

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**

To Company Name/Scheme Rio Tinto Limited

ACN/ARSN 004 458 404

1. Details of substantial holder (1)

Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including those listed in Annexure A)

ACN/ARSN (if applicable) N/A

The holder became a substantial holder on 24 April 2025

2. Details of voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ordinary Limited	24,254,497	24,254,497	1.492%
Ordinary plc	57,027,831	57,027,831	3.509%
Total	81,282,328	81,282,328	5.001%

Note: Voting power is calculated based on total voting rights of 1,625,188,601.

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 81,282,328

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Vanguard Group	Brown Brothers Harriman	Various funds and other accounts of Vanguard Group	Ordinary – 6,105,939
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Ordinary – 9,321,474
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of Vanguard Group	Ordinary – 42,566,075
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of Vanguard Group	Ordinary – 23,286,350
Vanguard Personalized Indexing Management LLC	Various Others	Various funds and other accounts of Vanguard Group	Ordinary – 2,490

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5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)	Class and number of securities
See Annexure A			

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6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
N/A	N/A

7. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Vanguard Group	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

print name Shawn Acker capacity Compliance Manager

sign here  date 29 April 2025

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an Associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Details of the consideration must include any and all benefits, moneys and other, that any person from whom a relevant interest has acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

To Company	Rio Tinto Limited
ACN/ARSN	004 458 404
Substantial Holder Name	Vanguard Group
ACN/ARSN	N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
24-Dec-2024	The Vanguard Group, Inc.	BUY	116.26	Ordinary Limited	1,176	1,176
24-Dec-2024	The Vanguard Group, Inc.	BUY	46.99	Ordinary plc	1,351	1,351
27-Dec-2024	The Vanguard Group, Inc.	BUY	116.88	Ordinary Limited	504	504
27-Dec-2024	The Vanguard Group, Inc.	BUY	116.88	Ordinary Limited	3,920	3,920
27-Dec-2024	The Vanguard Group, Inc.	BUY	116.88	Ordinary Limited	5,580	5,580
27-Dec-2024	The Vanguard Group, Inc.	BUY	117.17	Ordinary Limited	2,270	2,270
27-Dec-2024	The Vanguard Group, Inc.	BUY	46.84	Ordinary plc	579	579
27-Dec-2024	The Vanguard Group, Inc.	BUY	46.84	Ordinary plc	11,650	11,650
27-Dec-2024	The Vanguard Group, Inc.	BUY	46.84	Ordinary plc	11,340	11,340
27-Dec-2024	The Vanguard Group, Inc.	BUY	46.83	Ordinary plc	10,965	10,965
27-Dec-2024	The Vanguard Group, Inc.	BUY	46.81	Ordinary plc	7,792	7,792
27-Dec-2024	The Vanguard Group, Inc.	BUY	46.94	Ordinary plc	637	637
30-Dec-2024	The Vanguard Group, Inc.	BUY	117.87	Ordinary Limited	196	196
30-Dec-2024	The Vanguard Group, Inc.	BUY	117.52	Ordinary Limited	4,029	4,029
30-Dec-2024	The Vanguard Group, Inc.	SELL	117.87	Ordinary Limited	(37)	(37)
30-Dec-2024	The Vanguard Group, Inc.	BUY	46.70	Ordinary plc	516	516
30-Dec-2024	The Vanguard Group, Inc.	BUY	46.83	Ordinary plc	3,741	3,741
