542

NOTES ON THE FINANCIAL TIMES— ACTUARIES EQUITY SHARE INDICES IN 1988

By J. C. H. Brumwell, M.A., F.I.A.

1. CLASSIFICATION OF STOCK EXCHANGE SECURITIES BY INDUSTRY

The original classifications were set out in the 1970 note in this series (T.F.A., 32, pp. 433-436). Subsequent amendments were set out in the notes for 1971-74, 1977 and 1979-87 (T.F.A. 33, 112; 33, 295; 34, 127; 34, 455; 36, 69; 37, 70; 37, 315; 38, 43; 38, 245; 39, 131; 39, 404; 40, 83; 40,425; and 41, 74).

During 1988 categories 20 (Cold Formed Fastenings and Turned Parts) and 21 (Founders and Stampers) were discontinued. All 17 companies so classified were included in category 34 (Miscellaneous Metal Forming).

Two other categories were renamed to a minor extent during 1988:

- 33 Steel
- 67 Health & Household
- (In the last year's notes the change of 65 to Giftwear should have read Giftware)

Minor amendments were also made to the definitions of the two categories during 1988.

As a result of the quarterly meetings of the Classification Sub-Committee of the Joint Investment and Index Committee, the classifications of 56 companies were altered, following changes in their business, or otherwise corrected. These changes were only made after notification to the company concerned and usually after discussion. A further 52 companies, in addition to those with whom discussions had begun in earlier years, were first approached in 1988.

The Stock Exchange continued to classify the new companies granted a full quotation, or quoted on either the Unlisted Securities Market or the Third Market.

2. CONSTITUENT CHANGES IN THE EQUITY INDICES

During 1988 sixty constituents were removed from the indices, almost 27% less than 1987's record figure of 82. As shown in Table A, 44 of these constituents were acquired by other companies, 1 was reconstructed and demerged, 10 investment trusts were unitised or reconstructed, 4 companies were removed under the casualty rule due to their persisting small capitalisations, and a receiver was appointed to one.

The number of constituents in the All Share Index has fallen steadily from 750 since 1983—reflecting the difficulty in selecting replacements for constituents removed outside the 500 share index. This again proved to be the case in 1988, and the number of constituents, which at the end of 1987 had been

720, fell further to 713 a year later. Much of the reduction derives from the fall in the number of Investment Trusts from 107 to 76 over the same five years—reflecting the spate of reconstructions, unitisations and take-overs. The 53 new constituents, with their capitalisations on entry, are set out in Table B.

For the third time in four years no changes were made to the Groups or Subsections at the end of 1988. However twelve of the companies reclassified during the year—as described in Section 1—were constituents, and consequently their index classifications were changed as set out in Table C.

The 36 constituents which changed their names (one twice) are shown in Table D.

In 1988 the total number of capital changes (not just those involving changes of constituent) recorded fell by 208 from the exceptional peak in 1987 to 970—still appreciably higher than the previous record (of 852 in 1986).

3. FT-SE. 100 INDEX

1988 was the fifth year of operation of the FT-SE 100 Index—based at 1000.0 at close of business on the last day of trading in 1983—which is calculated on a real-time basis and updated every minute from 9.00 am until 5.00 pm on each trading day. A description of its calculation was given in the 1984 note in this series.

Details of the 11 changes of constituent made during 1988 are given in Table F and an ordered list of the initial 1989 constituents (i.e. after the 30 December 1988 changes) in Table G.

4. MISCELLANEOUS

At the end of 1988, it was agreed to widen the eligibility of companies to become constituents in two respects: (a) the requirement for a company to be paying a dividend was ended and (b) companies quoted on the Unlisted Securities Market became eligible—provided they fulfilled the free market condition, which requires at least 25% of the shares to be "in the market". As a result the seven new constituents on 30 December 1988 were two fully-quoted companies—Eurotunnel and Premier Consolidated Oilfields:—neither paying a dividend—and five USM companies. The equity share index values, yields and ratios at the end of 1988 are set out in Table E.

