures of the company and to the auditors and to every other person, if any, who is entitled by these articles or the statutes to receive copies of such documents and/or notices of meetings from the company.

**Cases in which reports and accounts need not be delivered**

147. Article 146 shall not require a copy of the statutory accounts to be sent to more than one of joint holders or to any person who is not entitled to receive notices of meetings or of whose address the company is not aware, but any member or holder of debentures or person entitled by the statutes or these articles to receive a copy of the statutory accounts to whom a copy has not been sent shall be entitled to receive a hard copy free of charge on application at the office.

**Appointment of auditors**

148. Auditors shall be appointed, and their duties, powers, rights and remuneration regulated, in accordance with the provisions of the statutes.

**IX COMMUNICATIONS****Manner of communications**

149. Any documents or information to be sent or supplied by or to the company may be sent or supplied in hard copy form, in electronic form or by means of a website to the extent permitted by the statutes and these articles.

**Communications to the company**

150.

- (a) A document or information is validly sent or supplied by a member to the company in hard copy form if it is sent or supplied by hand or by post (in a prepaid envelope) to:
  - (i) an address specified by the company for the purpose;
  - (ii) the office; or
  - (iii) an address to which any provision of the statutes authorises the document or information to be sent or supplied.
- (b) A document or information may only be sent or supplied by a member to the company in electronic form if the company has notified the members that the document or information may be sent or supplied in that form (and not revoked that agreement).
- (c) Subject to paragraph (b) above, where a document or information is sent or supplied by electronic means, it may only be sent or supplied to an address:
  - (i) specified for the purpose by the company (generally or specifically); or
  - (ii) deemed by a provision of the statutes to have been so specified.
- (d) Subject to paragraph (b) above, where a document or information is sent or supplied in electronic form by hand or by post, it must be sent or supplied to an address to which it could validly be sent if it were in hard copy form in accordance with paragraph (a) above.

**Communications by the company or the board in hard copy form**

150A.

- (a) A document or information sent or supplied by the company or the board in hard copy form must be:
  - (i) handed to the intended recipient; or
  - (ii) sent or supplied by hand or by post (in a pre-paid envelope):
    - (A) to an address specified for the purpose by the intended recipient;
    - (B) to a company at its office;
    - (C) to a person in his capacity as a member, at his address as shown in the register;
    - (D) to a person in his capacity as a director, at his address as shown in the register of directors; or
    - (E) to an address to which any provision of the statutes authorises the document or information to be sent or supplied.
- (b) Where the company is unable to obtain any address falling within paragraph (a) above, the document or information may be sent or supplied to the intended recipient's last address known to the company.

**Communications by the company in electronic form**

150B.

- (a) A document or information may only be sent or supplied by the company or the board in electronic form:
  - (i) to a person who has agreed (generally or specifically) that the document or information may be sent or supplied in that form (and not revoked that agreement); or
  - (ii) to a company that is deemed to have so agreed by a provision in the statutes.
- (b) Where the document or information is sent or supplied by electronic means, it may only be sent or supplied to an address:
  - (i) specified for the purpose by the intended recipient (generally or specifically); or
  - (ii) where the intended recipient is a company, deemed by a provision of the statutes to have been so specified.



- (c) Where the document or information is sent or supplied in electronic form by hand or by post, it must be:
  - (i) handed to the intended recipient; or
  - (ii) sent or supplied to an address to which it could validly be sent if it were in hard copy form in accordance with article 150A.

**Communications by the company by means of a website**

150C.

- (a) A document or information may only be sent or supplied by the company to a person by being made available on a website if the person:
  - (i) has agreed (generally or specifically) that the document or information may be sent or supplied to him or her in that manner; or
  - (ii) is taken to have so agreed in accordance with the statutes, and has not revoked that agreement.
- (b) A document or information authorised or required to be sent or supplied by means of a website must be made available in a form, and by a means, that the company reasonably considers will enable the recipient to read it (and see any images contained in it) with the naked eye and to retain a copy of it.
- (c) The company must notify the intended recipient of:
  - (i) the presence of the document or information on the website;
  - (ii) the address of the website;
  - (iii) the place on the website where it may be accessed; and
  - (iv) how to access the document or information.
- (d) The document or information is taken to be sent:
  - (i) on the date on which the notification required by paragraph (c) above is sent; or
  - (ii) if later, the date on which the document or information first appears on the website after that notification is sent.
- (e) The company must make the document or information available on the website throughout:
  - (i) the period specified by any applicable provision of the statutes; or
  - (ii) if no such period is specified, the period of 28 days beginning with the date on which the notification required by paragraph (c) is sent to the person in question.

A failure to make a document or information available on a website throughout the period mentioned in this paragraph (e) shall be disregarded if (1) it is made available on the website for part of that period and (2) the failure to make it available throughout that period is wholly attributable to circumstances that it would not be reasonable to have expected the company to prevent or avoid.

#### **Communications by other means**

150D.

- (a) A document or information that is sent or supplied to the company otherwise than in hard copy form, electronic form or by means of a website is validly sent or supplied if it is sent or supplied in a form or manner that has been agreed by the company.
- (b) A document or information that is sent or supplied by the company or the board otherwise than in hard copy form, electronic form or by means of a website is validly sent or supplied if it is sent or supplied in a form or manner that has been agreed by the intended recipient.

#### **Suspension of supply of documents and information to a member**

150E.

- (a) If on three consecutive occasions documents or information, including any dividend payment in accordance with article 138 or a copy of any statutory accounts or summary financial statement, have been sent or supplied to any member in accordance with article 150A or article 150B(c), such member shall not thereafter be entitled to receive any documents or information from the company until he or she shall have communicated with the company and supplied in writing (signed by him or her) to the company at the transfer office a new registered address or an address within the United Kingdom for the service of notices.
- (b) If any document or information, including any dividend payment in accordance with article 138 or a copy of any statutory accounts or summary financial statement, have been sent or supplied by electronic means in accordance with article 150B (b) to any member at his or her address specified for the purpose or deemed to be so specified and the company becomes aware of a failure in delivery (and subsequent attempts to send or supply such document or information by electronic means also result in a failure in delivery), the company shall either:
  - (i) send or supply a hard copy of such document or information to such member; or
  - (ii) notify such member of the information set out in article 150C(c),in each case in the manner described in article 150A.

**When service effected on member**

151. Where a document or information is, under article 150A, sent or supplied by post, service or delivery shall be deemed to be effected at the expiration of 24 hours after the time when the cover containing the same is posted (irrespective of the class or type of post used) and in proving such service or delivery it shall be sufficient to prove that such cover was properly addressed and posted. Where a document or information is sent or supplied by electronic means to an address specified for the purpose by the intended recipient, service or delivery shall be deemed to be effected on the same day on which it is sent or supplied and in proving such service it will be sufficient to prove that it was properly addressed. Where a document or information is sent or supplied by means of a website, service or delivery shall be deemed to be effected when (a) the material is first made available on the website or (b) if later, when the recipient received (or, in accordance with this article 151, is deemed to have received) notification of the fact that the material was available on the website.

**Notice by advertisement**

152. If at any time by reason of the suspension or curtailment of postal services within the United Kingdom or by reason of a technical failure affecting the company (or its relevant agent(s)), the company is unable effectively to convene a meeting of the company by notice sent by post or by electronic means, notice of such meeting may be given by advertisement in the United Kingdom. In any such case the company shall send confirmatory copies of the notice by post or by electronic means if at least seven days prior to the meeting the posting of notices to addresses throughout the United Kingdom or sending notices by electronic means (as the case may be) again becomes practicable. Any notice given by advertisement shall be advertised on the same date in at least two leading daily newspapers in the United Kingdom and such notice shall be deemed to have been served or delivered at noon on the day when the advertisement appears.

**Documents and information to joint holders and agreement by joint holders**

153.

- (a) In respect of joint holdings documents or information shall be validly sent or supplied to all joint holders if sent or supplied to that one of the joint holders whose name stands first in the register.
- (b) Anything to be agreed or specified in relation to documents or information to be sent or supplied to joint holders, may be agreed or specified by that one of the joint holders whose name stands first in the register.

**Service of documents and information on persons entitled to shares by transmission**

154. A person entitled to a share in consequence of the death or bankruptcy of a member or otherwise by operation of law upon supplying to the company such evidence as the board may reasonably require to show his or her title to the share, and upon supplying also an address within the United Kingdom for the service of notices, shall be entitled to have sent or supplied to him or her at such address any document or information to which the member but for his or her death or bankruptcy or the other event in question would be entitled, and such sending or supply shall for all purposes be deemed a sufficient sending

or supply of such document or information to all persons interested (whether jointly with or as claiming through or under him or her) in the share. Save as aforesaid, any document or information sent or supplied to any member in pursuance of these articles shall, notwithstanding that such member be then dead or bankrupt, and whether or not the company has received notice of his or her death or bankruptcy or the other event in question, be deemed to have been duly served or delivered in respect of any share registered in the name of such member as sole or joint holder.

#### **Members not entitled to documents and information**

155. A member who (having no registered address within the United Kingdom) has not supplied to the company an address in the United Kingdom at which documents or information may be sent or supplied to him or her in hard copy form, or an address to which documents or information may be sent or supplied to him or her by electronic means, is not entitled to have documents or information sent or supplied to him or her by the company.

### **X. WINDING UP**

#### **Distribution of assets in specie**

156. In the winding up (whether the liquidation is voluntary or by the court) of the company the liquidator may, with the authority of a special resolution of the company and any other sanction required by the statutes, divide among the members in specie the whole or any part of the assets of the company, whether or not the assets shall consist of property of one kind, and may for such purposes set such value as the liquidator deems fair upon any one or more class or classes of property, and may determine how such division shall be carried out as between the members or different classes of members. The liquidator may, with the like authority, vest any part of the assets in trustees upon such trusts for the benefit of members as the liquidator, with the like authority, shall think fit, and the liquidation of the company may be closed and the company dissolved, but so that no member shall be compelled to accept any assets in respect of which there is a liability.

### **XI. INDEMNITY AND INSURANCE**

#### **Indemnity of officers, funding directors' defence costs and power to purchase insurance**

157.

- (a) To the extent permitted by the Companies Act 1985 and the Companies Act 2006, every person who is or was a director or other officer of the company (other than any person (whether or not an officer of the company) engaged by the company as auditor) shall be and shall be kept indemnified out of the assets of the company against all costs, charges, losses and liabilities incurred by him (whether in connection with any negligence, default, breach of duty or breach of trust by him or otherwise) in relation to the company or its affairs provided that such indemnity shall not apply in respect of any liability incurred by him:
  - (i) to the company or to any associated company; or

- (ii) to pay a fine imposed in criminal proceedings; or
  - (iii) to pay a sum payable to a regulatory authority by way of a penalty in respect of non-compliance with any requirement of a regulatory nature (howsoever arising); or
  - (iv) in defending any criminal proceedings in which he or she is convicted; or
  - (v) in defending any civil proceedings brought by the company, or an associated company, in which judgment is given against him; or
  - (vi) in connection with any application under any of the following provisions in which the court refuses to grant him relief, namely:
    - (A) section 144(3) or (4) of the Companies Act 1985 (acquisition of shares by innocent nominee); or
    - (B) section 727 of the Companies Act 1985 (general power to grant relief in case of honest and reasonable conduct).
- (b) In article 157(a)(iv), (v) or (vi) the reference to a conviction, judgment or refusal of relief is a reference to one that has become final. A conviction, judgment or refusal of relief becomes final:
- (i) if not appealed against, at the end of the period for bringing an appeal; or
  - (ii) if appealed against, at the time when the appeal (or any further appeal) is disposed of.
- An appeal is disposed of:
- (1) if it is determined and the period for bringing any further appeal has ended; or
  - (2) if it is abandoned or otherwise ceases to have effect.
- (c) To the extent permitted by the Companies Act 1985 and the Companies Act 2006, every person who is or was a director of the company acting in its capacity as a trustee of an occupational pension scheme shall be and shall be kept indemnified out of the assets of the company against all costs, charges, losses and liabilities incurred by him in connection with the company's activities as trustee of the scheme provided that such indemnity shall not apply in respect of any liability incurred by him:
- (i) to pay a fine imposed in criminal proceedings; or

- (ii) to pay a sum payable to a regulatory authority by way of a penalty in respect of non-compliance with any requirement of a regulatory nature (howsoever arising); or
- (iii) in defending criminal proceedings in which he or she is convicted.

For the purposes of this article, a reference to a conviction is to the final decision in the proceedings. The provisions of article 160(b) shall apply in determining when a conviction becomes final.

- (d) Without prejudice to article 157(a) and to the extent permitted by the Companies Act 1985 and the Companies Act 2006 and otherwise upon such terms and subject to such conditions as the board may in its absolute discretion think fit, the board shall have the power to make arrangements to provide a director with funds to meet expenditure incurred or to be incurred by him in defending any criminal or civil proceedings or in connection with an application under section 144(3) or (4) of the Companies Act 1985 (acquisition of shares by innocent nominee) or section 727 of the Companies Act 1985 (general power to grant relief in case of honest and reasonable conduct) or in defending himself in an investigation by a regulatory authority or against action proposed to be taken by a regulatory authority or to enable a director to avoid incurring any such expenditure.
- (e) Where at any meeting of the board or a committee of the board any arrangement falling within paragraph (d) above is to be considered, a director shall be entitled to vote and be counted in the quorum at such meeting unless the terms of such arrangement confers upon such director a benefit not generally available to any other director; in that event, the interest of such director in such arrangement shall be deemed to be a material interest for the purposes of article 90 and he or she shall not be so entitled to vote or be counted in the quorum.
- (f) To the extent permitted by the Companies Act 1985 and the Companies Act 2006, the board may exercise all the powers of the company to purchase and maintain insurance for the benefit of a person who is or was:
  - (i) a director, alternate director, secretary, employee, agent or consultant of the company or of a company which is or was a subsidiary undertaking of the company or in which the company has or had an interest (whether direct or indirect); or
  - (ii) trustee of a retirement benefits scheme, employee share scheme or other trust in which a person referred to in subparagraph (f)(i) above is or has been interested,

indemnifying him and keeping him indemnified against liability for negligence, default, breach of duty or breach of trust or other liability which may lawfully be insured against by the company.