30-Dec-2024	The Vanguard Group, Inc.	BUY	46.72	Ordinary plc	111	111
2-Jan-2025	The Vanguard Group, Inc.	BUY	118.21	Ordinary Limited	294	294
2-Jan-2025	The Vanguard Group, Inc.	BUY	118.34	Ordinary Limited	672	672
2-Jan-2025	The Vanguard Group, Inc.	BUY	118.34	Ordinary Limited	3,910	3,910
2-Jan-2025	The Vanguard Group, Inc.	BUY	47.64	Ordinary plc	774	774
2-Jan-2025	The Vanguard Group, Inc.	BUY	47.47	Ordinary plc	772	772
2-Jan-2025	The Vanguard Group, Inc.	BUY	47.47	Ordinary plc	11,640	11,640
2-Jan-2025	The Vanguard Group, Inc.	SELL	47.47	Ordinary plc	(2,935)	(2,935)
3-Jan-2025	The Vanguard Group, Inc.	BUY	117.47	Ordinary Limited	196	196
3-Jan-2025	The Vanguard Group, Inc.	BUY	117.25	Ordinary Limited	2,346	2,346
3-Jan-2025	The Vanguard Group, Inc.	BUY	117.78	Ordinary Limited	4,328	4,328
3-Jan-2025	The Vanguard Group, Inc.	SELL	117.63	Ordinary Limited	(370)	(370)
3-Jan-2025	The Vanguard Group, Inc.	BUY	46.98	Ordinary plc	516	516
3-Jan-2025	The Vanguard Group, Inc.	BUY	46.98	Ordinary plc	1,461	1,461
3-Jan-2025	The Vanguard Group, Inc.	BUY	47.15	Ordinary plc	6,990	6,990
3-Jan-2025	The Vanguard Group, Inc.	BUY	47.06	Ordinary plc	7,847	7,847
3-Jan-2025	The Vanguard Group, Inc.	BUY	47.07	Ordinary plc	17,643	17,643
6-Jan-2025	The Vanguard Group, Inc.	BUY	115.44	Ordinary Limited	98	98
6-Jan-2025	The Vanguard Group, Inc.	BUY	115.44	Ordinary Limited	245	245
6-Jan-2025	The Vanguard Group, Inc.	BUY	115.44	Ordinary Limited	80	80
6-Jan-2025	The Vanguard Group, Inc.	BUY	47.14	Ordinary plc	258	258
6-Jan-2025	The Vanguard Group, Inc.	BUY	47.14	Ordinary plc	645	645
6-Jan-2025	The Vanguard Group, Inc.	BUY	47.14	Ordinary plc	217	217
6-Jan-2025	The Vanguard Group, Inc.	SELL	46.75	Ordinary plc	(6,457)	(6,457)
6-Jan-2025	The Vanguard Group, Inc.	BUY	47.14	Ordinary plc	825	825
6-Jan-2025	The Vanguard Group, Inc.	BUY	47.14	Ordinary plc	667	667
7-Jan-2025	The Vanguard Group, Inc.	BUY	114.65	Ordinary Limited	245	245
7-Jan-2025	The Vanguard Group, Inc.	BUY	114.65	Ordinary Limited	276	276
7-Jan-2025	The Vanguard Group, Inc.	SELL	114.65	Ordinary Limited	(2,502)	(2,502)
7-Jan-2025	The Vanguard Group, Inc.	BUY	115.37	Ordinary Limited	4,301	4,301
7-Jan-2025	The Vanguard Group, Inc.	BUY	115.37	Ordinary Limited	2,511	2,511
7-Jan-2025	The Vanguard Group, Inc.	BUY	114.65	Ordinary Limited	75	75
7-Jan-2025	The Vanguard Group, Inc.	BUY	46.66	Ordinary plc	645	645
7-Jan-2025	The Vanguard Group, Inc.	BUY	46.66	Ordinary plc	864	864
7-Jan-2025	The Vanguard Group, Inc.	SELL	46.66	Ordinary plc	(5,636)	(5,636)
7-Jan-2025	The Vanguard Group, Inc.	BUY	46.74	Ordinary plc	10,102	10,102
7-Jan-2025	The Vanguard Group, Inc.	BUY	46.74	Ordinary plc	11,371	11,371
7-Jan-2025	The Vanguard Group, Inc.	BUY	46.74	Ordinary plc	6,118	6,118
8-Jan-2025	The Vanguard Group, Inc.	BUY	115.93	Ordinary Limited	294	294
8-Jan-2025	The Vanguard Group, Inc.	BUY	47.22	Ordinary plc	774	774
8-Jan-2025	The Vanguard Group, Inc.	BUY	47.22	Ordinary plc	7,808	7,808
8-Jan-2025	The Vanguard Group, Inc.	BUY	46.90	Ordinary plc	28,683	28,683
8-Jan-2025	The Vanguard Group, Inc.	BUY	47.22	Ordinary plc	12,885	12,885
8-Jan-2025	The Vanguard Group, Inc.	BUY	47.22	Ordinary plc	2,106	2,106
8-Jan-2025	The Vanguard Group, Inc.	SELL	47.22	Ordinary plc	(430)	(430)
9-Jan-2025	The Vanguard Group, Inc.	BUY	116.20	Ordinary Limited	4,912	4,912
9-Jan-2025	The Vanguard Group, Inc.	SELL	115.93	Ordinary Limited	(276)	(276)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