TABLE A Constituents Removed During 1988

Date of Removal removal	Constituent Removed	Index Classification	Control acquired by, or reasons for
8 Jan. 14 Jan. 25 Ian	MK Electric Group Abaco Investments Freemans	Electricals Other Financial	RTZ Corporation British & Commonwealth Holdings
5 Feb.	Ailsa Holdinge	June Strong Programment Trusts	Sears Reconstruction
11 Feb.	Chase Property Holdings	insurance brokers Property	St Fauls Companies Trafalgar House
23 Feb.	Burgess Group Tricentrol	Electricals Oil and Gas	RHP Group Arco UK
25 Feb.	Britoil	Oil and Gas	British Petroleum
79 reb.	Berry Trust General Consolidated Investment Trust	Investment Trusts Investment Trusts	Reconstruction Reconstruction
7 Mar.	Edinburgh American Assets	Investment Trusts	Reconstruction
31 Mar.	Ipeco Holdings	Mechanical Engineering	Under casualty rule
6 Apr.	Henderson Group	Building Materials	Hepworth Ceramic Holdings
12 Apr.	Kennedy Brookes	Leisure	Trusthouse Forte
4 May	Glass Glover Group	Food Retailing	Dryvale
9 May	TR Technology Investment Trust	Investment Trusts	Reconstruction
13 May	Framlington Group	Miscellaneous Financial	Fifth Throgmorton Company
lo May	Addison Consultancy Group	Agencies	Reconstruction & Demerger
2 June	Dubilier International	Congioniciates	b.b.A. Group Peek
8 June	DPCE Holdings	Electronics	Granada Groun
10 June	John Crowther Holdings	Textiles	Colorell Group
13 June	Japan Assets Trust	Investment Trusts	Reconstruction
17 June	Drayton Japan Trust	Investment Trusts	Reconstruction
21 June	Crescent Japan Investment Trust	Investment Trusts	Reconstruction
	A. G. Stanley Holdings	Stores	Ward White Group
6 July	Lynton Property & Reversionary	Property	BAA
7 July	Acre Oil	Oil & Gas	British Gas
	Rowntree	Food Manufacturing	Nestle (UK)
12 July	Amari	Metals & Metal-Forming	Glynwed International
14 July	Estates Property Investment	Property	Giltvote
zo July I Aug	Freshbake Foods Group	Food Manufacturing	Campbell Investments (UK)
15 Aug.	Harrie Oneenswov	Investment trusts	Reconstruction
26 Aug.	Ellis & Goldstein (Holdings)	Textiles	Lowings Ventures Alexon Group

TABLE A (continued)

British & Commonwealth Holdings Downy Group Plessey Wereldhave NV Under casually rule Sandell Perkins British Coal Pension Funds Pergamon Professional & Financial	Services Mecca Leisure Group Tarmac AMEC Williams Holdings Reconstruction Bue Circle Industries Daily Mail & General Trust Receiver appointed Cable & Wireless Australian National Industries Lloyds Bank Glowtrack Kelt Energy Under casualty rule
Electronics Electronics Electronics Property Mechanical Engineering Building Materials Investment Trusts Agencies	Leisure Building Materials Mechanical Engineering Electricals Investment Trusts Mechanical Engineering Publishing & Printing Electricals Miscellaneous Mechanical Engineering Leisure Insurance (Life) Leisure Oil & Gas Textiles Shipping & Transport
Atlantic Computers CASE Group Hoskyns Group Peachey Property Corporation TACE Group Travis & Arnold TR Industrial & General Trust AGB Research	Pleasurama Ruberoid Matthew Hall Pilgrim House Group TR North America Investment Trust Birmid Qualcast Ass. Newspaper Holdings Sound Diffusion Telephone Rentals Aurora LandLeisure Abbey Life Group Virgin Group Virgin Group Carless S. R. Gent Ocean Wilsons (Holdings)
2 Sept. 9 Sept. 12 Sept. 16 Sept. 30 Sept. 18 Oct. 25 Oct.	20 Nov. 15 Nov. 15 Nov. 16 Nov. 22 Nov. 28 Nov. 4 Dec. 6 Dec. 7 Dec. 8 Dec. 14 Dec. 28 Dec. 30 Dec.