**LONG TERM DEBT INSTRUMENTS**

Neither Barclays PLC nor Barclays Bank PLC is party to any single instrument relating to long-term debt pursuant to which a total amount of securities exceeding 10% of its total assets (on a consolidated basis) is authorised to be issued. Each of Barclays PLC and Barclays Bank PLC hereby agrees to furnish to the Securities and Exchange Commission (the "Commission"), upon its request, a copy of any instrument defining the rights of holders of its long-term debt or the rights of holders of the long-term debt of any of its subsidiaries for which consolidated or unconsolidated financial statements are required to be filed with the Commission.



**Lawrence Dickinson**  
Company Secretary

One Churchill Place  
London  
EC14 5RP

10 March 2009

Dear Simon

I am writing to you about your appointment as a Director of Barclays PLC and Barclays Bank PLC with effect from 10 March 2009.

**1. Fees**

As a Non-Executive Director you will receive a fee of £70,000 per annum, payable monthly in arrears by direct credit into your nominated bank account. In the event that you hold office for part of the year the fees shall be pro-rated accordingly on the basis of one twelfth for each complete or part month served. £20,000 of this fee, after tax and national insurance, will be used to purchase Barclays PLC shares twice per year, in February and August. These shares will be held on your behalf until you leave the Board. Enclosed with this letter is an agreement setting out details in respect of this remuneration in Barclays PLC shares, which you are asked to sign and return.

Any reasonable out of pocket expenses that you incur in performing your duties as a Director (travelling expenses in attending Board meetings etc.) will be reimbursed in accordance with our standard expenses policy. The Board (with the Non-Executive Directors abstaining) reviews the level of fees paid to Non-Executive Directors annually.

**2. Terms of Your Appointment**

The Directors, rather than the shareholders in general meeting, have appointed you to the Boards of Barclays PLC and Barclays Bank PLC. As a consequence, you are required to seek re-election at the Barclays PLC Annual General Meeting in 2009. As with all of the Directors, you will then normally be required to seek re-election at least every three years.

Your initial term of office will be for up to six years. On or before the sixth anniversary of your appointment we will agree with you whether it is appropriate for you to continue for up to another three years. In addition, you will also have an annual review with the Chairman of your performance as a Non-Executive Director. The Board has also adopted a formal system of self-evaluation, which is carried out on an annual basis.



Your appointment as a Non-Executive Director may be terminated by us on six months notice (or immediately on payment of six months fees in lieu of notice) but would automatically terminate without any entitlement to notice or payment if the Barclays PLC shareholders do not re-elect you whenever you stand for re-election and/or if you are removed from office by the shareholders. The Board shall also reserve the right to reconsider your appointment as a Director and therefore to terminate your appointment forthwith should there be any material change to your personal circumstances that the Board believes may affect your appointment as a Director of Barclays PLC and Barclays Bank PLC. A material change shall include, but not be limited to, the following:

- where you resign, retire or are removed from office from any of your other external appointments (including, but not limited to, any other directorships).
- where you are appointed to any other company, corporate body or other entity (internal or external), which has not been agreed in advance with the Chairman.
- where an incident occurs, which the Board considers could adversely affect the reputation of the Group.

Where such a material change occurs, you must inform the Chairman as soon as possible.

Should you wish to resign your appointment, you are required to give us not less than six months' notice.

### **3. Role**

Attached to this letter is a role profile for Non-Executive Directors, which has been agreed by the Board. The Board may change this role profile from time to time and the role profile as amended shall, once notified to you, be deemed to form part of this letter in place of the document attached.

### **4. Time Commitment**

The Board normally meets formally 8-10 times a year, including a 1½ day strategy session in November, and will otherwise meet on an ad-hoc basis as required. Directors are also expected to attend the Barclays AGM, which is usually held at the end of April each year, and be available afterwards to meet with and answer the questions of shareholders.

Directors are expected to attend each meeting of the Board, including those called on an ad-hoc basis to discuss urgent matters, and to set aside sufficient time to consider the papers in respect of those meetings, which are normally sent to Directors in the week prior to the meeting. On average, we would expect Board matters to take approximately 20-25 working days of your time per annum, not including any membership of Board Committees.

### **5. Committees**

The Chairman may invite you in due course to serve as a member of one or more of the principal Board Committees. Additional fees will be paid for membership of Committees, which will be discussed with you at the time, together with the time commitment involved. Any letter of appointment to a Board Committee will form an addendum to this letter.

**6. Directors Share Qualification**

Under our Articles of Association, you will be required to hold £500 in nominal value (2,000 ordinary shares of 25p each) of Barclays shares within two months of your appointment (on or before 10 May 2009). If you would like any assistance in buying these shares please speak to me.

If you already hold Barclays shares, please let me know as soon as possible so that we can make the necessary announcement under the UKLA's Disclosure and Transparency Rules.

**7. Induction and support**

As part of the induction of Directors we encourage you to meet some of the key members of our senior management and we will agree a suitable induction programme with you shortly. Ongoing training and briefings on particular topics will be made available at your request. The services of the Company Secretary and the Barclays Corporate Secretariat are available to assist you with both day-to-day and specific matters in your role as a Director of Barclays. Also, should you feel that there maybe implications for you personally in carrying out the duties of your directorship, you may seek independent advice on any matter, at the Group's expense.

**8. Indemnity**

For the avoidance of doubt, the Boards have confirmed that as a Director of Barclays PLC and Barclays Bank PLC you have the benefit of and are able to rely upon the indemnity contained in Article 160 of the Barclays PLC Articles of Association and the identical wording in Article 157 of the Barclays Bank PLC Articles of Association, the terms of which are hereby expressly incorporated into this letter of appointment. Copies of the relevant Articles are attached for your ease of reference.

In outline, the effect of the Articles (as restricted by relevant statutory provisions) is to provide an indemnity in respect of certain liabilities incurred by you in the execution of your duties, provided that the liability does not arise by virtue of your negligence, default, breach of duty or breach of trust in relation to the Bank. A copy of the indemnity wording is attached to this letter. The indemnity is of course in addition to any other protection available to you by virtue of provisions of statute, common law or indeed any specific contract.

I should be grateful if you would confirm receipt of this letter, and your acceptance of the conditional appointments as set out, by signing and returning the enclosed copy. I am available at any time to provide any information you may need.

Yours sincerely

/s/ Lawrence Dickinson

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**Lawrence Dickinson**  
Company Secretary

I agree to the terms and conditions of my appointment as set out in this letter.

Signed: /s/ Simon Fraser  
Simon Fraser

Date: March 17, 2009

**Barclays PLC Warrants (the Warrants)**

<b>Issuer:</b>	Barclays PLC (the <b>Company</b> )
<b>Securities Offered:</b>	1,516,875,236 Warrants to subscribe for Ordinary Shares
<b>Warrants Issue Price:</b>	0.01 pence per 100,000 Warrants (rounded, if necessary, up to the nearest penny)
<b>Warrant Issue Date:</b>	31st October 2008
<b>Gross Number of Ordinary Shares on the Warrants Issue Date:</b>	One per Warrant
<b>Aggregate Warrant Exercise Consideration:</b>	197.775 pence per Warrant (197.775 pence per Ordinary Share)
<b>Form:</b>	Registered form
<b>Status:</b>	Unsubordinated
<b>Exercise Right:</b>	The holder of each Warrant will have the right to exercise such Warrant into the Gross Number of Ordinary Shares at any time during the Exercise Period upon the payment of the Aggregate Warrant Exercise Consideration and the relevant exercise expenses. The original subscribers for the Warrants (but not any transferees) are entitled to a reduction in the Aggregate Warrant Exercise Consideration in the event that the Company issues further Ordinary Shares by way of a rights issue between 1st July 2009 and 30th June 2011 and the price of an Ordinary Share at the time of the rights issue is less than 197.775 pence
<b>Exercise Period:</b>	The period beginning on the date on which the Company notifies the Warrantheolders that shareholder approvals have been obtained and BBPLC has issued the RCIs and ending on 31st October 2013
<b>Regulatory Approvals and Filings:</b>	Each of Qatar Holding and the entity representing the beneficial interests of HH Sheikh Mansour Bin Zayed Al Nahyan has given undertakings to the Company not to exercise any Warrants unless and until, if and to the extent that exercise would result in its total shareholding (aggregated with certain of its related parties) in the Company reaching 10% or more of the shares of or voting power in, or it otherwise being deemed to exercise "control" (as defined under applicable US law and regulation) over, the Company, it and the Company have made all filings and registrations with, and obtained all approvals or authorisations from, governmental and

regulatory authorities necessary or advisable for such exercise and the consequential acquisition by it of Ordinary Shares

**Other Anti-Dilution Provisions:**

The Warrants will contain provisions for the adjustment of the Gross Number of Ordinary Shares in the event of the occurrence of certain dilutive events including, amongst others, extraordinary dividends, bonus issues, alterations to the nominal value of the Ordinary Shares and rights issues

**Governing Law:**

English Law

**Listing of the Warrants:**

Applications to be made for admission to listing on the Official List of the UK Listing Authority and to trading on the London Stock Exchange. Offered outside the United States in reliance on Regulation S

**Barclays Bank PLC £4.05 billion Mandatorily Convertible Notes (the MCNs)**

<b>Issuer:</b>	Barclays Bank PLC ( <b>BBPLC</b> )
<b>Securities Offered:</b>	Mandatorily Convertible Notes due 2009 convertible into Ordinary Shares
<b>Issue Size:</b>	£4.05 billion
<b>Currency:</b>	Pounds Sterling
<b>Form and Denomination:</b>	Bearer form in denominations of £50,000
<b>Status:</b>	Senior Unsecured
<b>Issue Price:</b>	100%
<b>Mandatory Conversion Date:</b>	30th June 2009
<b>Maturity Date:</b>	30th September 2009
<b>Coupon:</b>	9.75%, payable quarterly in arrear. A short first coupon of £441.96 per MCN is payable on 30 December 2008
<b>Mandatory Conversion:</b>	Unless previously purchased and cancelled or converted, each MCN will be mandatorily and automatically converted on the Mandatory Conversion Date for such number of Ordinary Shares as results from dividing the principal amount of the MCN by the Conversion Price in effect on the Mandatory Conversion Date (rounded down to the nearest whole number of Ordinary Shares). Holders of MCNs shall not be entitled to receive fractions of an Ordinary Share and shall not be entitled to receive a cash payment in lieu thereof
<b>Optional Conversion Right:</b>	Each holder of an MCN shall have the right at any time from the business day following the Closing Date until the close of business on the fifth business day prior to the Mandatory Conversion Date (the Optional Conversion Period) to convert each MCN for such number of Ordinary Shares as results from dividing the principal amount of the MCN by the Conversion Price in effect on the conversion date (rounded down to the nearest whole number of Ordinary Shares). Holders of MCNs shall not be entitled to receive fractions of an Ordinary Share and shall not be entitled to receive a cash payment in lieu thereof
<b>Conversion Price:</b>	153.276 pence, representing a 22.5% discount to the average of the closing middle market quotations of an Ordinary Share as derived from the Daily Official List on 29th and 30th October 2008 (the <b>Average Barclays Closing Price</b> ), subject to adjustment as described below

**Adjustment to the Conversion Price:**

The issue of new Ordinary Shares or certain other securities and rights of the Company, at any time during the period commencing on the issue date and ending on the date on which a holder exercises its Optional Conversion Right or on the Mandatory Conversion Date, at a price (the **Future Placing Price**) lower than the then current Conversion Price will (subject to exceptions for Ordinary Shares issued pursuant to employee share schemes, under the Warrants or as a result of certain corporate events) result in a downward adjustment to the Conversion Price (subject to a minimum Conversion Price of the then par value per Ordinary Share (currently 25 pence)) so that it equals the Future Placing Price. The Conversion Price will also be subject to adjustment if the Company distributes an extraordinary dividend or if certain dilutive events occur, including bonus issues, rights issues or an adjustment to the nominal value or redenomination of the Ordinary Shares

**Fees and commissions:**

Arrangement fee of £66 million payable to Qatar Holding. Commitment fee of 4% payable to Qatar Holding, Challenger and HH Sheikh Mansour Bin Zayed Al Nahyan, such that Qatar Holding will receive £20 million, Challenger will receive £12 million and HH Sheikh Mansour Bin Zayed Al Nahyan will receive £80 million

**Closing & Settlement Date:**

The third business day after the date on which the requisite shareholder approvals are received

**Regulatory Approvals and Filings:**

Each of Qatar Holding and the entity representing the beneficial interests of HH Sheikh Mansour Bin Zayed Al Nahyan has given undertakings to the Company not to deliver a conversion notice in respect of its MCNs unless and until, if and to the extent that the consequent conversion would result in its total shareholding (aggregated with certain of its related parties) in the Company reaching 10% or more of the shares of or voting power in, or it otherwise being deemed to exercise “control” (as defined under applicable US law and regulation) over, the Company, it and the Company have made all filings and registrations with, and obtained all approvals or authorisations from, governmental and regulatory authorities necessary or advisable for the conversion of its MCNs into Ordinary Shares

**Failure by a holder of MCNs on Mandatory Conversion:**

In the event that a holder of MCNs does not deliver a conversion notice and confirm its instructions to transfer its interest in the MCNs to the paying and conversion agent and pay the conversion expenses to BBPLC on or prior to 4 business days prior to the Mandatory Conversion Date, the Ordinary Shares to which such holder is entitled will be issued to the trustee of the MCNs (or one or more other duly appointed nominees) or as the trustee may direct

on the Mandatory Conversion Date and sold by or on behalf of the trustee (or such nominees) as soon as practicable. Subject to the deduction of costs and expenses, the net proceeds of sale shall be distributed rateably to the relevant holders

**Taxation:**

Payments in respect of MCNs will be made subject to any withholding or deduction for or on account of taxes or as required by law. There is no requirement to pay any additional or further amounts to holders in respect of such withholding or deduction

**Governing Law:**

English Law

**Listing of the MCNs:**

Applications to be made for admission to listing on the Official List of the UK Listing Authority and to trading on the London Stock Exchange. Admission and commencement of dealings expected to commence from 28th November 2008. Offered outside the United States in reliance on Regulation S



**Exhibit 7.1**

**RATIOS OF EARNINGS UNDER IFRS TO FIXED CHARGES**

The calculations can be found in the Barclays Bank PLC financial data on page 300 of the Form 20-F.