9-Jan-2025	The Vanguard Group, Inc.	BUY	48.35	Ordinary plc	7,440	7,440
10-Jan-2025	The Vanguard Group, Inc.	BUY	119.04	Ordinary Limited	98	98
10-Jan-2025	The Vanguard Group, Inc.	BUY	119.04	Ordinary Limited	196	196
10-Jan-2025	The Vanguard Group, Inc.	BUY	119.04	Ordinary Limited	294	294
10-Jan-2025	The Vanguard Group, Inc.	BUY	119.02	Ordinary Limited	42	42
10-Jan-2025	The Vanguard Group, Inc.	BUY	117.92	Ordinary Limited	394	394
10-Jan-2025	The Vanguard Group, Inc.	BUY	48.18	Ordinary plc	258	258
10-Jan-2025	The Vanguard Group, Inc.	BUY	48.18	Ordinary plc	516	516
10-Jan-2025	The Vanguard Group, Inc.	BUY	48.18	Ordinary plc	774	774
10-Jan-2025	The Vanguard Group, Inc.	BUY	48.18	Ordinary plc	120	120
10-Jan-2025	The Vanguard Group, Inc.	BUY	48.17	Ordinary plc	1,134	1,134
13-Jan-2025	The Vanguard Group, Inc.	BUY	119.03	Ordinary Limited	3,782	3,782
13-Jan-2025	The Vanguard Group, Inc.	BUY	48.57	Ordinary plc	3,396	3,396
14-Jan-2025	The Vanguard Group, Inc.	BUY	119.80	Ordinary Limited	322	322
14-Jan-2025	The Vanguard Group, Inc.	BUY	120.04	Ordinary Limited	2,254	2,254
14-Jan-2025	The Vanguard Group, Inc.	BUY	119.80	Ordinary Limited	103	103
14-Jan-2025	The Vanguard Group, Inc.	BUY	119.98	Ordinary Limited	6,329	6,329
14-Jan-2025	The Vanguard Group, Inc.	BUY	119.80	Ordinary Limited	741	741
14-Jan-2025	The Vanguard Group, Inc.	BUY	119.80	Ordinary Limited	79	79
14-Jan-2025	The Vanguard Group, Inc.	BUY	49.18	Ordinary plc	889	889
14-Jan-2025	The Vanguard Group, Inc.	BUY	49.18	Ordinary plc	266	266
14-Jan-2025	The Vanguard Group, Inc.	BUY	49.49	Ordinary plc	8,818	8,818
14-Jan-2025	The Vanguard Group, Inc.	BUY	49.18	Ordinary plc	1,431	1,431
15-Jan-2025	The Vanguard Group, Inc.	BUY	120.15	Ordinary Limited	4,528	4,528
15-Jan-2025	The Vanguard Group, Inc.	BUY	120.15	Ordinary Limited	3,523	3,523
15-Jan-2025	The Vanguard Group, Inc.	BUY	49.37	Ordinary plc	9,333	9,333
15-Jan-2025	The Vanguard Group, Inc.	BUY	49.37	Ordinary plc	12,217	12,217
15-Jan-2025	The Vanguard Group, Inc.	BUY	49.37	Ordinary plc	475	475
16-Jan-2025	The Vanguard Group, Inc.	BUY	119.61	Ordinary Limited	98	98
16-Jan-2025	The Vanguard Group, Inc.	BUY	119.61	Ordinary Limited	322	322
16-Jan-2025	The Vanguard Group, Inc.	BUY	119.61	Ordinary Limited	76	76
16-Jan-2025	The Vanguard Group, Inc.	BUY	49.32	Ordinary plc	224	224
16-Jan-2025	The Vanguard Group, Inc.	BUY	49.32	Ordinary plc	889	889
16-Jan-2025	The Vanguard Group, Inc.	BUY	49.32	Ordinary plc	227	227
21-Jan-2025	The Vanguard Group, Inc.	SELL	120.61	Ordinary Limited	(1,844)	(1,844)
21-Jan-2025	The Vanguard Group, Inc.	SELL	121.05	Ordinary Limited	(2,520)	(2,520)
21-Jan-2025	The Vanguard Group, Inc.	BUY	120.61	Ordinary Limited	35	35
21-Jan-2025	The Vanguard Group, Inc.	BUY	50.23	Ordinary plc	558	558
21-Jan-2025	The Vanguard Group, Inc.	SELL	50.23	Ordinary plc	(2,895)	(2,895)
21-Jan-2025	The Vanguard Group, Inc.	BUY	50.23	Ordinary plc	965	965
22-Jan-2025	The Vanguard Group, Inc.	BUY	119.61	Ordinary Limited	196	196
22-Jan-2025	The Vanguard Group, Inc.	SELL	119.61	Ordinary Limited	(5,775)	(5,775)
22-Jan-2025	The Vanguard Group, Inc.	SELL	119.61	Ordinary Limited	(924)	(924)
22-Jan-2025	The Vanguard Group, Inc.	BUY	119.61	Ordinary Limited	76	76
22-Jan-2025	The Vanguard Group, Inc.	BUY	120.50	Ordinary Limited	3,955	3,955
22-Jan-2025	The Vanguard Group, Inc.	BUY	119.80	Ordinary Limited	5,253	5,253
22-Jan-2025	The Vanguard Group, Inc.	SELL	50.01	Ordinary plc	(14,300)	(14,300)