Birmid Qualcast was also temporarily suspended from 16 to 18 February

Table B
New Constituents in 1988 Replacing those Removed in Table A

Date of	N N N N	Ladan Classiff saisa	S. Carrier S. Carrier S.
тигодистоп	New Constituent	maex Classification	Capitalisation
8 Jan.	Wace Group	Publishing & Printing	£50.8m
14 Jan.	Baltic	Other Financial	£54.7m
25 Jan.	Anglia Secure Homes	Contracting & Construction	£60.5m
16 Feb.	ML Holdings	Mechanical Engineering	£55.6m
23 Feb.	Illingworth Morris	Textiles	£54.0m
25 Feb.	TIP Europe	Shipping & Transport	£83.1m
31 Mar.	AMI Healthcare Group	Health & Household	£172.4m
6 Apr.	Shanks & McEwan Group	Miscellaneous	£167.9m
12 Apr.	UK Paper	Packaging & Paper	£114.8m
4 May	Acre Oil	Oil & Gas	£314.3m
18 May	Shandwick	Agencies	£68.5m
	Tilbury Group	Contracting & Construction	£70.1m
2 June	Peek	Electronics	£133.9m
6 June	Guinness Mahon Holdings	Merchant Banks	£58.3m
8 June	ASW Holdings	Metals & Metal Forming	£100.9m
10 June	Thorntons	Food Retailing	£81.8m
21 June	Watmoughs (Holdings)	Publishing & Printing	£61.5m
27 June	Local London Group	Property	£103.9m
7 July	Egerton Trust	Contracting & Construction	£62.5m
	Hunterprint Group	Publishing & Printing	£62.1m
12 July	Evode Group	Chemicals	£80.9m
20 July	Control Securities	Property	£170.0m
	Fairbriar	Contracting & Construction	£76.4m
l Aug.	R I T Capital Partners	Investment Trusts	£131.7m
15 Aug.	Lowndes Ventures	Stores	£232.9m
26 Aug.	B. M. Group	Mechanical Engineering	£106.3m
2 Sept.	Haden Maclellan Holdings	Mechanical Engineering	£80.2m
8 Sept.	Appleyard Group	Motors	£62.7m
12 Sept.	Evans Halshaw Holdings	Motors	£64.0m
30 Sept.	Marler Estates	Property	£62.9m
	P & P	Electronics	£70.8m
	Rechem Environmental Services	Chemicals	£75.7m
18 Oct.	Bodycote International	Conglomerates	£67.1m
25 Oct.	FKB Group	Agencies	£73.5m

TABLE B (continued)