**Exhibit 7.2**

**RATIOS OF EARNINGS UNDER IFRS TO COMBINED FIXED CHARGES, PREFERENCE  
SHARE DIVIDENDS AND SIMILAR APPROPRIATIONS**

The calculations can be found in the Barclays Bank PLC financial data on page 300 of the Form 20-F.

**Exhibit 8.1**

	<u>Jurisdiction</u>	<u>Company Name</u>
1	<b>South Africa</b>	1900 Summerstrand Share Block Limited
2	<b>United Kingdom</b>	54 Lombard Street Investments Limited
3	<b>Cayman Islands</b>	Abellio Investments Limited
4	<b>South Africa</b>	Abprocure (Proprietary) Limited
5	<b>South Africa</b>	Absa Asset Management (Proprietary) Limited
6	<b>South Africa</b>	Absa Asset Management Nominees (Proprietary) Limited
7	<b>South Africa</b>	Absa Bank Limited
8	<b>South Africa</b>	ABSA CAPITAL PRIVATE EQUITY (PROPRIETARY) LIMITED
9	<b>South Africa</b>	Absa Capital Structured Products (Proprietary) Limited
10	<b>South Africa</b>	Absa Consultants and Actuaries (Proprietary) Limited
11	<b>South Africa</b>	Absa Debtor Finance (Proprietary) Limited
12	<b>South Africa</b>	Absa Estate Agency (Proprietary) Limited
13	<b>South Africa</b>	Absa Financial Services Limited
14	<b>South Africa</b>	Absa Fleet Services Limited
15	<b>South Africa</b>	Absa Fund Managers Limited
16	<b>South Africa</b>	Absa Group Limited
17	<b>South Africa</b>	Absa Health Care Consultants (Proprietary) Limited
18	<b>South Africa</b>	Absa idirect Limited
19	<b>South Africa</b>	Absa Insurance and Financial Advisers (Proprietary) Limited
20	<b>South Africa</b>	Absa Insurance Company Limited
21	<b>South Africa</b>	Absa Insurance Risk Management Services Limited
22	<b>South Africa</b>	Absa Investment Management Services (Proprietary) Limited
23	<b>South Africa</b>	Absa Life Limited
24	<b>Isle of Man</b>	Absa Manx Holdings Limited
25	<b>Isle of Man</b>	Absa Manx Insurance Company Limited
26	<b>South Africa</b>	Absa Mortgage Fund Managers (Proprietary) Limited
27	<b>South Africa</b>	Absa Nominees (Proprietary) Limited
28	<b>South Africa</b>	Absa Ontwikkelingsmaatskappy (Eiendoms) Beperk
29	<b>South Africa</b>	Absa Ontwikkelingsmaatskappy Beherend (Eiendoms) Beperk
30	<b>South Africa</b>	Absa Portfolio Managers (Proprietary) Limited
31	<b>South Africa</b>	Absa Property Development (Proprietary) Limited
32	<b>South Africa</b>	Absa Secretarial Services (Proprietary) Limited
33	<b>South Africa</b>	Absa Stockbrokers (Proprietary) Limited
34	<b>South Africa</b>	Absa Technology Finance Solutions (Proprietary) Limited
35	<b>South Africa</b>	Absa Trading & Investment Solutions Holdings Limited
36	<b>South Africa</b>	Absa Trading & Investment Solutions Limited
37	<b>South Africa</b>	Absa Trust (Natal) Limited
38	<b>South Africa</b>	Absa Trust Limited
39	<b>South Africa</b>	Absa Trust Nominees (Proprietary) Limited
40	<b>South Africa</b>	Absa Trust Properties (Proprietary) Limited
41	<b>South Africa</b>	Absa Vehicle Management (Proprietary) Limited
42	<b>South Africa</b>	Absa Vehicle Management Solutions (Proprietary) Limited
43	<b>South Africa</b>	Abvest Holdings (Proprietary) Limited

44	<b>South Africa</b>	ACMB Specialised Finance Nominees (Proprietary) Limited
45	<b>South Africa</b>	ACMB Specialised Finance Preferred Investments (Proprietary) Limited
46	<b>South Africa</b>	ACMB Specialised Finance Shelfco (Proprietary) Limited
47	<b>South Africa</b>	ACMB Specialised Finance Strategic Investments (Proprietary) Limited
48	<b>Jersey</b>	Acrux Investments Limited
49	<b>Zimbabwe</b>	Afcarme Zimbabwe Holdings (Pvt) Limited
50	<b>South Africa</b>	Africa Growth Network Holdings (Proprietary) Limited
51	<b>South Africa</b>	AIMS Nominees (Proprietary) Limited
52	<b>Jersey</b>	Aix Investment Company Limited
53	<b>Virgin Islands, British</b>	Akela Finance Limited
54	<b>South Africa</b>	Alberton Industrial Properties (Proprietary) Limited
55	<b>South Africa</b>	Algoa and Eastern Development (Proprietary) Limited
56	<b>South Africa</b>	Allan Gray Property Trust Nominees (Proprietary) Limited
57	<b>South Africa</b>	Allied Development Company (Proprietary) Limited
58	<b>South Africa</b>	Allied Grinaker Properties (Proprietary) Limited
59	<b>South Africa</b>	Allied Property Trustees (Sycom) (Proprietary) Limited
60	<b>South Africa</b>	Allpay Consolidated Investment Holdings (Proprietary) Limited
61	<b>South Africa</b>	Allpay Eastern Cape (Proprietary) Limited
62	<b>South Africa</b>	Allpay Free State (Proprietary) Limited
63	<b>South Africa</b>	Allpay Gauteng (Proprietary) Limited
64	<b>South Africa</b>	Allpay Kwazulu-Natal (Proprietary) Limited
65	<b>South Africa</b>	Allpay Limpopo (Proprietary) Limited
66	<b>South Africa</b>	Allpay Mpumalanga (Proprietary) Limited
67	<b>South Africa</b>	Allpay Northern Cape (Proprietary) Limited
68	<b>South Africa</b>	Allpay Northwest (Proprietary) Limited
69	<b>South Africa</b>	Allpay Western Cape (Proprietary) Limited
70	<b>Cayman Islands</b>	Alpedhuez Investments Limited
71	<b>Cayman Islands</b>	Alymere Investments Limited
72	<b>United Kingdom</b>	Alymere Investments Limited Partnership
73	<b>Luxembourg</b>	Alymere Investments S.a.r.l.
74	<b>Cayman Islands</b>	Alymere Investments Two Limited
75	<b>Germany</b>	Am Platzl Nominees GmbH
76	<b>South Africa</b>	Amberfair Sixteen (Proprietary) Limited
77	<b>South Africa</b>	Ambit Management Services (Proprietary) Limited
78	<b>Spain</b>	Antilia Promociones Inmobiliarias SA
79	<b>Cayman Islands</b>	Antlia Investments Limited
80	<b>Cayman Islands</b>	Anwell Investments Limited
81	<b>Cayman Islands</b>	Apollonian Investments Limited
82	<b>United States</b>	Appalachian NPI, LLC
83	<b>Cayman Islands</b>	Aquitaine Investments Limited
84	<b>United States</b>	Arinagour Investments LLC
85	<b>Cayman Islands</b>	Ascelpius Investments Limited
86	<b>Cayman Islands</b>	Aspet Investments Limited
87	<b>Cayman Islands</b>	Aspet Nouveau Investments Limited

88	<b>Cayman Islands</b>	Aspin Investments Limited
89	<b>Cayman Islands</b>	Aspin Nouveau Investments Limited
90	<b>South Africa</b>	Associated Rent-A-Car Holdings (Proprietary) Limited
91	<b>South Africa</b>	ATIS RAD Holdings (Proprietary) Limited
92	<b>South Africa</b>	ATIS RAD Property Trading (Proprietary) Limited
93	<b>South Africa</b>	ATIS Securities Limited
94	<b>South Africa</b>	ATIS Technology Investments (Proprietary) Limited
95	<b>Cayman Islands</b>	Aubisque Investments Limited
96	<b>Cayman Islands</b>	Aubisque UK Investments Limited
97	<b>United States</b>	Augustus Funding, LLC
98	<b>United Kingdom</b>	AUK
99	<b>Spain</b>	Auxiliar de Banca y Finanzas AIE
100	<b>United Kingdom</b>	B D & B Investments Limited
101	<b>United Kingdom</b>	B.P.B. (Holdings) Limited
102	<b>Virgin Islands, British</b>	Bagheera International Limited
103	<b>Cayman Islands</b>	Ballon Investments Limited
104	<b>Cayman Islands</b>	Ballon Nouveau Investments Limited
105	<b>Brazil</b>	Banco Barclays S.A.
106	<b>South Africa</b>	Bankfil Limited
107	<b>South Africa</b>	Bankorp Beherend Limited
108	<b>South Africa</b>	Bankorptrust Limited
109	<b>United Kingdom</b>	Barafor Limited
110	<b>Jersey</b>	Barbridge Limited
111	<b>United Kingdom</b>	Barclay Leasing Limited
112	<b>Ireland</b>	Barclaycard (Ireland) Limited
113	<b>United Kingdom</b>	Barclaycard Funding PLC
114	<b>Ireland</b>	Barclaycard Irish Properties Limited
115	<b>Mauritius</b>	Barclays (H&B) Mauritius Limited
116	<b>Kenya</b>	Barclays (Kenya) Nominees Limited
117	<b>United Kingdom</b>	Barclays (Security Realisation) Limited
118	<b>Tanzania, United Republic of</b>	Barclays (Tanzania) Nominees Limited
119	<b>Luxembourg</b>	Barclays Aegis Investments S.a.r.l.
120	<b>United Kingdom</b>	Barclays Aldersgate Investments Limited
121	<b>United Kingdom</b>	Barclays Alma Mater General Partner Limited
122	<b>Luxembourg</b>	Barclays Alpheus Investments S.a.r.l.
123	<b>United Kingdom</b>	Barclays Amarillo Investments Limited
124	<b>Hong Kong</b>	Barclays Asia Limited
125	<b>United Kingdom</b>	Barclays Asset Management Services Limited
126	<b>Ireland</b>	Barclays Assurance (Dublin) Limited
127	<b>France</b>	Barclays Bail SA
128	<b>Seychelles</b>	Barclays Bank (Seychelles) Limited
129	<b>Singapore</b>	Barclays Bank (Singapore Nominees) Pte Ltd.
130	<b>Singapore</b>	Barclays Bank (South East Asia) Nominees Private Limited
131	<b>Switzerland</b>	Barclays Bank (Suisse) S.A.