22-Jan-2025	The Vanguard Group, Inc.	BUY	50.01	Ordinary plc	448	448
22-Jan-2025	The Vanguard Group, Inc.	BUY	50.01	Ordinary plc	227	227
22-Jan-2025	The Vanguard Group, Inc.	SELL	50.01	Ordinary plc	(47,455)	(47,455)
22-Jan-2025	The Vanguard Group, Inc.	BUY	50.08	Ordinary plc	12,610	12,610
22-Jan-2025	The Vanguard Group, Inc.	BUY	50.08	Ordinary plc	1,962	1,962
23-Jan-2025	The Vanguard Group, Inc.	BUY	118.00	Ordinary Limited	245	245
23-Jan-2025	The Vanguard Group, Inc.	BUY	118.00	Ordinary Limited	150	150
23-Jan-2025	The Vanguard Group, Inc.	SELL	118.17	Ordinary Limited	(1,008)	(1,008)
23-Jan-2025	The Vanguard Group, Inc.	BUY	118.00	Ordinary Limited	76	76
23-Jan-2025	The Vanguard Group, Inc.	BUY	49.48	Ordinary plc	560	560
23-Jan-2025	The Vanguard Group, Inc.	BUY	49.48	Ordinary plc	434	434
23-Jan-2025	The Vanguard Group, Inc.	SELL	49.58	Ordinary plc	(1,158)	(1,158)
23-Jan-2025	The Vanguard Group, Inc.	BUY	49.48	Ordinary plc	252	252
23-Jan-2025	The Vanguard Group, Inc.	BUY	49.51	Ordinary plc	273	273
24-Jan-2025	The Vanguard Group, Inc.	BUY	118.33	Ordinary Limited	150	150
24-Jan-2025	The Vanguard Group, Inc.	BUY	118.33	Ordinary Limited	181	181
24-Jan-2025	The Vanguard Group, Inc.	BUY	117.94	Ordinary Limited	4,825	4,825
24-Jan-2025	The Vanguard Group, Inc.	BUY	49.87	Ordinary plc	434	434
24-Jan-2025	The Vanguard Group, Inc.	BUY	50.41	Ordinary plc	8,592	8,592
24-Jan-2025	The Vanguard Group, Inc.	BUY	49.87	Ordinary plc	519	519
24-Jan-2025	The Vanguard Group, Inc.	BUY	49.87	Ordinary plc	7,141	7,141
24-Jan-2025	The Vanguard Group, Inc.	BUY	50.37	Ordinary plc	12,541	12,541
24-Jan-2025	The Vanguard Group, Inc.	BUY	49.87	Ordinary plc	1,111	1,111
24-Jan-2025	The Vanguard Group, Inc.	SELL	49.87	Ordinary plc	(4,042)	(4,042)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
27-Jan-2025	The Vanguard Group, Inc.	BUY	49.00	Ordinary plc	1,351	1,351
27-Jan-2025	The Vanguard Group, Inc.	BUY	48.93	Ordinary plc	601	601
28-Jan-2025	The Vanguard Group, Inc.	BUY	117.68	Ordinary Limited	150	150
28-Jan-2025	The Vanguard Group, Inc.	BUY	117.83	Ordinary Limited	439	439
28-Jan-2025	The Vanguard Group, Inc.	BUY	48.13	Ordinary plc	1,464	1,464
28-Jan-2025	The Vanguard Group, Inc.	BUY	48.13	Ordinary plc	434	434
29-Jan-2025	The Vanguard Group, Inc.	BUY	116.23	Ordinary Limited	76	76
29-Jan-2025	The Vanguard Group, Inc.	SELL	116.35	Ordinary Limited	(672)	(672)
29-Jan-2025	The Vanguard Group, Inc.	BUY	48.45	Ordinary plc	558	558
29-Jan-2025	The Vanguard Group, Inc.	BUY	48.45	Ordinary plc	227	227
29-Jan-2025	The Vanguard Group, Inc.	SELL	48.10	Ordinary plc	(772)	(772)
29-Jan-2025	The Vanguard Group, Inc.	SELL	47.97	Ordinary plc	(1,635)	(1,635)
29-Jan-2025	The Vanguard Group, Inc.	BUY	48.24	Ordinary plc	283	283
30-Jan-2025	The Vanguard Group, Inc.	BUY	117.05	Ordinary Limited	147	147
30-Jan-2025	The Vanguard Group, Inc.	BUY	117.05	Ordinary Limited	343	343
30-Jan-2025	The Vanguard Group, Inc.	BUY	117.05	Ordinary Limited	343	343
30-Jan-2025	The Vanguard Group, Inc.	BUY	48.61	Ordinary plc	336	336
30-Jan-2025	The Vanguard Group, Inc.	BUY	48.61	Ordinary plc	784	784
30-Jan-2025	The Vanguard Group, Inc.	BUY	48.61	Ordinary plc	784	784
31-Jan-2025	The Vanguard Group, Inc.	BUY	117.40	Ordinary Limited	240	240
31-Jan-2025	The Vanguard Group, Inc.	BUY	117.40	Ordinary Limited	557	557
31-Jan-2025	The Vanguard Group, Inc.	BUY	118.10	Ordinary Limited	276	276
31-Jan-2025	The Vanguard Group, Inc.	BUY	117.40	Ordinary Limited	71	71