Owners Abroad Group Owners Abroad Group Northamber Capital Radio Merivale Moore Merivale Moore Merivale Moore Merivale Moore Contracting & Construction Publishing & Printing British Steel U. D. O. Holdings Leisure Investments Leisure Investments Leisure Investments Leisure Americal Miscellaneous Leisure Compass Group Leisure Blenheim Exhibitions Group Agencies Eurotunnel Comdon Forfaiting Premier Consolidated Oilfields Agencies Frankoworth Trust Randsworth Trust Property Froperty United Friendly Insurance Insurance (Life)	8 Nov.	Baggeridge Brick	Building Materials	£62.0m
Northamber Capital Radio Merivale Moore Merivale Moore Vibroplant Uporplant Uporth Mail & General Trust British Steel Uporth Metals & Metal-Forming Uporth Metals & Metals Uporth	,	Owners Abroad Group	Leisure	£68.1m
Capital Radio Merivale Moore Vibopant Vibopant Vibopant Vibopant Vibopant Vibopant Daily Mail & General Trust British Steel U. D. O. Holdings Leisure Investments Leisure Investments Leisure Investments Leisure Investments Leisure Aleant & Household Compass Group Blenheim Exhibitions Group Blenheim Exhibitions Group Blenheim Exhibitions Group Blenheim Consolidated Oilfields Premier Consolidated Oilfields Premier Consolidated Oilfields Property Stanhope Properties United Friendly Insurance United Friendly Insurance	۸.	Northamber	Electronics	£65.7m
Werivale Moore Vibroplant Vibroplant Daily Mail & General Trust Daily Mail & General Trust British Steel U. D. O. Holdings Life Sciences International Compass Group Life Sciences International Leisure Lomdon Forfaiting Blenheim Exhibitions Group Bremier Consolidated Oilfields Premier Consolidated Oilfields Standsworth Trust Stanhope Properties United Friendly Insurance United Friendly Insurance United Friendly Insurance	۸.	Capital Radio	Leisure	£67.0m
Vibroplant Daily Mail & General Trust Daily Mail & General Trust British Steel U. D. O. Holdings Leisure Investments Life Sciences International Compass Group Blenheim Exhibitions Group Blenheim Exhibitions Group Bremier Consolidated Oilfields Premier Consolidated Oilfields Standsworth Trust Stanhope Properties United Friendly Insurance United Friendly Insurance United Friendly Insurance United Prise Agencies Fundant Consolidated Oilfields Fundant Consolidated		Merivale Moore	Property	£67.4m
Daily Mail & General Trust Publishing & Printing British Steel Wetals & Metal-Forming U. D. O. Holdings Leisure Investments Life Sciences International Compass Group Blenheim Exhibitions Group Blenheim Exhibitions Group Premier Consolidated Oilfields Randsworth Trust Stanhope Properties United Friendly Insurance Friendly Friendly Insurance	۲.	Vibroplant	Contracting & Construction	£63.2m
British Steel U. D. O. Holdings Leisure Investments Life Sciences International Compass Group Blenheim Exhibitions Group London Forfaiting Premier Consolidated Oilfields Randsworth Trust Stanhope Properties United Friendly Insurance British Skending Miscellancous Leisure Health & Household Leisure Health & Household Leisure Agencies Agencies Shipping & Transport Other Financial Other Financial Property Property Insurance Insurance (Life)	ç.	Daily Mail & General Trust	Publishing & Printing	£399.0m
U. D. O. Holdings Leisure Investments Life Sciences International Life Sciences International Life Sciences International Compass Group Berheim Exhibitions Group Berheim Exhibitions Group London Forfaiting Premier Consolidated Oilfields Premier Consolidated Oilfields Randsworth Trust Stanhope Properties United Friendly Insurance Insurance (Life)	ç.	British Steel	Metals & Metal-Forming	£2520.0m
Leisure Investments Leisure Leisure Liesure Leisure Leisure Leisure Leisure Leisure Leisure Blenheim Exhibitions Group Blenheim Exhibitions Group Burotunnel London Forfatting Premier Consolidated Oilfields Randsworth Trust Randsworth Trust Stanhope Properties United Friendly Insurance Insurance (Life)	č.	U. D. O. Holdings	Miscellaneous	£57.5m
Life Sciences International Health & Household Compass Group Blenheim Exhibitions Group Agencies Eurotunnel Consolidated Oilfields Shipping & Transport London Forfaiting Other Financial Other Financial Premier Consolidated Oilfields Oil & Gas Randsworth Trust Property Stanhope Properties Property United Friendly Insurance Insurance (Life)	č.	Leisure Investments	Leisure	£133.7m
Compass Group Agencies Blenheim Exhibitions Group Agencies Eurotunnel London Forfaiting Premier Consolidated Oilfields Randsworth Trust Stanhope Properties Cuited Friendly Insurance		Life Sciences International	Health & Household	£58.5m
Blenheim Exhibitions Group Agencies Eurotunnel Shipping & Transport London Forfaiting Other Financial Premier Consolidated Oilfields Oil & Gas Randsworth Trust Property Stanhope Properties Property United Friendly Insurance Insurance (Life)	ç.	Compass Group	Leisure	£165.6m
Shipping & Transport Other Financial Oil & Gas Property Property Insurance (Life)	ç.	Blenheim Exhibitions Group	Agencies	£100.0m
Other Financial Oil & Gas Oil & Gas Property Property Insurance (Life)		Eurotunnel	Shipping & Transport	£806.0m
d Oil fields Property Property Property Property Insurance (Life)		London Forfaiting	Other Financial	£165.0m
Property Property Insurance (Life)		Premier Consolidated Oilfields	Oil & Gas	£247.6m
Property Insurance (Life)		Randsworth Trust	Property	£121.7m
Insurance (Life)		Stanhope Properties	Property	£291.9m
		United Friendly Insurance	Insurance (Life)	£79.1m