132	<b>United States</b>	Barclays Bank Delaware
133	<b>Egypt</b>	Barclays Bank Egypt SAE
134	<b>Kenya</b>	Barclays Bank Insurance Agency Limited
135	<b>Ireland</b>	Barclays Bank Ireland Public Limited Company
136	<b>Russia</b>	Barclays Bank LLC
137	<b>Mauritius</b>	Barclays Bank Mauritius Limited
138	<b>Mexico</b>	Barclays Bank Mexico, S.A.
139	<b>Mozambique</b>	Barclays Bank Mozambique
140	<b>Botswana</b>	Barclays Bank of Botswana Limited
141	<b>Ghana</b>	Barclays Bank of Ghana Limited
142	<b>Ghana</b>	Barclays Bank of Ghana Nominees Limited
143	<b>Kenya</b>	Barclays Bank of Kenya Limited
144	<b>Uganda</b>	Barclays Bank of Uganda Limited
145	<b>Zimbabwe</b>	Barclays Bank of Zimbabwe Limited
146	<b>United Kingdom</b>	Barclays Bank PLC
147	<b>Spain</b>	Barclays Bank SA
148	<b>Tanzania, United Republic of</b>	Barclays Bank Tanzania Limited
149	<b>United Kingdom</b>	Barclays Bank Trust Company Limited
150	<b>Zambia</b>	Barclays Bank Zambia Plc
151	<b>Cayman Islands</b>	Barclays BGI Holdings Limited
152	<b>Botswana</b>	Barclays Botswana Nominees (Pty) Limited
153	<b>United States</b>	Barclays Business Credit L.L.C.
154	<b>United States</b>	Barclays California Corporation
155	<b>Canada</b>	Barclays Canada Ltd.
156	<b>Canada</b>	Barclays Canadian Commodities Limited
157	<b>Cayman Islands</b>	Barclays Capital (Cayman) Limited
158	<b>Jersey</b>	Barclays Capital (Jersey) Limited
159	<b>Argentina</b>	Barclays Capital Argentina S.A.
160	<b>United Kingdom</b>	Barclays Capital Asia Holdings Limited
161	<b>Hong Kong</b>	Barclays Capital Asia Limited
162	<b>Canada</b>	Barclays Capital Canada Inc
163	<b>Mexico</b>	Barclays Capital Casa de Bolsa, S.A. de C.V.
164	<b>United States</b>	Barclays Capital Commercial Real Estate LLC
165	<b>United States</b>	Barclays Capital Commodities Corporation
166	<b>Germany</b>	Barclays Capital Effekten GmbH
167	<b>United States</b>	Barclays Capital Energy Inc.
168	<b>United States</b>	Barclays Capital Equities Trading, L.P.
169	<b>United Kingdom</b>	Barclays Capital Finance Limited
170	<b>Japan</b>	Barclays Capital Fund Solutions Japan Limited
171	<b>Singapore</b>	Barclays Capital Futures (Singapore) Private Limited
172	<b>Hong Kong</b>	Barclays Capital Futures Hong Kong Limited
173	<b>Singapore</b>	Barclays Capital Global Services Singapore Pte. Limited
174	<b>Singapore</b>	Barclays Capital Holdings (Singapore) Private Limited
175	<b>United States</b>	Barclays Capital Inc.

176	<b>Netherlands</b>	Barclays Capital Investments B.V.
177	<b>Luxembourg</b>	Barclays Capital Investments Luxembourg S.a.r.l.
178	<b>Cayman Islands</b>	Barclays Capital Japan Holdings Limited
179	<b>Japan</b>	Barclays Capital Japan Limited
180	<b>United Kingdom</b>	Barclays Capital Japan Securities Holdings Limited
181	<b>Luxembourg</b>	Barclays Capital Luxembourg S.a.r.l.
182	<b>United Kingdom</b>	Barclays Capital Margin Financing Limited
183	<b>Malaysia</b>	Barclays Capital Markets Malaysia Sdn Bhd.
184	<b>Mauritius</b>	Barclays Capital Mauritius Limited
185	<b>United Kingdom</b>	Barclays Capital Mortgage Servicing Limited
186	<b>United Kingdom</b>	Barclays Capital Nominees (No.2) Limited
187	<b>United Kingdom</b>	Barclays Capital Nominees (No.3) Limited
188	<b>United Kingdom</b>	Barclays Capital Nominees Limited
189	<b>United Kingdom</b>	Barclays Capital Overseas Limited
190	<b>United Kingdom</b>	Barclays Capital Principal Investments Limited
191	<b>United Kingdom</b>	Barclays Capital Projects Limited
192	<b>United States</b>	Barclays Capital Real Estate Finance Inc.
193	<b>United States</b>	Barclays Capital Real Estate Holdings Inc.
194	<b>United States</b>	Barclays Capital Real Estate Inc.
195	<b>United States</b>	Barclays Capital Real Estate, G.P.
196	<b>Thailand</b>	Barclays Capital Securities (Thailand) Ltd.
197	<b>Hong Kong</b>	Barclays Capital Securities Asia Limited
198	<b>United Kingdom</b>	Barclays Capital Securities Limited
199	<b>Mauritius</b>	Barclays Capital Securities Mauritius Limited
200	<b>Ukraine</b>	Barclays Capital Services (Ukraine) LLC
201	<b>United States</b>	Barclays Capital Services Inc.
202	<b>United Kingdom</b>	Barclays Capital Services Limited
203	<b>United Kingdom</b>	Barclays Capital Strategic Advisers Limited
204	<b>United Kingdom</b>	Barclays Converted Investments (No.2) Limited
205	<b>United Kingdom</b>	Barclays Converted Investments Limited
206	<b>Canada</b>	Barclays Corporation Limited
207	<b>France</b>	Barclays Courtage SAS
208	<b>Netherlands</b>	Barclays Crossharbour Investments B.V.
209	<b>United Kingdom</b>	Barclays Darnay Euro Investments Limited
210	<b>Netherlands</b>	Barclays Delta Investments B.V.
211	<b>Kenya</b>	Barclays Deposit Taking Microfinance Limited
212	<b>United Kingdom</b>	Barclays Directors Limited
213	<b>Spain</b>	Barclays Distribución, S.A.
214	<b>France</b>	Barclays Diversification
215	<b>United Kingdom</b>	Barclays E.B.S. Managers Limited
216	<b>United States</b>	Barclays Electronic Commerce Holdings Inc.
217	<b>United Kingdom</b>	Barclays European Infrastructure II Limited
218	<b>United Kingdom</b>	Barclays European Infrastructure Limited
219	<b>United Kingdom</b>	Barclays Executive Schemes Trustees Limited

220	<b>United Kingdom</b>	Barclays Export and Finance Company Limited
221	<b>United Kingdom</b>	Barclays Factoring Limited
222	<b>Spain</b>	Barclays Factoring SA Establecimiento Financiero De Credito
223	<b>Italy</b>	Barclays Family S.p.A
224	<b>United Kingdom</b>	Barclays Finance Europe Limited
225	<b>Spain</b>	Barclays Finance, Agente de Banca, S.A.
226	<b>United States</b>	Barclays Financial Corporation
227	<b>United States</b>	Barclays Financial LLC
228	<b>United Kingdom</b>	Barclays Financial Planning
229	<b>United Kingdom</b>	Barclays Financial Planning Nominee Company Limited
230	<b>Italy</b>	Barclays Financial Services Italia S.p.A.
231	<b>Kenya</b>	Barclays Financial Services Limited
232	<b>France</b>	Barclays France SA
233	<b>Jersey</b>	Barclays Funding (Jersey) Limited
234	<b>United Kingdom</b>	Barclays Funds Investments (Europe) Limited
235	<b>United Kingdom</b>	Barclays Funds Investments Limited
236	<b>United Kingdom</b>	Barclays Funds Limited (Strike Off Requested 08/12/2008)
237	<b>Gibraltar</b>	Barclays Gibraltar Nominees Company Limited
238	<b>United States</b>	Barclays Global Fund Advisors
239	<b>Germany</b>	Barclays Global Investors (Deutschland) AG
240	<b>Switzerland</b>	Barclays Global Investors (Schweiz) AG
241	<b>Australia</b>	Barclays Global Investors Australia Holdings Pty Limited
242	<b>Australia</b>	Barclays Global Investors Australia Limited
243	<b>Australia</b>	Barclays Global Investors Australia Services Limited
244	<b>Canada</b>	Barclays Global Investors Canada Limited
245	<b>United Kingdom</b>	Barclays Global Investors Finance Limited
246	<b>United States</b>	Barclays Global Investors Fund Distribution Company
247	<b>United States</b>	Barclays Global Investors Growth Partners, Inc.
248	<b>Guernsey</b>	Barclays Global Investors Guernsey Limited
249	<b>Canada</b>	Barclays Global Investors Holdings Canada Limited
250	<b>Germany</b>	Barclays Global Investors Holdings Deutschland GmbH
251	<b>United States</b>	Barclays Global Investors International Inc.
252	<b>Ireland</b>	Barclays Global Investors Ireland Limited
253	<b>Japan</b>	Barclays Global Investors Japan Limited
254	<b>United Kingdom</b>	Barclays Global Investors Limited
255	<b>Hong Kong</b>	Barclays Global Investors North Asia Limited
256	<b>United Kingdom</b>	Barclays Global Investors Pensions Management Limited
257	<b>United States</b>	Barclays Global Investors Services
258	<b>Canada</b>	Barclays Global Investors Services Canada Limited
259	<b>United Kingdom</b>	Barclays Global Investors Services Limited
260	<b>Singapore</b>	Barclays Global Investors Southeast Asia Limited
261	<b>Singapore</b>	Barclays Global Investors Southeast Asia Services Pte.Ltd
262	<b>United Kingdom</b>	Barclays Global Investors UK Holdings Limited
263	<b>United States</b>	Barclays Global Investors USA Inc.



264	<b>United States</b>	Barclays Global Investors, National Association
265	<b>United Kingdom</b>	Barclays Group Holdings Limited
266	<b>Nigeria</b>	Barclays Group Representative Office (Nigeria) Limited
267	<b>United States</b>	Barclays Group US Inc.
268	<b>Isle of Man</b>	Barclays Holdings (Isle of Man) Limited
269	<b>India</b>	Barclays Holdings India Private Limited
270	<b>United Kingdom</b>	Barclays Homemove Limited
271	<b>United Kingdom</b>	Barclays Industrial Development Limited
272	<b>United Kingdom</b>	Barclays Industrial Investments Limited
273	<b>United Kingdom</b>	Barclays Industrial Leasing Limited
274	<b>Ireland</b>	Barclays Insurance (Dublin) Limited
275	<b>Guernsey</b>	Barclays Insurance Guernsey PCC Limited
276	<b>Botswana</b>	Barclays Insurance Services (Pty) Limited
277	<b>United Kingdom</b>	Barclays Insurance Services Company Limited
278	<b>Jersey</b>	Barclays International Fund Managers Limited
279	<b>Jersey</b>	Barclays International Funds Group Limited
280	<b>Malta</b>	Barclays International Investments (Malta) Limited
281	<b>Mauritius</b>	Barclays International Leasing Company Limited
282	<b>Isle of Man</b>	Barclays Investment Bonds (Isle of Man) Limited
283	<b>United States</b>	Barclays Investment Holdings Inc.
284	<b>United Kingdom</b>	Barclays Investment Management Limited
285	<b>India</b>	Barclays Investments & Loans (India) Limited
286	<b>Ireland</b>	Barclays Ireland Nominees Limited
287	<b>Cayman Islands</b>	Barclays Japan Limited
288	<b>United Kingdom</b>	Barclays Leasing (No. 3) Limited
289	<b>United Kingdom</b>	Barclays Leasing (No.12) Limited
290	<b>United Kingdom</b>	Barclays Leasing (No.18) Limited
291	<b>United Kingdom</b>	Barclays Leasing (No.21) Limited
292	<b>United Kingdom</b>	Barclays Leasing (No.24) Limited
293	<b>United Kingdom</b>	Barclays Leasing (No.6) Limited
294	<b>United Kingdom</b>	Barclays Leasing (No.9) Limited
295	<b>Mauritius</b>	Barclays Leasing Company Limited
296	<b>United Kingdom</b>	Barclays Long Island Limited
297	<b>Zambia</b>	Barclays Lusaka Nominees Limited
298	<b>Luxembourg</b>	Barclays Luxembourg Finance Holdings S.a.r.l.
299	<b>Luxembourg</b>	Barclays Luxembourg Finance S.a.r.l.
300	<b>Luxembourg</b>	Barclays Luxembourg Investments S.a.r.l.
301	<b>Luxembourg</b>	Barclays Luxembourg S.A.
302	<b>Ireland</b>	Barclays Management Services (Ireland) Limited
303	<b>United Kingdom</b>	Barclays Marlist Limited
304	<b>Mauritius</b>	Barclays Mauritius Overseas Holdings Limited
305	<b>Spain</b>	Barclays Mediador, Operador de Banca Seguros Vinculado, S.A.
306	<b>United Kingdom</b>	Barclays Mercantile Business Finance Limited
307	<b>United Kingdom</b>	Barclays Mercantile Highland Finance Limited