31-Jan-2025	The Vanguard Group, Inc.	BUY	48.91	Ordinary plc	11,526	11,526
31-Jan-2025	The Vanguard Group, Inc.	BUY	48.91	Ordinary plc	717	717
31-Jan-2025	The Vanguard Group, Inc.	BUY	48.91	Ordinary plc	558	558
31-Jan-2025	The Vanguard Group, Inc.	BUY	48.91	Ordinary plc	1,880	1,880
31-Jan-2025	The Vanguard Group, Inc.	BUY	48.91	Ordinary plc	530	530
31-Jan-2025	The Vanguard Group, Inc.	BUY	48.59	Ordinary plc	957	957
3-Feb-2025	The Vanguard Group, Inc.	BUY	114.91	Ordinary Limited	76	76
3-Feb-2025	The Vanguard Group, Inc.	SELL	115.78	Ordinary Limited	(840)	(840)
3-Feb-2025	The Vanguard Group, Inc.	SELL	115.00	Ordinary Limited	(5,686)	(5,686)
3-Feb-2025	The Vanguard Group, Inc.	BUY	48.36	Ordinary plc	186	186
3-Feb-2025	The Vanguard Group, Inc.	SELL	48.20	Ordinary plc	(965)	(965)
3-Feb-2025	The Vanguard Group, Inc.	BUY	48.36	Ordinary plc	4,897	4,897
3-Feb-2025	The Vanguard Group, Inc.	BUY	48.36	Ordinary plc	3,295	3,295
4-Feb-2025	The Vanguard Group, Inc.	BUY	116.76	Ordinary Limited	92	92
4-Feb-2025	The Vanguard Group, Inc.	BUY	116.76	Ordinary Limited	98	98
4-Feb-2025	The Vanguard Group, Inc.	BUY	116.76	Ordinary Limited	320	320
4-Feb-2025	The Vanguard Group, Inc.	BUY	116.93	Ordinary Limited	9,899	9,899
4-Feb-2025	The Vanguard Group, Inc.	BUY	116.93	Ordinary Limited	3,008	3,008
4-Feb-2025	The Vanguard Group, Inc.	BUY	116.93	Ordinary Limited	342	342
4-Feb-2025	The Vanguard Group, Inc.	BUY	116.93	Ordinary Limited	3,911	3,911
4-Feb-2025	The Vanguard Group, Inc.	BUY	48.79	Ordinary plc	224	224
4-Feb-2025	The Vanguard Group, Inc.	BUY	48.79	Ordinary plc	254	254
4-Feb-2025	The Vanguard Group, Inc.	BUY	48.79	Ordinary plc	956	956
4-Feb-2025	The Vanguard Group, Inc.	BUY	48.79	Ordinary plc	488	488
4-Feb-2025	The Vanguard Group, Inc.	BUY	48.42	Ordinary plc	15,305	15,305
4-Feb-2025	The Vanguard Group, Inc.	BUY	48.42	Ordinary plc	11,317	11,317
4-Feb-2025	The Vanguard Group, Inc.	BUY	48.42	Ordinary plc	1,054	1,054
5-Feb-2025	The Vanguard Group, Inc.	BUY	118.30	Ordinary Limited	2,055	2,055
5-Feb-2025	The Vanguard Group, Inc.	BUY	118.98	Ordinary Limited	3,812	3,812
5-Feb-2025	The Vanguard Group, Inc.	BUY	49.00	Ordinary plc	196	196
5-Feb-2025	The Vanguard Group, Inc.	BUY	49.00	Ordinary plc	976	976
5-Feb-2025	The Vanguard Group, Inc.	BUY	48.96	Ordinary plc	6,766	6,766
5-Feb-2025	The Vanguard Group, Inc.	BUY	49.00	Ordinary plc	879	879
5-Feb-2025	The Vanguard Group, Inc.	BUY	49.00	Ordinary plc	911	911
6-Feb-2025	The Vanguard Group, Inc.	BUY	120.18	Ordinary Limited	147	147
6-Feb-2025	The Vanguard Group, Inc.	BUY	120.18	Ordinary Limited	460	460
6-Feb-2025	The Vanguard Group, Inc.	BUY	120.18	Ordinary Limited	539	539
6-Feb-2025	The Vanguard Group, Inc.	BUY	120.18	Ordinary Limited	178	178
6-Feb-2025	The Vanguard Group, Inc.	BUY	120.18	Ordinary Limited	85	85
6-Feb-2025	The Vanguard Group, Inc.	BUY	50.26	Ordinary plc	336	336
6-Feb-2025	The Vanguard Group, Inc.	BUY	50.26	Ordinary plc	1,232	1,232
6-Feb-2025	The Vanguard Group, Inc.	BUY	50.26	Ordinary plc	1,270	1,270
6-Feb-2025	The Vanguard Group, Inc.	BUY	50.26	Ordinary plc	434	434
6-Feb-2025	The Vanguard Group, Inc.	BUY	49.95	Ordinary plc	13,524	13,524
6-Feb-2025	The Vanguard Group, Inc.	BUY	50.26	Ordinary plc	240	240
6-Feb-2025	The Vanguard Group, Inc.	BUY	50.26	Ordinary plc	636	636
7-Feb-2025	The Vanguard Group, Inc.	BUY	120.77	Ordinary Limited	160	160
7-Feb-2025	The Vanguard Group, Inc.	BUY	120.77	Ordinary Limited	455	455