TABLE C Constituents Reclassified in 1988

Date of Reclassification	Company	Former Classification	New Classification
7 Mar. 31 Mar.	Thomson T-Line Charterhall	Miscellaneous Oil & Gas	Conglomerates Stores
	JS Pathology RHP Group	Miscellaneous Mechanical Engineering	Health & Household Electricals
6 June	GPG	Merchant Banks	Other Financial
30 June	T&N	Other Industrial Materials	Motors
30 Sept.	Dominion International Group	Conglomerates	Motors
	Pearson	Conglomerates	Publishing & Printing
18 Oct.	Ryan International	Miscellaneous	Contracting & Construction
30 Dec.	Avis (Europe)	Agencies	Motors
	Carlton Communications	Agencies	Leisure
	IMI	Metals & Metal-Forming	Mechanical Engineering

Table D Name Changes in 1988

Former Name	New Name
ASDA-MFI Group	Asda Group
Barker & Dobson Group	Budgens
C. H. Beazer Holdings	Beazer
Brown Boveri Kent (Holdings)	ABB Kent (Holdings)
Burnett & Hallamshire Holdings	NSM
Carless Capel & Leonard	Carless
Country & New Town Properties	Pennant Properties
Dee Corporation	Gateway Corporation
Delta Group	Delta
F & C Alliance Investment	F & C Smaller Companies
Ferranti	Ferranti International Signal
Foseco Minsep	Foseco
GRA Group	Wembley
Guinness Peat Group	GPG
Hepworth Ceramics Holdings	Hepworth
Hollis	first to Pergamon Professional & Financial
	Services and then to Pergamon AGB
Imry International	Imry Merchant Developers
Kennedy Smale	McLeod Russel Holdings
Kleinwort Benson Lonsdale	Kleinwort Benson Group
London Investment Trust	LIT Holdings
London Shop Property Trust	London Shop
Lowndes Ventures	Lowndes Queensway
Metal Box	MB Group
North Atlantic Securities Corporation	Overseas Investment Trust
RHP Group	Pilgrim House Group
Saga Holidays	Saga Group
Sandell Perkins	Travis Perkins
George H. Scholes	Scholes Group
Smith & Nephew Associated	Smith & Nephew
Royal Insurance	Royal Insurance Holdings
W. H. Smith & Son (Holdings)	W. H. Smith Group
Southend Stadium	Southend Property Holdings
Systems Designers	SD—Scicon
Television South	TVS Entertainment
F. H. Tomkins	Tomkins
TR National Resources Investment Trust	Sphere Investment Trust

Table E Equity Index Levels etc.