308	<b>United Kingdom</b>	Barclays Mercantile Limited
309	<b>Singapore</b>	Barclays Merchant Bank (Singapore) Ltd.
310	<b>Zimbabwe</b>	Barclays Merchant Bank of Zimbabwe Limited
311	<b>United Kingdom</b>	Barclays Metals Limited
312	<b>Zambia</b>	Barclays Microfinance Zambia Limited
313	<b>Cayman Islands</b>	Barclays Moselle No 1 Investments Limited
314	<b>Cayman Islands</b>	Barclays Moselle No 2 Investments Limited
315	<b>Cayman Islands</b>	Barclays Moselle No 3 Investments Limited
316	<b>United Kingdom</b>	Barclays Nominees (Aldermanbury) Limited
317	<b>United Kingdom</b>	Barclays Nominees (Branches) Limited
318	<b>United Kingdom</b>	Barclays Nominees (George Yard) Limited
319	<b>Guernsey</b>	Barclays Nominees (Guernsey) Limited
320	<b>Jersey</b>	Barclays Nominees (Jersey) Limited
321	<b>United Kingdom</b>	Barclays Nominees (K.W.S.) Limited
322	<b>Isle of Man</b>	Barclays Nominees (Manx) Limited
323	<b>United Kingdom</b>	Barclays Nominees (Monument) Limited
324	<b>United Kingdom</b>	Barclays Nominees (Provincial) Limited
325	<b>United Kingdom</b>	Barclays Nominees (United Nations For UNJSPF) Limited
326	<b>United Kingdom</b>	Barclays Overseas Pension Funds Trustees Limited (strike off requested 09/02/09)
327	<b>United States</b>	Barclays Oversight Management Inc.
328	<b>France</b>	Barclays Patrimoine S.C.S.
329	<b>United Kingdom</b>	Barclays Pension Funds Trustees Limited
330	<b>United Kingdom</b>	Barclays Physical Trading Limited
331	<b>Isle of Man</b>	Barclays Portfolio (I.O.M. GP) Limited
332	<b>Isle of Man</b>	Barclays Portfolio (IoM GP) No.2 Limited
333	<b>Portugal</b>	Barclays Prestacao de Servicos - ACE
334	<b>United Kingdom</b>	Barclays Private Bank
335	<b>Cayman Islands</b>	Barclays Private Bank & Trust (Cayman) Limited
336	<b>Isle of Man</b>	Barclays Private Bank & Trust (Isle of Man) Limited
337	<b>Jersey</b>	Barclays Private Bank & Trust Limited
338	<b>United Kingdom</b>	Barclays Private Banking Services Limited
339	<b>Gibraltar</b>	Barclays Private Clients International (Gibraltar) Limited
340	<b>Isle of Man</b>	Barclays Private Clients International Limited
341	<b>Switzerland</b>	Barclays Private Equity (Schweiz) AG
342	<b>France</b>	Barclays Private Equity France SAS
343	<b>Germany</b>	Barclays Private Equity Gmbh
344	<b>United Kingdom</b>	Barclays Private Equity Limited
345	<b>Italy</b>	Barclays Private Equity S.p.A.
346	<b>Germany</b>	Barclays Private Equity Verwaltungs GmbH
347	<b>United Kingdom</b>	Barclays Private Trust
348	<b>United Kingdom</b>	Barclays PVLP Partner Limited
349	<b>Ireland</b>	Barclays Reinsurance Dublin Limited
350	<b>Ireland</b>	Barclays Reinsurance Ireland (No.2) Limited
351	<b>United Kingdom</b>	Barclays SAMS Limited

352	<b>India</b>	Barclays Securities (India) Private Limited
353	<b>Kenya</b>	Barclays Securities Services (Kenya) Ltd
354	<b>Ireland</b>	Barclays Services (Dublin) Limited
355	<b>United Kingdom</b>	Barclays Services (Japan) Limited
356	<b>United States</b>	Barclays Services Corporation
357	<b>Jersey</b>	Barclays Services Jersey Limited
358	<b>United States</b>	Barclays Services LLC
359	<b>India</b>	Barclays Shared Services Private Limited
360	<b>United Kingdom</b>	Barclays Sharedealing
361	<b>United Kingdom</b>	Barclays Special Partner Limited
362	<b>United Kingdom</b>	Barclays Stockbrokers (Holdings) Limited
363	<b>United Kingdom</b>	Barclays Stockbrokers (Nominees) Limited
364	<b>United Kingdom</b>	Barclays Stockbrokers Limited
365	<b>Cayman Islands</b>	Barclays Structured Principal Investing GP
366	<b>United States</b>	Barclays Structured Principal Investing LLC
367	<b>China</b>	Barclays Technology Centre (Shanghai) Company Limited
368	<b>India</b>	Barclays Technology Centre India Private Limited
369	<b>United Kingdom</b>	Barclays Technology Centre Singapore Limited
370	<b>Luxembourg</b>	Barclays Themis Investments S.a.r.l.
371	<b>Uganda</b>	Barclays Uganda (Nominees) Limited
372	<b>United Kingdom</b>	Barclays Unquoted Investments Limited
373	<b>United Kingdom</b>	Barclays Unquoted Property Investments Limited
374	<b>United States</b>	Barclays US Funding LLC
375	<b>United Kingdom</b>	Barclays Venture Nominees Limited
376	<b>Spain</b>	Barclays Vida y Pensiones Compania de Seguros, SA
377	<b>France</b>	Barclays Vie SA
378	<b>Jersey</b>	Barclays Wealth Advisory Investment Consultants Limited
379	<b>Monaco</b>	Barclays Wealth Asset Management (Monaco) S.A.M
380	<b>Guernsey</b>	Barclays Wealth Corporate Officers (Guernsey) Limited
381	<b>Isle of Man</b>	Barclays Wealth Corporate Officers (Isle of Man) Limited
382	<b>Jersey</b>	Barclays Wealth Corporate Officers (Jersey) Limited
383	<b>Guernsey</b>	Barclays Wealth Corporate Services (Guernsey) Limited
384	<b>Guernsey</b>	Barclays Wealth Directors (Guernsey) Limited
385	<b>Hong Kong</b>	Barclays Wealth Directors (Hong Kong) Limited
386	<b>Isle of Man</b>	Barclays Wealth Directors (Isle of Man) Limited
387	<b>Jersey</b>	Barclays Wealth Directors (Jersey) Limited
388	<b>Guernsey</b>	Barclays Wealth Fund Managers (Guernsey) Limited
389	<b>Isle of Man</b>	Barclays Wealth Fund Managers (Isle of Man) Limited
390	<b>Jersey</b>	Barclays Wealth Fund Managers (Jersey) Limited
391	<b>Jersey</b>	Barclays Wealth Management Jersey Limited
392	<b>Spain</b>	Barclays Wealth Managers España, SGIIC, S.A.
393	<b>France</b>	Barclays Wealth Managers France SA
394	<b>Portugal</b>	Barclays Wealth Managers Portugal - SGFIM, S.A.
395	<b>Guernsey</b>	Barclays Wealth Nominees (Guernsey) Limited

396	<b>Hong Kong</b>	Barclays Wealth Nominees (Hong Kong) Limited
397	<b>Guernsey</b>	Barclays Wealth PCC (No.1) Limited
398	<b>Hong Kong</b>	Barclays Wealth Secretaries (Hong Kong) Limited
399	<b>Guernsey</b>	Barclays Wealth Trustees (Guernsey) Limited
400	<b>Hong Kong</b>	Barclays Wealth Trustees (Hong Kong) Limited
401	<b>Isle of Man</b>	Barclays Wealth Trustees (Isle of Man) Limited
402	<b>Jersey</b>	Barclays Wealth Trustees (Jersey) Limited
403	<b>Zimbabwe</b>	Barclays Zimbabwe Nominees (Pvt) Limited
404	<b>United States</b>	BarclaysAmerican/Mortgage Corporation
405	<b>United Kingdom</b>	Barclayshare Nominees Limited
406	<b>Isle of Man</b>	Barclaytrust (Nominees) Isle of Man Limited
407	<b>Switzerland</b>	Barclaytrust (Suisse) SA
408	<b>Jersey</b>	Barclaytrust Channel Islands Limited
409	<b>Jersey</b>	Barclaytrust International (Jersey) Limited
410	<b>Gibraltar</b>	Barclaytrust International Nominees (Gibraltar) Limited
411	<b>Isle of Man</b>	Barclaytrust International Nominees (Isle of Man) Limited
412	<b>Jersey</b>	Barclaytrust Jersey Limited
413	<b>United Kingdom</b>	Barcosec Limited
414	<b>United Kingdom</b>	Barley Investments Limited
415	<b>United Kingdom</b>	Barmac (Construction) Limited
416	<b>United Kingdom</b>	Barometers Limited
417	<b>United States</b>	Baroreo Lloyd Corp.
418	<b>Australia</b>	Barrep Pty Limited
419	<b>United Kingdom</b>	Barsec Nominees Limited
420	<b>South Africa</b>	Bausprops Invesments (Proprietary) Limited
421	<b>Bahamas</b>	BBSA (Bahamas) Limited
422	<b>Brazil</b>	BBSA Servicos e Participacoes Limitada
423	<b>United Kingdom</b>	BBUK Structured Principal Investments Limited
424	<b>United States</b>	BCAP LLC
425	<b>Romania</b>	BCI Capital SrL
426	<b>United States</b>	BCREO I LLC
427	<b>Jersey</b>	Becrux Limited Partnership
428	<b>United Kingdom</b>	BEIF Management Limited
429	<b>Belgium</b>	Belgian Turbine Lease Corporation NV
430	<b>Netherlands</b>	Belisama Investments B.V.
431	<b>South Africa</b>	Bendor Properties Limited
432	<b>South Africa</b>	Berlei Properties (Proprietary) Limited
433	<b>South Africa</b>	Berlitas Corporate Finance Limited
434	<b>South Africa</b>	Berlitas Installment Finance (Proprietary) Limited
435	<b>South Africa</b>	Berlitas Leasing (Proprietary) Limited
436	<b>United Kingdom</b>	Bevan Nominees Limited
437	<b>South Africa</b>	Beverley Heights Holdings (Proprietary) Limited
438	<b>Cayman Islands</b>	Bigorre UK Investments Limited
439	<b>United States</b>	BIH ASN LLC

440	<b>United Kingdom</b>	BIIF GP Limited
441	<b>South Africa</b>	Biprops 36 (Proprietary) Limited
442	<b>South Africa</b>	Biprops 39 (Proprietary) Limited
443	<b>South Africa</b>	Biprops 44 (Proprietary) Limited
444	<b>Cayman Islands</b>	Bixbite Investments LP
445	<b>United Kingdom</b>	BLAF (No. 10) Limited
446	<b>United Kingdom</b>	BLAF (No. 2) Limited
447	<b>United Kingdom</b>	BLAF (No. 9) Limited
448	<b>Cayman Islands</b>	Blaytell Limited
449	<b>Netherlands</b>	Bletchley Investments B.V.
450	<b>United Kingdom</b>	Blossom Finance Limited Partnership
451	<b>United Kingdom</b>	BMBF (Bluewater Investments) Limited
452	<b>United Kingdom</b>	BMBF (No.12) Limited
453	<b>United Kingdom</b>	BMBF (No.15) Limited
454	<b>United Kingdom</b>	BMBF (No.18) Limited
455	<b>United Kingdom</b>	BMBF (No.21) Limited
456	<b>United Kingdom</b>	BMBF (No.24) Limited
457	<b>United Kingdom</b>	BMBF (No.3) Limited
458	<b>United Kingdom</b>	BMBF (No.6) Limited
459	<b>United Kingdom</b>	BMBF (No.9) Limited
460	<b>United Kingdom</b>	BMBF USD NO 1 Limited
461	<b>United Kingdom</b>	BMI (No.3) Limited
462	<b>United Kingdom</b>	BMI (No.6) Limited
463	<b>United Kingdom</b>	BMI (No.9) Limited
464	<b>United Kingdom</b>	BMI (NO18) Limited
465	<b>Liberia</b>	BMI (Shipping) Limited
466	<b>United Kingdom</b>	BMI Marine Limited
467	<b>South Africa</b>	Board of Realtors Limited
468	<b>Cayman Islands</b>	Boedromia Investments Limited
469	<b>United Kingdom</b>	Borindale Investments Limited
470	<b>Cayman Islands</b>	Bors Investments Limited
471	<b>United Kingdom</b>	Boudeuse Limited
472	<b>Switzerland</b>	BPB Holdings S.A.
473	<b>Liechtenstein</b>	BPB Trust AG
474	<b>United Kingdom</b>	BPE European Partner III LP
475	<b>United Kingdom</b>	BPE General Partner II Limited
476	<b>United Kingdom</b>	BPE General Partner Limited
477	<b>South Africa</b>	Bracken Heights Township (Proprietary) Limited
478	<b>Zimbabwe</b>	BRAINS Computer Processing (Pvt) Limited
479	<b>Cayman Islands</b>	Bramley Landing Limited
480	<b>Zimbabwe</b>	Branchcall Computers (Pvt) Limited
481	<b>Isle of Man</b>	Brank (IOM) Limited
482	<b>Cayman Islands</b>	Braven Investments No.1 Limited
483	<b>United Kingdom</b>	Braven Investments No.2 Limited

484	<b>Jersey</b>	Brise de Mer Apartments Limited
485	<b>Cayman Islands</b>	Bronco (Barclays Cayman) Limited
486	<b>Cayman Islands</b>	Brule 1 Investments Limited
487	<b>Cayman Islands</b>	Brule 2 Investments Limited
488	<b>United Kingdom</b>	Buculus Investments Limited Partnership
489	<b>South Africa</b>	Burg-Genomineerdes (Eiendoms) Beperk
490	<b>Cayman Islands</b>	Calah Investments Limited
491	<b>Cayman Islands</b>	Calthorpe Investments Limited
492	<b>Cayman Islands</b>	Campobasso Investments Limited
493	<b>United Kingdom</b>	Capel Cure Sharp Limited
494	<b>South Africa</b>	Capital Property Fund Nominees (Proprietary) Limited
495	<b>Cayman Islands</b>	Caption Investments Limited
496	<b>United Kingdom</b>	Carhampton Investments Limited
497	<b>United Kingdom</b>	Carnegie Holdings Limited
498	<b>Cayman Islands</b>	Carneia Investments Limited
499	<b>Cayman Islands</b>	Cecrux Investments Limited
500	<b>South Africa</b>	Cedar Lakes Country Estates (Proprietary) Limited
501	<b>Cayman Islands</b>	Cedron Investments Limited
502	<b>Cayman Islands</b>	Celaeno Investments Limited
503	<b>Ireland</b>	Celsius Funds II PLC
504	<b>Ireland</b>	Celsius Funds III PLC
505	<b>Ireland</b>	Celsius Funds PLC
506	<b>Malta</b>	Celsius Global Funds SICAV plc
507	<b>Luxembourg</b>	Celsius Investment Funds SICAV
508	<b>Australia</b>	Celsius Investments Australia Limited
509	<b>Luxembourg</b>	Celsius Managed Funds SICAV
510	<b>South Africa</b>	Centrecity Fund Nominees (Proprietary) Limited
511	<b>United Kingdom</b>	Chinnock Capital Limited
512	<b>Cayman Islands</b>	Cisleu Investments Limited
513	<b>United Kingdom</b>	Claas Finance Limited
514	<b>Cayman Islands</b>	Claudas Investments Limited
515	<b>United Kingdom</b>	Claudas Investments Limited Partnership
516	<b>Luxembourg</b>	Claudas Investments S.a.r.l.
517	<b>Cayman Islands</b>	Claudas Investments Two Limited
518	<b>United Kingdom</b>	Clearlybusiness.com Limited
519	<b>United Kingdom</b>	Clink Street Nominees Limited
520	<b>United Kingdom</b>	Clydesdale Financial Services Limited
521	<b>South Africa</b>	CMB Nominees (Proprietary) Limited
522	<b>United Kingdom</b>	Cobalt Investments Limited
523	<b>Cayman Islands</b>	Cohort Investments Limited
524	<b>Cayman Islands</b>	Collo Investments Limited
525	<b>Cayman Islands</b>	Colombiere Investments Limited
526	<b>South Africa</b>	Combined Mortgage Nominees (Proprietary) Limited
527	<b>Cayman Islands</b>	Commodities Principal Investments 106 Limited