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
7-Feb-2025	The Vanguard Group, Inc.	BUY	50.15	Ordinary plc	3,536	3,536
7-Feb-2025	The Vanguard Group, Inc.	BUY	50.15	Ordinary plc	478	478
7-Feb-2025	The Vanguard Group, Inc.	BUY	50.15	Ordinary plc	335	335
10-Feb-2025	The Vanguard Group, Inc.	SELL	50.17	Ordinary plc	(41,737)	(41,737)
10-Feb-2025	The Vanguard Group, Inc.	SELL	50.27	Ordinary plc	(210)	(210)
10-Feb-2025	The Vanguard Group, Inc.	SELL	50.20	Ordinary plc	(196)	(196)
10-Feb-2025	The Vanguard Group, Inc.	BUY	50.16	Ordinary plc	976	976
10-Feb-2025	The Vanguard Group, Inc.	BUY	50.13	Ordinary plc	3,528	3,528
10-Feb-2025	The Vanguard Group, Inc.	SELL	50.17	Ordinary plc	(558,337)	(558,337)
10-Feb-2025	The Vanguard Group, Inc.	SELL	50.20	Ordinary plc	(2,625)	(2,625)
10-Feb-2025	The Vanguard Group, Inc.	SELL	50.27	Ordinary plc	(2,806)	(2,806)
10-Feb-2025	The Vanguard Group, Inc.	BUY	50.16	Ordinary plc	7,886	7,886
10-Feb-2025	The Vanguard Group, Inc.	SELL	50.27	Ordinary plc	(11)	(11)
10-Feb-2025	The Vanguard Group, Inc.	SELL	50.17	Ordinary plc	(2,125)	(2,125)
10-Feb-2025	The Vanguard Group, Inc.	SELL	50.20	Ordinary plc	(10)	(10)
11-Feb-2025	The Vanguard Group, Inc.	BUY	49.54	Ordinary plc	3,644	3,644
12-Feb-2025	The Vanguard Group, Inc.	BUY	119.00	Ordinary Limited	98	98
12-Feb-2025	The Vanguard Group, Inc.	BUY	119.00	Ordinary Limited	53	53
12-Feb-2025	The Vanguard Group, Inc.	BUY	49.99	Ordinary plc	224	224
12-Feb-2025	The Vanguard Group, Inc.	BUY	50.00	Ordinary plc	4,704	4,704
12-Feb-2025	The Vanguard Group, Inc.	BUY	49.99	Ordinary plc	85	85
13-Feb-2025	The Vanguard Group, Inc.	BUY	120.35	Ordinary Limited	49	49
13-Feb-2025	The Vanguard Group, Inc.	BUY	120.35	Ordinary Limited	196	196
13-Feb-2025	The Vanguard Group, Inc.	BUY	120.35	Ordinary Limited	245	245
13-Feb-2025	The Vanguard Group, Inc.	BUY	120.35	Ordinary Limited	490	490
13-Feb-2025	The Vanguard Group, Inc.	BUY	120.35	Ordinary Limited	178	178
13-Feb-2025	The Vanguard Group, Inc.	BUY	121.78	Ordinary Limited	7,106	7,106
13-Feb-2025	The Vanguard Group, Inc.	BUY	120.36	Ordinary Limited	57	57
13-Feb-2025	The Vanguard Group, Inc.	BUY	120.35	Ordinary Limited	4,321	4,321
13-Feb-2025	The Vanguard Group, Inc.	BUY	50.39	Ordinary plc	79	79
13-Feb-2025	The Vanguard Group, Inc.	BUY	50.39	Ordinary plc	112	112
13-Feb-2025	The Vanguard Group, Inc.	BUY	50.39	Ordinary plc	448	448
13-Feb-2025	The Vanguard Group, Inc.	BUY	50.39	Ordinary plc	560	560
13-Feb-2025	The Vanguard Group, Inc.	BUY	50.39	Ordinary plc	1,120	1,120
13-Feb-2025	The Vanguard Group, Inc.	BUY	50.39	Ordinary plc	434	434