G	iroup/Subsection	Number of Constituents	Index Number	Est. Earnings Yield %	Gross Dividend Yield% (Act at 25%)
1	CAPITAL GOODS	209	781.53	11.97	4.55
2	Building Materials	28	952.97	13.37	4.78
3	Contracting & Construction	39	1,482.64	13.37	4.11
4	Electricals	10	2,307.49	9.39	4.89
5	Electronics	30	1,779.76	10.53	3.67
6	Mechanical Engineering	55	410.62	11.60	4.55
8	Metals & Metal Forming	7	455.86	16.96	6.48
9	Motors	17	260.62	12.54	5.07
0	Other Industrial Materials	23	1,316.37	10.36	4.74
:1	CONSUMER GROUP	188	1,024.42	10.09	4.08
2	Brewers & Distillers	21	1,113.47	11.38	4.01
5	Food Manufacturing	21	932.96	9.82	4.12
6	Food Retailing	16	1,799.24	10.09	3.89
7	Health & Household	13	1,794.29	7.48	3.02
9	Leisure	32	1,350.71	8.67	3.74
ij	Packaging & Paper	17	526.54	10.59	4.28
2	Publishing & Printing	19	3,258.70	9.38	4.71
4	Stores	34	692.74	12.29	4.97
5	Textiles	15	464.58	15.00	6.08
0	OTHER GROUPS	91	901.08	11.64	4.77
1	Agencies	18	1,041.97	9.68	2.82
2	Chemicals	22	1,030.78	12.37	5.11
3	Conglomerates	12	1,262.81	11.70	5.67
5	Shipping & Transport	12	1,861.87	10.68	4.48
17	Telephone Networks	2	1,006.66	11.67	4.67
8	Miscellaneous	25	1,191.51	12.07	4.61
19	INDUSTRIAL GROUP	488	942.33	11.03	4.40
1	Oil & Gas	12	1,725.48	10.72	6.45
9	500 SHARE INDEX	500	1,008.87	10.99	4.68
1	FINANCIAL GROUP	127	674.24	_	5.25
52	Banks	8	662.09	21.41	6.55
5	Insurance (Life)	8	941.25	_	5.73
6	Insurance (Composite)	7	530.28	_	5.89
7	Insurance (Brokers)	7	917.20	9.55	7.09
8	Merchant Banks	11	319.29	_	4.69
59	Property	54	1,206.26	5.87	2.78
0	Other Financial	32	343.33	10.20	5.74
7 ì	INVESTMENT TRUSTS	76	926.82		3.27
3 1	MINING FINANCE	2	565.31	10.81	3.70
1	OVERSEAS TRADERS	8	1,276.92	9.17	4.95
9	ALL SHARE INDEX	713	926.59	_	4.71
00	FT-SE 100 INDEX	100	1,793.1		