528	<b>South Africa</b>	Compro Holdings (Proprietary) Limited
529	<b>Virgin Islands, British</b>	Conbros Limited
530	<b>United Kingdom</b>	Condor No.1 Limited Partnership
531	<b>United Kingdom</b>	Condor No.2 Limited Partnership
532	<b>Virgin Islands, British</b>	Condor Nominees Limited
533	<b>Cayman Islands</b>	Coniah Investments Limited
534	<b>Cayman Islands</b>	Core Investments (Cayman) Limited
535	<b>South Africa</b>	Corpinvest 16 (Proprietary) Limited
536	<b>South Africa</b>	Corpinvest 2 (Proprietary) Limited
537	<b>South Africa</b>	Corpinvest 32 (Proprietary) Limited
538	<b>South Africa</b>	Corpinvest 33 (Proprietary) Limited
539	<b>United Kingdom</b>	Corrida Investments Limited
540	<b>Cayman Islands</b>	Coskwo Limited
541	<b>United States</b>	CPIA Acquisition No.1 LLC
542	<b>United States</b>	CPIA Acquisition No.2 LLC
543	<b>Canada</b>	CPIA Canada Holdings
544	<b>United Kingdom</b>	CPIA England 2008 Limited Partnership
545	<b>United Kingdom</b>	CPIA England No.2 Limited Partnership
546	<b>United States</b>	CPIA Equity No. 1 Inc.
547	<b>United States</b>	CPIA Finance No.1, LLC
548	<b>United States</b>	CPIA Holdings No.1, LLC
549	<b>Cayman Islands</b>	CPIA Investments No.1 Limited
550	<b>Cayman Islands</b>	CPIA Investments No.2 Limited
551	<b>Cayman Islands</b>	CPIA Investments No.3 Limited
552	<b>United Kingdom</b>	CPIA Investments No.5 Limited
553	<b>Virgin Islands, British</b>	Crescendo Investment Holdings Limited
554	<b>Isle of Man</b>	Croddan (IoM) Limited
555	<b>Bermuda</b>	Cross Bay Capital Re Limited
556	<b>Cayman Islands</b>	Cureton Investments No. 1 Limited
557	<b>Cayman Islands</b>	Cureton Investments No. 2 Limited
558	<b>Cayman Islands</b>	Cuth Investments Limited
559	<b>Cayman Islands</b>	Cynric Investments Limited
560	<b>United Kingdom</b>	D C & O Investments Limited
561	<b>Cayman Islands</b>	Dagonet Investments Limited
562	<b>United States</b>	Dante Investments LLC
563	<b>Netherlands</b>	Darnay B.V.
564	<b>Cayman Islands</b>	Darnay Nouveau Investments Limited
565	<b>Cayman Islands</b>	Dashi Investments Limited
566	<b>South Africa</b>	Declord Investments (Proprietary) Limited
567	<b>Cayman Islands</b>	Delia Investments Limited
568	<b>Cayman Islands</b>	Demeter (Cayman) Limited
569	<b>United Kingdom</b>	Denham Investments Limited
570	<b>France</b>	Denival SA
571	<b>South Africa</b>	Diluculo Property Trading (Proprietary) Limited

572	<b>Cayman Islands</b>	Dion Investments No.1 Limited
573	<b>United Kingdom</b>	DMW Realty Limited
574	<b>South Africa</b>	Draaikloof Properties (Proprietary) Limited
575	<b>Cayman Islands</b>	Draco Investments (London) Limited
576	<b>South Africa</b>	Durbfin Financing (Proprietary) Limited
577	<b>United Kingdom</b>	Durlacher Nominees Limited
578	<b>South Africa</b>	Duro Financing (Proprietary) Limited
579	<b>South Africa</b>	Durovest 12 (Proprietary) Limited
580	<b>South Africa</b>	Durovest 9 (Proprietary) Limited
581	<b>South Africa</b>	E McDonald and Co Limited
582	<b>Cayman Islands</b>	Eagle Financial & Leasing Services Limited
583	<b>United Kingdom</b>	Eagle Financial and Leasing Services (UK) Limited
584	<b>Cayman Islands</b>	Eagle Holdings Ltd
585	<b>Cayman Islands</b>	Eagle Management Services Limited
586	<b>South Africa</b>	East Griqualand Holdings (Proprietary) Limited
587	<b>United Kingdom</b>	East Port Investments Limited
588	<b>United Kingdom</b>	Ebbgate Holdings Limited
589	<b>United Kingdom</b>	Ebbgate Investments Limited
590	<b>United States</b>	EFC Holdings Corporation
591	<b>United Kingdom</b>	Eldfell Investments Limited
592	<b>Cayman Islands</b>	Eleanor Investments Limited
593	<b>United Kingdom</b>	Electric Investments Limited
594	<b>United Kingdom</b>	EM Investments (Brazil) No.2 Limited
595	<b>United Kingdom</b>	EM Investments (South Africa) Limited
596	<b>United Kingdom</b>	EM Investments (South Africa) No. 2 Limited
597	<b>United Kingdom</b>	EM Investments (Switzerland) Limited
598	<b>United Kingdom</b>	EM Investments No.1 Limited
599	<b>United Kingdom</b>	EM Investments No.2 Limited
600	<b>United Kingdom</b>	EM Investments No.3 Limited
601	<b>United Kingdom</b>	Embley Investments Funds
602	<b>United Kingdom</b>	Emily Finance Limited Partnership
603	<b>Isle of Man</b>	Enz Investments Limited
604	<b>United States</b>	Equipfirst Corporation
605	<b>United States</b>	Equipfirst Mortgage Corporation of Minnesota
606	<b>South Africa</b>	Erfrac 16 (Proprietary) Limited
607	<b>South Africa</b>	Erfrac 4 (Proprietary) Limited
608	<b>South Africa</b>	Erfrac 6 (Proprietary) Limited
609	<b>South Africa</b>	Erven 473-476 Isando Share Block Company (Proprietary) Limited
610	<b>United Kingdom</b>	Exshelfco (DZBC)
611	<b>United Kingdom</b>	Fair and Square Limited
612	<b>Cayman Islands</b>	Farline Investments Limited
613	<b>South Africa</b>	Fasdirect Investments (Proprietary) Limited
614	<b>Cayman Islands</b>	Fembos Investments Limited
615	<b>South Africa</b>	Fenton Bay Nominees (Proprietary) Limited



616	<b>Cayman Islands</b>	Feste Investments Limited
617	<b>United Kingdom</b>	Figurefile Limited
618	<b>South Africa</b>	Finanz Link (Proprietary) Limited
619	<b>Zimbabwe</b>	Fincor Finance Corporation Limited
620	<b>United Kingdom</b>	Finpart Nominees Limited
621	<b>Cayman Islands</b>	Finton Investments Limited
622	<b>United Kingdom</b>	FIRSTPLUS Financial Group PLC
623	<b>United Kingdom</b>	Fitzroy Finance Limited
624	<b>Cayman Islands</b>	Foksani Investments Limited
625	<b>United Kingdom</b>	Foltus Investments Limited
626	<b>United Kingdom</b>	Forest Road Investments Limited
627	<b>Cayman Islands</b>	Forseti Investments Limited
628	<b>South Africa</b>	Four Amberfair (Proprietary) Limited
629	<b>South Africa</b>	Fradey Nominees (Proprietary) Limited
630	<b>United Kingdom</b>	Frobisher Funding Limited
631	<b>Cayman Islands</b>	Furbridge Investments Limited
632	<b>Cayman Islands</b>	Galibier Investments Limited
633	<b>Cayman Islands</b>	Gallen Investments Limited
634	<b>Cayman Islands</b>	Gallo Investments Limited
635	<b>Cayman Islands</b>	Gawain Investments Limited
636	<b>United Kingdom</b>	Gerrard (OMH) Limited
637	<b>United Kingdom</b>	Gerrard Financial Planning Limited
638	<b>United Kingdom</b>	Gerrard Investment Management Limited
639	<b>United Kingdom</b>	Gerrard Management Services Limited
640	<b>United Kingdom</b>	Gerrard Nominees Limited
641	<b>United Kingdom</b>	Globe Nominees Limited
642	<b>United Kingdom</b>	GM Computers Limited
643	<b>Cayman Islands</b>	Godler Limited
644	<b>Brazil</b>	Golden Companhia Securitizadora de Creditos Financeiros
645	<b>Cayman Islands</b>	Golden Eagle Holdings Ltd
646	<b>United Kingdom</b>	Goldfish Card Services Limited
647	<b>United States</b>	Goldfish Credit Enhancing Inc.
648	<b>United States</b>	Goldfish Credit Servicing Inc.
649	<b>United States</b>	Goldfish Procurement Inc.
650	<b>United Kingdom</b>	Goldfish Receivables Limited
651	<b>South Africa</b>	Goldreef Village Share Block Limited
652	<b>Netherlands</b>	Gordon Holdings (Netherlands) B.V.
653	<b>United Kingdom</b>	Gorton Nominees Limited
654	<b>United States</b>	Gracechurch Services Corporation
655	<b>Jersey</b>	Greenwood & Associates Limited
656	<b>United Kingdom</b>	Greig Middleton Holdings Limited
657	<b>United Kingdom</b>	Greig Middleton Nominees Limited
658	<b>Luxembourg</b>	Grenache
659	<b>United Kingdom</b>	Grenville Funding Limited

660	<b>Cayman Islands</b>	Grey Lynn Investments Limited
661	<b>South Africa</b>	Grosvenor Car Hire (Proprietary) Limited
662	<b>United States</b>	GRU Power Inc.
663	<b>Mexico</b>	Grupo Financiero Barclays Mexico, S.A. de C.V.
664	<b>Cayman Islands</b>	Grus Investments Limited
665	<b>South Africa</b>	Guaret Investments No 1 (Proprietary) Limited
666	<b>South Africa</b>	Gura Investments (Proprietary) Limited
667	<b>South Africa</b>	Hallong Investment Co (Proprietary) Limited
668	<b>Cayman Islands</b>	Hamar Investments Limited
669	<b>Cayman Islands</b>	Harflane Limited
670	<b>Cayman Islands</b>	Hauteville Investments Limited
671	<b>United Kingdom</b>	Hawkins Funding Limited
672	<b>Cayman Islands</b>	Heliodor Investments Limited
673	<b>South Africa</b>	Hendler and Hendler (Proprietary) Limited
674	<b>Cayman Islands</b>	Hentock Limited
675	<b>United Kingdom</b>	Heraldglen Limited
676	<b>Ireland</b>	Highland Finance Ireland Limited
677	<b>United Kingdom</b>	Hoardburst Limited
678	<b>Cayman Islands</b>	Hollygrice Limited
679	<b>Cayman Islands</b>	Hupa Investments Limited
680	<b>Cayman Islands</b>	Hurley Investments No.1 Limited
681	<b>Cayman Islands</b>	Hurley Investments No.2 Limited
682	<b>Cayman Islands</b>	Hurley Investments No.3 Limited
683	<b>Cayman Islands</b>	HYMF (Cayman) Limited
684	<b>United States</b>	HYMF, Inc.
685	<b>Spain</b>	Iberalbion A.I.E.
686	<b>Isle of Man</b>	Imac Limited
687	<b>Mexico</b>	Impulsora y Promotora BGI Mexico, S.A. de C.V.
688	<b>South Africa</b>	Industrial Confirming (Proprietary) Limited
689	<b>Spain</b>	Inmuebles y Servicios Barclays SA
690	<b>United Kingdom</b>	Investors In Infrastructure Limited
691	<b>South Africa</b>	IPF Nominees (Proprietary) Limited
692	<b>Cayman Islands</b>	Iris Investments 1 Limited
693	<b>United States</b>	Iris Investments 2 LLC
694	<b>Cayman Islands</b>	Iris Investments 3 Limited
695	<b>Cayman Islands</b>	Iris Investments 4 Limited
696	<b>Spain</b>	ISB CANARIAS SA
697	<b>Cayman Islands</b>	Iseran Investments Limited
698	<b>Isle of Man</b>	Island Nominees Limited
699	<b>United Kingdom</b>	Iveco Capital Limited
700	<b>Switzerland</b>	Iveco Finance AG
701	<b>Germany</b>	Iveco Finance GmbH
702	<b>United Kingdom</b>	Iveco Finance Holdings Limited
703	<b>Italy</b>	Iveco Finanziaria S.p.A.