13-Feb-2025	The Vanguard Group, Inc.	BUY	50.39	Ordinary plc	232	232
13-Feb-2025	The Vanguard Group, Inc.	BUY	50.23	Ordinary plc	9,362	9,362
14-Feb-2025	The Vanguard Group, Inc.	BUY	121.17	Ordinary Limited	160	160
14-Feb-2025	The Vanguard Group, Inc.	BUY	121.17	Ordinary Limited	2,820	2,820
14-Feb-2025	The Vanguard Group, Inc.	BUY	120.67	Ordinary Limited	1,395	1,395
14-Feb-2025	The Vanguard Group, Inc.	BUY	120.67	Ordinary Limited	5,952	5,952
14-Feb-2025	The Vanguard Group, Inc.	BUY	121.50	Ordinary Limited	618	618
14-Feb-2025	The Vanguard Group, Inc.	BUY	50.54	Ordinary plc	478	478
14-Feb-2025	The Vanguard Group, Inc.	BUY	50.53	Ordinary plc	5,890	5,890
14-Feb-2025	The Vanguard Group, Inc.	BUY	50.53	Ordinary plc	5,890	5,890
14-Feb-2025	The Vanguard Group, Inc.	BUY	50.53	Ordinary plc	12,096	12,096
14-Feb-2025	The Vanguard Group, Inc.	BUY	50.53	Ordinary plc	2,835	2,835
14-Feb-2025	The Vanguard Group, Inc.	BUY	51.29	Ordinary plc	1,422	1,422
14-Feb-2025	The Vanguard Group, Inc.	BUY	50.54	Ordinary plc	913	913
17-Feb-2025	The Vanguard Group, Inc.	SELL	50.90	Ordinary plc	(19,437)	(19,437)
17-Feb-2025	The Vanguard Group, Inc.	BUY	50.85	Ordinary plc	976	976
17-Feb-2025	The Vanguard Group, Inc.	BUY	50.85	Ordinary plc	558	558
18-Feb-2025	The Vanguard Group, Inc.	BUY	120.66	Ordinary Limited	80	80
18-Feb-2025	The Vanguard Group, Inc.	BUY	120.66	Ordinary Limited	800	800
18-Feb-2025	The Vanguard Group, Inc.	BUY	120.46	Ordinary Limited	616	616
18-Feb-2025	The Vanguard Group, Inc.	BUY	120.66	Ordinary Limited	89	89
18-Feb-2025	The Vanguard Group, Inc.	BUY	120.70	Ordinary Limited	1,488	1,488
18-Feb-2025	The Vanguard Group, Inc.	BUY	50.81	Ordinary plc	239	239
18-Feb-2025	The Vanguard Group, Inc.	BUY	50.81	Ordinary plc	2,390	2,390
18-Feb-2025	The Vanguard Group, Inc.	BUY	50.81	Ordinary plc	217	217
18-Feb-2025	The Vanguard Group, Inc.	BUY	50.83	Ordinary plc	9,408	9,408
18-Feb-2025	The Vanguard Group, Inc.	BUY	50.83	Ordinary plc	3,024	3,024
19-Feb-2025	The Vanguard Group, Inc.	BUY	121.95	Ordinary Limited	98	98
19-Feb-2025	The Vanguard Group, Inc.	BUY	121.95	Ordinary Limited	240	240
19-Feb-2025	The Vanguard Group, Inc.	BUY	121.04	Ordinary Limited	3,348	3,348
19-Feb-2025	The Vanguard Group, Inc.	BUY	121.95	Ordinary Limited	2,112	2,112
19-Feb-2025	The Vanguard Group, Inc.	BUY	50.36	Ordinary plc	224	224
19-Feb-2025	The Vanguard Group, Inc.	BUY	50.36	Ordinary plc	717	717
19-Feb-2025	The Vanguard Group, Inc.	BUY	50.19	Ordinary plc	6,804	6,804
19-Feb-2025	The Vanguard Group, Inc.	BUY	50.36	Ordinary plc	7,764	7,764
19-Feb-2025	The Vanguard Group, Inc.	BUY	50.36	Ordinary plc	942	942