TABLE E

on 31 December 1988

Est. Price! Earnings Ratio (Net)	XD Adj 1988	Capitalisation as at 30 Dec. 1988	% of All Share Index	1988 High	1988 Low	Year Earlier (31 Dec. 1987)	% Change During 1988
10.23	25.81	66,942.4	18.71	830.49	706.80	709.86	+10.10
9.20	33.75	12,011.3	3.36	1,058.10	900.82	938.66	+6.53
9.20	33.73 47.27	6,866.0	1.92	1,627.40	1,385.83	1,360.45	+8.98
12.85	78.35		0.80	2,440.04			
12.83	47.99	2,854.0 14,603.6	4.08	1,816.22	1,946.87	1,984.45 1,474.87	+16.28 +20.67
10.49	14.46	11,369.7	3.18	437.20	1,423.66 367.20	360.53	+13.89
6.66	14.46	4,096.3		516.28	424.40	429.36	+6.17
			1.14				
9.24	9.91	4,672.6	1.30	295.13	254.89	260.40	+0.08
11.41	46.27	10,468.9	2.93	1,397.10	1,191.01	1,219.57	+7.94
12.43	30.45	108,645.9	30.37	1,118.61	989.31	1,010.53	+1.37
10.98	32.36	17,488.2	4.89	1,160.92	951.87	983.78	+13.18
12.79	27.45	15,995.7	4.47	1,016.66	803.48	819.19	+13.89
13.04	51.41	11,646.2	3.26	2,179.42	1,723.24	2,052.24	-12.33
15.32	40.69	19,609.5	5.48	1,946.55	1,708.33	1,695.17	+5.85
14.72	37.84	11,721.1	3.28	1,433.24	1,142.19	1,115.34	+21.10
11.74	16.37	3,666.1	1.02	565.09	473.11	492.64	+6.88
13.33	108.57	8.181.4	2.29	3,647.52	3,091.72	3,336.67	-2.34
10.70	25.04	17.149.6	4.79	859.85	658.79	829.93	-16.53
7.98	19.12	3,188.1	0.89	620.72	432.61	577.79	-19.59
10.50	32.32	65,658.0	18.35	923.13	834.42	829.14	+8.68
13.05	21.60	4,214.0	1.18	1,219.02	994.91	1,040.29	+0.16
9.71	41.76	12,276.8	3.43	1,121.06	971.71	1,034.99	-0.41
9.91	54.04	11,418.0	3.19	1,272.77	1,095.37	1,087.74	+16.09
12.24	62.78	7,265.4	2.03	1,992.59	1,718.96	1,690.37	+10.15
11.14	35.23	19,327.4	5.40	1,011.82	880.24	870.64	+15.62
9.42	41.15	11,156.4	3.12	1,281.89	1,096.28	1,145.21	+4.04
11.20	30.47	241,246.3	67.43	998.43	887.00	892.28	+5.61
11.93	82.60	38,515.5	10.76	1,881.96	1,681.40	1,663.63	+3.72
11.30	34.87	279,761.8	78.19	1,070.40	958.79	957.66	+5.35
-	26.60	56,188.4	15.70	720.68	630.02	634.25	+6.31
6.26	32.18	17,912.8	5.00	701.86	610.26	639.19	+3.58
_	39.81	6,231.2	1.74	1,090.17	906.86	955.99	-1.54
	24.04	8,755.3	2.45	567.92	481.43	497.07	+6.68
13.09	46.87	1,707.6	0.48	1,022.51	823.41	870.25	+5.40
	10.93	2,499.4	0.70	378.23	309.82	340.74	-6.30
21.72	25.93	14,524.0	4.06	1,318.34	975.44	969.79	+24.38
12.23	15.48	4,558.1	1.27	401.37	340.50	381.57	-10.02
_	21.38	11,615.7	3.25	943.09	784.91	777.91	+19.14
10.30	15.67	6,041.6	1.69	619.62	385.04	450.65	+25.44
12.64	48.71	4,192.1	1.17	1,447.77	969.88	952.95	+33.40
_	32.28	357,799.6	100.00	978.58	870.19	870.22	+6.48
		246,747.4	68.96	1,892.2	1,687.5	1,712.7	+4.69

Table F
1988 Changes in FT-SE 100 Constituents

These changes were made after the close of business on the date indicated:

Date	Deleted	Capitalisat (£m)	ion (Added	Capitalisation (£m)
24 Feb.	Britoil	2,510	Enterprise Oil	884
31 Mar.	Bunzl	637	Blue Arrow	806
	Dixons Group	644	Burmah Oil	891
	Sedgwick Group	702	RMC Group	900
	Standard Chartered	696	Williams Holdings	909
30 June	Globe Investment Trust	740	Lucas Industries	922
6 July	Rowntree	2,301	Abbey Life Group	899
30 Sept.	Blue Arrow	600	London & Scottish Marine Oi	1 1,094
20 Dec.	Abbey Life Group	881	British Steel	2,500
30 Dec.	Next	526	Standard Chartered	1,175
	Williams Holdings	702	Ultramar	1,013

Table G

Constituents of the FT-SE 100 Index Immediately after the 30 December 1988 Changes—with Capitalisations on that Day