704	<b>Cayman Islands</b>	Izoard Investments Limited
705	<b>United Kingdom</b>	J.V. Estates Limited
706	<b>South Africa</b>	Jeffrey's Bay Property Holdings (Proprietary) Limited
707	<b>Cayman Islands</b>	Jols Investments Limited
708	<b>Cayman Islands</b>	JV Assets Limited
709	<b>Zambia</b>	Kafue House Limited
710	<b>South Africa</b>	Kangrove (Proprietary) Limited
711	<b>Jersey</b>	Karami Holdings Limited
712	<b>United Kingdom</b>	Keepier Investments
713	<b>South Africa</b>	Kempton Park Industrial Holdings (Proprietary) Limited
714	<b>United Kingdom</b>	Kirsche Investments Limited
715	<b>South Africa</b>	Kolektor (Proprietary) Limited
716	<b>South Africa</b>	Kolektor Properties (Proprietary) Limited
717	<b>Cayman Islands</b>	Lakeville Fund Limited
718	<b>South Africa</b>	Lantern Financial Services (Proprietary) Limited
719	<b>Cayman Islands</b>	Larrau Investments Limited
720	<b>Cayman Islands</b>	Larrau Nouveau Investments Limited
721	<b>South Africa</b>	Leecon Building Enterprises (Proprietary) Limited
722	<b>United Kingdom</b>	Legatus Investments Limited
723	<b>South Africa</b>	Lekkerleef (Eiendoms) Beperk
724	<b>Luxembourg</b>	Leto Investments S.a.r.l.
725	<b>South Africa</b>	Libertas Administration And Management (Proprietary) Limited
726	<b>South Africa</b>	Libertas Consolidated Holdings (Proprietary) Limited
727	<b>South Africa</b>	Libertas Corporate Finance Limited
728	<b>South Africa</b>	Libertas Finansiële Beleggings (Eiendoms) Beperk
729	<b>South Africa</b>	Libertas Installment Finance (Proprietary) Limited
730	<b>South Africa</b>	Libertas Leasing (Proprietary) Limited
731	<b>South Africa</b>	Libertas Managed Finance Limited
732	<b>South Africa</b>	Libertas Vehicle Finance (Proprietary) Limited
733	<b>South Africa</b>	Lichtenburg Leasing (Proprietary) Limited
734	<b>United Kingdom</b>	Limebank Property Company Limited
735	<b>Russia</b>	Limited Liability Company "Barclays Capital"
736	<b>United Kingdom</b>	Lindley Developments Limited
737	<b>Guernsey</b>	Lindmar Trust Company Limited
738	<b>South Africa</b>	Lodel (Proprietary) Limited
739	<b>United Kingdom</b>	Lombard Street Nominees Limited
740	<b>United States</b>	Long Island Holding A LLC
741	<b>United States</b>	Long Island Holding B LLC
742	<b>United States</b>	Long Island Holding C LLC
743	<b>Cayman Islands</b>	Long Island International Limited
744	<b>Jersey</b>	Long Island Investments Jersey No. 1 Limited
745	<b>Cayman Islands</b>	Loxley Investments Limited
746	<b>United Kingdom</b>	Luscinia Investments Funds
747	<b>United Kingdom</b>	Maloney Investments Limited

748	<b>United Kingdom</b>	Mantilla Investments Limited
749	<b>South Africa</b>	Marmanet Retirement Village (Proprietary) Limited
750	<b>South Africa</b>	Marriott Property Fund Nominees (Proprietary) Limited
751	<b>United Kingdom</b>	Martins Investments Limited
752	<b>United Kingdom</b>	MCC Leasing (No 15) Limited
753	<b>United Kingdom</b>	MCC Leasing (No. 3) Limited
754	<b>United Kingdom</b>	MCC Leasing (No. 6) Limited
755	<b>United Kingdom</b>	MCC Leasing (No.24) Limited
756	<b>Cayman Islands</b>	Meadowbank Investments Limited
757	<b>South Africa</b>	Mediboost (Proprietary) Limited
758	<b>South Africa</b>	Meeg Asset Finance (Proprietary) Limited
759	<b>South Africa</b>	Meeg Bank Limited
760	<b>South Africa</b>	Megsa (Proprietary) Limited
761	<b>United Kingdom</b>	Menlo Investments Limited
762	<b>South Africa</b>	Merca Nominees (Proprietary) Limited
763	<b>United Kingdom</b>	Mercantile Credit Company Limited
764	<b>United Kingdom</b>	Mercantile Industrial Leasing Limited
765	<b>United Kingdom</b>	Mercantile Leasing Company (No.132) Limited
766	<b>United Kingdom</b>	Mercantile Leasing Company (No.144) Limited
767	<b>United Kingdom</b>	Mercers Debt Collections Limited
768	<b>South Africa</b>	Mercimpex (Proprietary) Limited
769	<b>South Africa</b>	Merfin (Proprietary) Limited
770	<b>Philippines</b>	Meridian (SPV-AMC) Corporation
771	<b>South Africa</b>	Merque Financial Services (Proprietary) Limited
772	<b>Luxembourg</b>	Metis Investments S.a.r.l.
773	<b>Cayman Islands</b>	Midgard Investments Limited
774	<b>South Africa</b>	Millcor (Proprietary) Limited
775	<b>Cayman Islands</b>	Mintaka Investments No. 1 Limited
776	<b>Cayman Islands</b>	Mintaka Investments No. 3 Limited
777	<b>Cayman Islands</b>	Mintaka Investments No. 4 Limited
778	<b>South Africa</b>	Mioblore (Proprietary) Limited
779	<b>Cayman Islands</b>	Moldavite Investments LP
780	<b>South Africa</b>	Monkor Trust (Beleggingskorporasie) (Proprietary) Limited
781	<b>South Africa</b>	Mortlink (Proprietary) Limited
782	<b>Cayman Islands</b>	Moselle Nouveau Investments Limited
783	<b>United Kingdom</b>	Muleta Investments Limited
784	<b>United Kingdom</b>	Murray House Investment Management Limited
785	<b>United Kingdom</b>	Murray House Investments Limited
786	<b>United Kingdom</b>	Myers Grove Investments Limited
787	<b>Cayman Islands</b>	Nanna Investments Limited
788	<b>Tanzania, United Republic of</b>	National Bank of Commerce (1997) Limited (Tanzania)
789	<b>South Africa</b>	National Recreation Company Of South Africa (Proprietary) Limited
790	<b>Spain</b>	Naviera Arrecife Acrupacion de Interes Economico
791	<b>Spain</b>	Naviera del Hierro Agrupacion de Interes Economico

792	<b>United Kingdom</b>	Naxos Investments Limited
793	<b>South Africa</b>	NBL Financing (Proprietary) Limited
794	<b>Cayman Islands</b>	Nela Investments Limited
795	<b>United Kingdom</b>	New Holland Finance Limited
796	<b>Uganda</b>	Nile Bank Limited
797	<b>South Africa</b>	Noble Cellular Investments (Proprietary) Limited
798	<b>South Africa</b>	Noble Trading (Proprietary) Limited
799	<b>United Kingdom</b>	North Colonnade Investments Limited
800	<b>United Kingdom</b>	Northern Trust Fiduciary Services (UK) Limited
801	<b>United Kingdom</b>	Northwharf Investments Limited
802	<b>United Kingdom</b>	Oak Dedicated Limited
803	<b>United Kingdom</b>	Oak Dedicated Three Limited
804	<b>United Kingdom</b>	Oak Dedicated Two Limited
805	<b>Cayman Islands</b>	Oberon Investments Limited
806	<b>United Kingdom</b>	Odysseus (Martins) Investments Limited
807	<b>Cayman Islands</b>	Oil and Gas Production Luxembourg Limited
808	<b>South Africa</b>	Olieven Properties (Proprietary) Limited
809	<b>Cayman Islands</b>	Olney Holdings Limited
810	<b>United States</b>	Ostia Funding No.1 LLC
811	<b>United States</b>	Ostia Funding No.2 LLC
812	<b>Cayman Islands</b>	Otago Investments No.1 Limited
813	<b>Cayman Islands</b>	Otago Investments No.2 Limited
814	<b>South Africa</b>	Ottawa Development Trust (Proprietary) Limited
815	<b>South Africa</b>	Ou Skip Beleggings (Proprietary) Limited
816	<b>South Africa</b>	Palmietfontein Investments (Proprietary) Limited
817	<b>Cayman Islands</b>	Palomino Limited
818	<b>Cayman Islands</b>	Parnell Investment Holdings Limited
819	<b>Cayman Islands</b>	Patria Investments No.1 Limited
820	<b>United Kingdom</b>	Patria Investments No.2 Limited
821	<b>Cayman Islands</b>	Pelleas Investments Limited
822	<b>United Kingdom</b>	Pelleas Investments Limited Partnership
823	<b>Luxembourg</b>	Pelleas Investments S.a.r.l.
824	<b>Cayman Islands</b>	Pelleas Investments Two Limited
825	<b>United Kingdom</b>	Pendle Shipping Limited
826	<b>Bahamas</b>	Perpetual Nominees SA
827	<b>Cayman Islands</b>	Peyresourde Investments Limited
828	<b>United Kingdom</b>	PIA England 2008 Limited Partnership
829	<b>United Kingdom</b>	PIA England No.1 Limited Partnership
830	<b>United Kingdom</b>	PIA England No.2 Limited Partnership
831	<b>Cayman Islands</b>	PIA Investments No. 2 Limited
832	<b>Cayman Islands</b>	PIA Investments No.1 Limited
833	<b>South Africa</b>	Pienaar, Gräbe En Kie (Eiendoms) Beperk
834	<b>Cayman Islands</b>	Pilkbull Limited
835	<b>Cayman Islands</b>	Pippin Island Investments Limited

836	<b>United Kingdom</b>	Pisces Nominees Limited
837	<b>South Africa</b>	Planelands (Proprietary) Limited
838	<b>United Kingdom</b>	Plumblin Properties Limited
839	<b>Cayman Islands</b>	Praloup Investments Limited
840	<b>South Africa</b>	Privassured Pension Fund Administrators (Proprietary) Limited
841	<b>South Africa</b>	Pro-Ren Properties (Proprietary) Limited
842	<b>Indonesia</b>	PT Bank Akita
843	<b>Indonesia</b>	PT Barclays Capital Securities Indonesia
844	<b>Indonesia</b>	PT Bhandra Buana Persada
845	<b>Cayman Islands</b>	Puydedome Investments Limited
846	<b>Cayman Islands</b>	Pyrus Investments Limited
847	<b>Cayman Islands</b>	Pythia Investments Limited
848	<b>United States</b>	Quintus Funding LLC
849	<b>United Kingdom</b>	R.C. Greig Nominees Limited
850	<b>Cayman Islands</b>	Raglan Investments Limited
851	<b>South Africa</b>	Real Estate Multi Listing Services S A Limited
852	<b>United Kingdom</b>	Reflex Nominees Limited
853	<b>Cayman Islands</b>	Reynolds Funding 2 Limited
854	<b>South Africa</b>	Richrau No 248 (Proprietary) Limited
855	<b>South Africa</b>	Roadhouse Holdings (Proprietary) Limited
856	<b>United Kingdom</b>	Robinson Finance Limited Partnership
857	<b>South Africa</b>	Rogoff Rand Investments Limited
858	<b>South Africa</b>	Rogoff Springs (Proprietary) Limited
859	<b>Netherlands</b>	Romintco Investments B.V.
860	<b>South Africa</b>	Ronclare (Proprietary) Limited
861	<b>South Africa</b>	Roodekop Townships (Proprietary) Limited
862	<b>United Kingdom</b>	Ruthenium Investments Limited
863	<b>Spain</b>	Ruval SA
864	<b>United States</b>	SABRPN LLC
865	<b>South Africa</b>	Salmack Road Properties (Proprietary) Limited
866	<b>Cayman Islands</b>	San Luca Investments Limited
867	<b>Liberia</b>	Sandringham Limited
868	<b>South Africa</b>	Sandygray Construction Holdings (Proprietary) Limited
869	<b>South Africa</b>	Saslink Leasing (Proprietary) Limited
870	<b>United Kingdom</b>	SCM PIA Scotland GP Limited
871	<b>South Africa</b>	Scorpion Share Block (Proprietary) Limited
872	<b>United Kingdom</b>	Scotlife Home Loans (No.3) Limited
873	<b>United States</b>	Securitized Asset Backed Receivables LLC
874	<b>Mexico</b>	Servicios Barclays, S.A. de C.V.
875	<b>United Kingdom</b>	Sharelink Nominees Limited
876	<b>South Africa</b>	Sharon Village (Proprietary) Limited
877	<b>United Kingdom</b>	Shooters Grove Holdings Limited
878	<b>South Africa</b>	Sila Brickyards (Proprietary) Limited
879	<b>United Kingdom</b>	Sixtus Funding Limited

880	<b>South Africa</b>	Slurrylink Leasing (Proprietary) Limited
881	<b>Monaco</b>	Societe Civile Immobiliere 31 Avenue de la Costa
882	<b>France</b>	Societe Civile Immobiliere Barclays Immo Hexagone
883	<b>France</b>	Societe Civile Immobiliere Barclays Immo Hexagone II
884	<b>France</b>	Societe Francaise de Gestion et de Construction (SFGC) SA
885	<b>South Africa</b>	Soco Properties (Proprietary) Limited
886	<b>South Africa</b>	Sometole Properties (Proprietary) Limited
887	<b>South Africa</b>	Sommering Investments (Proprietary) Limited
888	<b>Cayman Islands</b>	Spatial Investments Limited
889	<b>Cayman Islands</b>	Speaker Investments Limited
890	<b>Cayman Islands</b>	Spedron Investments Limited
891	<b>Cayman Islands</b>	Spinturn Investments Limited
892	<b>Cayman Islands</b>	Spoonhill Investments Limited
893	<b>Cayman Islands</b>	Spurlot Investments Limited
894	<b>United States</b>	SRB Insurance Services LLC
895	<b>Cayman Islands</b>	St James Fleet Investments Two Limited
896	<b>Isle of Man</b>	Stowell Limited
897	<b>Cayman Islands</b>	Strickyard Limited
898	<b>Germany</b>	Sulm Investments GmbH
899	<b>United Kingdom</b>	Surety Trust Limited
900	<b>United States</b>	Sutton Funding LLC
901	<b>Guernsey</b>	SVH Services Limited
902	<b>United Kingdom</b>	Swan Lane Investments Limited
903	<b>South Africa</b>	T.E & M.J. (Proprietary) Limited
904	<b>Cayman Islands</b>	Tahan Investments Limited
905	<b>United States</b>	Taurus Investments LLC
906	<b>South Africa</b>	Taxico Finance (Proprietary) Limited
907	<b>United Kingdom</b>	Tercio Investments
908	<b>Jersey</b>	Terrier Nominees Limited
909	<b>Cayman Islands</b>	Thargelia Investments Limited
910	<b>Cayman Islands</b>	The BGI Multi-Strategy Select (Sterling) Fund Limited
911	<b>United Kingdom</b>	The Fenchurch Partnership
912	<b>Isle of Man</b>	The Kai Limited Partnership
913	<b>Cayman Islands</b>	The Ricardo Fund Limited
914	<b>Cayman Islands</b>	The Ricardo General Partner Limited
915	<b>Cayman Islands</b>	The Ricardo Master Fund Limited
916	<b>United Kingdom</b>	The Sycamore Shipping Limited Partnership
917	<b>South Africa</b>	Thebes Landgoed (Eiendoms) Beperk
918	<b>Jersey</b>	Tiara Trustees (Jersey) Limited
919	<b>Cayman Islands</b>	Tienpao Investments Limited
920	<b>South Africa</b>	Tiradeprops 63 (Proprietary) Limited
921	<b>United Kingdom</b>	Titus Investments Limited
922	<b>United Kingdom</b>	Torero Investment Holdings
923	<b>Cayman Islands</b>	Tourmalet Investments Limited

924	<b>Cayman Islands</b>	Tourmalet UK Investments Limited
925	<b>France</b>	Transolver Finance S.A.
926	<b>France</b>	Transolver Services S.A.
927	<b>Cayman Islands</b>	Tsengwen Investments Limited
928	<b>United Kingdom</b>	Tungshan Investments Limited
929	<b>South Africa</b>	UB Group Limited
930	<b>South Africa</b>	UB Micro Loans Limited
931	<b>South Africa</b>	UBS Trust Limited
932	<b>South Africa</b>	Unifer Holdings Limited
933	<b>South Africa</b>	Unifer Managerial Services Limited
934	<b>South Africa</b>	Unifurn Finance (Proprietary) Limited
935	<b>South Africa</b>	United Development Corporation (Proprietary) Limited
936	<b>South Africa</b>	United Towers (Proprietary) Limited
937	<b>South Africa</b>	USL Limited
938	<b>South Africa</b>	Vehicle Trading (Proprietary) Limited
939	<b>South Africa</b>	Vendu Finans (Eiendoms) Beperk
940	<b>Cayman Islands</b>	Ventoux Investments Limited
941	<b>South Africa</b>	Viewsites Development Company (Proprietary) Limited
942	<b>United Kingdom</b>	Vivian Gray Nominees Limited
943	<b>South Africa</b>	VMB Nominees (Proprietary) Limited
944	<b>South Africa</b>	Volkskas Eiendomsdienste (Eiendoms) Beperk
945	<b>South Africa</b>	Volkskas Ope-Trust Beleggings (Limited By Guarantee)
946	<b>South Africa</b>	Volkskas Trust Beperk
947	<b>South Africa</b>	VTB Genomineerdes (Eiendoms) Beperk
948	<b>South Africa</b>	VTB Trustbates (Eiendoms) Beperk
949	<b>United Kingdom</b>	W.D. Pension Fund Limited
950	<b>Isle of Man</b>	Walbrook (IOM) 2006 Nominees (No. 1) Limited
951	<b>Isle of Man</b>	Walbrook (IOM) Nominees (No. 1) Limited
952	<b>Isle of Man</b>	Walbrook (IOM) Nominees (No. 2) Limited
953	<b>Isle of Man</b>	Walbrook (IOM) Nominees (No. 23) Limited
954	<b>Isle of Man</b>	Walbrook (IOM) Nominees (No. 3) Limited
955	<b>Isle of Man</b>	Walbrook (IOM) Nominees (No. 4) Limited
956	<b>Isle of Man</b>	Walbrook (IOM) Nominees (No. 5) Limited
957	<b>Isle of Man</b>	Walbrook (IOM) Nominees (No. 6) Limited
958	<b>Guernsey</b>	Walbrook Corporate Services (Guernsey) Limited
959	<b>Jersey</b>	Walbrook Corporate Services Limited
960	<b>Jersey</b>	Walbrook Executors Limited
961	<b>Guernsey</b>	Walbrook Group Limited
962	<b>Jersey</b>	Walbrook International Limited
963	<b>Jersey</b>	Walbrook Nominees (No. 1) Limited
964	<b>Jersey</b>	Walbrook Nominees (No. 2) Limited
965	<b>Jersey</b>	Walbrook Nominees (No. 3) Limited
966	<b>Jersey</b>	Walbrook Nominees (No. 4) Limited
967	<b>Guernsey</b>	Walbrook Nominees (No. 7) Limited



968	<b>Jersey</b>	Walbrook Properties Limited
969	<b>Jersey</b>	Walbrook Secretaries Limited
970	<b>Jersey</b>	Walbrook Signatories Limited
971	<b>Guernsey</b>	Walbrook Tax Services Limited
972	<b>United Kingdom</b>	Walbrook Trustees (UK) Limited
973	<b>United Kingdom</b>	Wedd Jefferson (Nominees) Limited
974	<b>United Kingdom</b>	Wenlock Capital 1 Limited
975	<b>United Kingdom</b>	Wenlock Capital 2 Limited (In Liquidation 05/02/2009)
976	<b>United Kingdom</b>	Wenlock Capital 3 Limited (In Liquidation 05/02/2009)
977	<b>Cayman Islands</b>	Wessex Investments Limited
978	<b>United Kingdom</b>	Westferry Investments Limited
979	<b>United Kingdom</b>	Whybourne Investments
980	<b>United Kingdom</b>	Windward Leasing General Partnership
981	<b>Cayman Islands</b>	Winhall Limited
982	<b>Cayman Islands</b>	Witco Limited
983	<b>South Africa</b>	Witprop (Proprietary) Limited
984	<b>South Africa</b>	Woodbook Finance Limited
985	<b>United Kingdom</b>	Woolwich Assured Homes Limited
986	<b>United Kingdom</b>	Woolwich Homes (1987) Limited
987	<b>United Kingdom</b>	Woolwich Homes Limited
988	<b>United Kingdom</b>	Woolwich Insurance Services Limited
989	<b>United Kingdom</b>	Woolwich Limited
990	<b>United Kingdom</b>	Woolwich Mortgage Services Limited
991	<b>United Kingdom</b>	Woolwich Plan Managers Limited
992	<b>United Kingdom</b>	Woolwich Qualifying Employee Share Ownership Trustee Limited
993	<b>United Kingdom</b>	Woolwich Surveying Services Limited
994	<b>Korea, Republic of</b>	Woori BC Pegasus Securitization Specialty Co., Limited
995	<b>Korea, Republic of</b>	Woori SME Asset Securitization Specialty Co., Limited
996	<b>South Africa</b>	Worcester Ontwikkelings (Proprietary) Limited
997	<b>United Kingdom</b>	Wysteria Euro Investments Limited
998	<b>Isle of Man</b>	Zaber Investments Limited Partnership
999	<b>Cayman Islands</b>	Zane Investments Limited
1000	<b>United Kingdom</b>	Zeban Nominees Limited
1001	<b>South Africa</b>	Zeekoewater Township (Proprietary) Limited
1002	<b>Cayman Islands</b>	Zemedee Investments Limited
1003	<b>Cayman Islands</b>	Zepherine Investments Limited
1004	<b>Cayman Islands</b>	Zilou Investments Limited
1005	<b>Cayman Islands</b>	Zinc Holdings Limited
1006	<b>Cayman Islands</b>	Zookander Investments Limited
1007	<b>Cayman Islands</b>	Zosma Investments Limited
1008	<b>Cayman Islands</b>	Zumboorok Investments Limited

CERTIFICATIONS FILED PURSUANT TO 17 CFR 240. 13(A)- 14(A)

I, John Varley, certify that:

1. I have reviewed this annual report on Form 20-F of Barclays PLC;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report;
4. The company's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the company and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the company, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the company's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the company's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting; and
5. The company's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the company's auditors and the audit committee of the company's boards of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the company's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the company's internal control over financial reporting.

Date: 24 March 2009

/s/ John Varley  
Title: Group Chief Executive  
Barclays PLC

I, Christopher Lucas, certify that:

1. I have reviewed this annual report on Form 20-F of Barclays PLC;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report;
4. The company's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the company and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the company, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the company's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the company's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting; and
5. The company's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the company's auditors and the audit committee of the company's boards of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the company's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the company's internal control over financial reporting.

Date: 24 March 2009

/s/ Christopher Lucas  
Title: Group Finance Director  
Barclays PLC

I, John Varley, certify that:

1. I have reviewed this annual report on Form 20-F of Barclays Bank PLC;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report;
4. The company's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the company and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the company, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the company's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the company's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting; and
5. The company's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the company's auditors and the audit committee of the company's boards of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the company's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the company's internal control over financial reporting.

Date: 24 March 2009

/s/ John Varley  
\_\_\_\_\_  
Title: Group Chief Executive  
Barclays Bank PLC

I, Christopher Lucas, certify that:

1. I have reviewed this annual report on Form 20-F of Barclays Bank PLC;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report;
4. The company's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the company and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the company, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the company's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the company's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting; and
5. The company's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the company's auditors and the audit committee of the company's boards of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the company's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the company's internal control over financial reporting.

Date: 24 March 2009

/s/ Christopher Lucas  
Title: Group Finance Director  
Barclays Bank PLC

**Exhibit 13.1**

CERTIFICATIONS FILED PURSUANT TO 17 CFR 240.13(A) AND 18 U.S.C

**SECTION 906 CERTIFICATION**

Pursuant to section 906 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of section 1350, chapter 63 of title 18, United States Code), each undersigned officer of Barclays PLC, a public limited company incorporated under the laws of England and Wales (“Barclays”), hereby certifies, to such officer’s knowledge, that:

The Annual Report on Form 20-F for the year ended December 31, 2008 (the “Report”) of Barclays fully complies with the requirements of section 13(a) of the Securities Exchange Act of 1934 and information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of Barclays.

Date: 24 March 2009

/s/ John Varley

John Varley  
Title: Group Chief Executive  
Barclays PLC

Date: 24 March 2009

/s/ Christopher Lucas

Christopher Lucas  
Title: Group Finance Director  
Barclays PLC

**SECTION 906 CERTIFICATION**

Pursuant to section 906 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of section 1350, chapter 63 of title 18, United States Code), each undersigned officer of Barclays Bank PLC, a public limited company incorporated under the laws of England and Wales (“Barclays Bank”), hereby certifies, to such officer’s knowledge, that:

The Annual Report on Form 20-F for the year ended December 31, 2008 (the “Report”) of Barclays Bank fully complies with the requirements of section 13(a) of the Securities Exchange Act of 1934 and information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of Barclays Bank.

Date: 24 March 2009

/s/ John Varley

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John Varley  
Title: Group Chief Executive  
Barclays Bank PLC

Date: 24 March 2009

/s/ Christopher Lucas

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Christopher Lucas  
Title: Group Finance Director  
Barclays Bank PLC

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We hereby consent to the incorporation by reference in the Registration Statements on Form S-8 (File No. 333-149301, 333-149302, 333-12818, 333-112796, 333-112797, 333-153723) and Form F-3 (File No. 333-145845, 333-151932) of our reports dated March 5, 2009, for:

1. Barclays PLC relating to the financial statements and the effectiveness of internal control over financial reporting; and
2. Barclays Bank PLC relating to the financial statements

which appear in the combined Annual Report on Form 20-F for Barclays PLC and Barclays Bank PLC for the year ended December 31, 2008.

/s/ PricewaterhouseCoopers LLP  
**PricewaterhouseCoopers LLP**  
London, England  
March 24, 2009