Position 1 2 3 4 5 6 7 8 9	Company British Telecommunications British Petroleum "Shell" Transport & Trading Glaxo Holdings Imperial Chemical Industries BAT Industries BAT Industries	sation (£m) 15,469.2 15,183.2 11,566.0 7,992.1 6,885.8	51 52 53	Company BET Rank Organisation	sation (£m) 1,595.0
2 3 4 5 6 7 8	British Petroleum "Shell" Transport & Trading Glaxo Holdings Imperial Chemical Industries BAT Industries	15,183.2 11,566.0 7,992.1	52		
3 4 5 6 7 8	"Shell" Transport & Trading Glaxo Holdings Imperial Chemical Industries BAT Industries	11,566.0 7,992.1		Rank Organisation	
4 5 6 7 8	Glaxo Holdings Imperial Chemical Industries BAT Industries	7,992.1	53		1,592.6
5 6 7 8	Imperial Chemical Industries BAT Industries			Lonrho	1,591.3
6 7 8	BAT Industries	6,885.8	54	Argyll Group	1,590.4
7 8			55	Guardian Royal Exchange	1,545.7
8	British Gas	6,882.6	56	Pilkington	1,517.9
		6,688.9	57	Asda Group	1,516.2
9	Hanson	5,923.6	58	Enterprise Oil	1,512.1
	General Electric	5,042.9	59	Hammerson Property Inv. & Dev.	1,510.2
10	BTR	5,030.3	60	STC	1,488.5
11	Barclays	4,512.9	61	Trafalgar House	1,472.4
12	Marks & Spencer	4,104.7	62	Scottish & Newcastle Breweries	1,467.4
13	National Westminster Bank	3,979.3	63	Whitbread	1,455.5
14	Cable and Wireless	3,855.3	64	Gateway Corporation	1,421.0
15	Grand Metropolitan	3,687.9	65	Commercial Union Assurance	1,416.6
16	Unilever	3,683.1	66	Legal & General Group	1,383.1
17	Beecham Group	3,523.2	67	BAA	1,375.7
18	Wellcome	3,470.9	68	Associated British Foods	1,372.7
19	RTZ Corporation	3,285.9	69	Reckitt & Colman	1,366.3
20	Allied-Lyons	3,279.7	70	Fisons	1,365.1
21	Guinness	3,082.5	71	Rothmans International 'B'	1,278.4
22	J. Sainsbury	2,986.5	72	Ranks Hovis McDougall	1,220.7
23	Prudential Corporation	2,807.1	73	United Biscuits (Holdings)	1,206.1
24	Consolidated Gold Fields	2,757.1	74	Standard Chartered	1,172.6
25	Land Securities	2,735.1	75	Maxwell Communication Corporation	1,167.2
26	Bass	2,722.6	76	British Airways	1,153.4
27	Lloyds Bank	2,632.9	77	Redland	1,147.0
28	British Steel (f.pd)	2,520.0	78	Smith & Nephew	1,126.7
29	Great Universal Stores 'A'	2,510.0	79	British Aerospace	1.101.3
30	Midland Bank	2,261.9	80	Blue Circle Industries	1,100.4
31	Boots	2,136.7	81	Hawker Siddeley Group	1,070.7
32	Peninsular & Oriental Steam Navigation	2,086.7	82	Rolls-Royce	1.061.9
33	Tesco	2,046.0	83	Woolworth Holdings	1,038.3
34	Reed International	2,043,3	84	Royal Bank of Scotland Group	1,036.9
35	Cadbury Schweppes	2,041.8	85	Courtaulds	1.024.4
36	Trusthouse Forte	1.990.9	86	Amstrad	1.016.9
37	Sun Alliance & London Insurance	1,951.0	87	Ultramar	1,010.7
38	BOC Group	1,943.5	88	Hillsdown Holdings	1,008.0
39	Royal Insurance Holdings	1.837.9	89	RMC Group	979.1
40	Ladbroke Group	1,837,3	90	English China Clays	967.8
41	General Accident Fire & Life	1.817.7	91	Granada Group	951.6
42	Racal Electronics	1,776.2	92	Cookson Group	936.4
43	Thorn EMI	1.742.0	93	Burton Group	936.3
44	Scars	1,679.5	94	London & Scottish Marine Oil	908.3
45	Reuters Holdings 'B'	1,675.7	95	BPB Industries	904.2
46	MEPC	1,675.2	96	Lucas Industries	864.3
47	Plessey	1.658.6	97	Burmah Oil	844.0
48	Tarmac	1,643.4	98	Storehouse	816.6
49	TSB Group	1.642.8	99	Coats Vivella	784.9
50	Pearson	1,596.4	100	British & Commonwealth Holdings	738.8