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20-Feb-2025	The Vanguard Group, Inc.	BUY	120.09	Ordinary Limited	196	196
20-Feb-2025	The Vanguard Group, Inc.	BUY	120.09	Ordinary Limited	368	368
20-Feb-2025	The Vanguard Group, Inc.	BUY	120.09	Ordinary Limited	490	490
20-Feb-2025	The Vanguard Group, Inc.	BUY	120.09	Ordinary Limited	1,305	1,305
20-Feb-2025	The Vanguard Group, Inc.	BUY	121.14	Ordinary Limited	5,574	5,574
20-Feb-2025	The Vanguard Group, Inc.	BUY	121.04	Ordinary Limited	2,790	2,790
20-Feb-2025	The Vanguard Group, Inc.	BUY	50.62	Ordinary plc	448	448
20-Feb-2025	The Vanguard Group, Inc.	BUY	50.62	Ordinary plc	1,016	1,016
20-Feb-2025	The Vanguard Group, Inc.	BUY	50.62	Ordinary plc	1,120	1,120
20-Feb-2025	The Vanguard Group, Inc.	BUY	50.62	Ordinary plc	1,952	1,952
20-Feb-2025	The Vanguard Group, Inc.	BUY	50.62	Ordinary plc	2,555	2,555
20-Feb-2025	The Vanguard Group, Inc.	BUY	50.71	Ordinary plc	9,168	9,168
20-Feb-2025	The Vanguard Group, Inc.	BUY	50.95	Ordinary plc	5,670	5,670
20-Feb-2025	The Vanguard Group, Inc.	BUY	50.71	Ordinary plc	797	797
21-Feb-2025	The Vanguard Group, Inc.	BUY	123.49	Ordinary Limited	240	240
21-Feb-2025	The Vanguard Group, Inc.	BUY	123.49	Ordinary Limited	372	372
21-Feb-2025	The Vanguard Group, Inc.	BUY	122.84	Ordinary Limited	424	424
21-Feb-2025	The Vanguard Group, Inc.	BUY	50.82	Ordinary plc	717	717
21-Feb-2025	The Vanguard Group, Inc.	BUY	50.44	Ordinary plc	1,344	1,344
24-Feb-2025	The Vanguard Group, Inc.	BUY	118.82	Ordinary Limited	465	465
24-Feb-2025	The Vanguard Group, Inc.	BUY	118.82	Ordinary Limited	788	788
24-Feb-2025	The Vanguard Group, Inc.	BUY	119.40	Ordinary Limited	4,031	4,031
24-Feb-2025	The Vanguard Group, Inc.	SELL	50.07	Ordinary plc	(4,880)	(4,880)
24-Feb-2025	The Vanguard Group, Inc.	BUY	49.62	Ordinary plc	14,136	14,136
24-Feb-2025	The Vanguard Group, Inc.	BUY	49.62	Ordinary plc	8,835	8,835
24-Feb-2025	The Vanguard Group, Inc.	BUY	49.62	Ordinary plc	945	945
24-Feb-2025	The Vanguard Group, Inc.	BUY	49.62	Ordinary plc	2,276	2,276
24-Feb-2025	The Vanguard Group, Inc.	BUY	50.07	Ordinary plc	1,776	1,776
25-Feb-2025	The Vanguard Group, Inc.	BUY	119.06	Ordinary Limited	49	49
25-Feb-2025	The Vanguard Group, Inc.	BUY	119.06	Ordinary Limited	147	147
25-Feb-2025	The Vanguard Group, Inc.	BUY	119.06	Ordinary Limited	196	196
25-Feb-2025	The Vanguard Group, Inc.	BUY	119.06	Ordinary Limited	196	196
25-Feb-2025	The Vanguard Group, Inc.	BUY	119.06	Ordinary Limited	87	87
25-Feb-2025	The Vanguard Group, Inc.	BUY	118.79	Ordinary Limited	426	426
25-Feb-2025	The Vanguard Group, Inc.	BUY	119.06	Ordinary Limited	547	547
25-Feb-2025	The Vanguard Group, Inc.	BUY	119.60	Ordinary Limited	718	718
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	191	191
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	112	112
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	336	336
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	448	448
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	159	159
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.73	Ordinary plc	1,344	1,344
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.73	Ordinary plc	4,704	4,704
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.73	Ordinary plc	2,352	2,352
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.73	Ordinary plc	5,880	5,880
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	956	956
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.97	Ordinary plc	902	902
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	1,722	1,722
25-Feb-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	5,915	5,915
26-Feb-2025	The Vanguard Group, Inc.	BUY	115.02	Ordinary Limited	98	98
26-Feb-2025	The Vanguard Group, Inc.	SELL	115.02	Ordinary Limited	(1,488)	(1,488)
26-Feb-2025	The Vanguard Group, Inc.	BUY	114.90	Ordinary Limited	1,600	1,600
26-Feb-2025	The Vanguard Group, Inc.	BUY	115.02	Ordinary Limited	144	144
26-Feb-2025	The Vanguard Group, Inc.	BUY	114.90	Ordinary Limited	4,464	4,464
26-Feb-2025	The Vanguard Group, Inc.	BUY	114.90	Ordinary Limited	788	788
26-Feb-2025	The Vanguard Group, Inc.	BUY	117.14	Ordinary Limited	4,864	4,864
26-Feb-2025	The Vanguard Group, Inc.	BUY	48.85	Ordinary plc	235	235
26-Feb-2025	The Vanguard Group, Inc.	BUY	48.85	Ordinary plc	224	224
26-Feb-2025	The Vanguard Group, Inc.	BUY	48.85	Ordinary plc	5,022	5,022
26-Feb-2025	The Vanguard Group, Inc.	BUY	48.85	Ordinary plc	9,269	9,269
26-Feb-2025	The Vanguard Group, Inc.	BUY	48.44	Ordinary plc	8,835	8,835
26-Feb-2025	The Vanguard Group, Inc.	BUY	48.85	Ordinary plc	420	420
26-Feb-2025	The Vanguard Group, Inc.	BUY	48.44	Ordinary plc	9,072	9,072
26-Feb-2025	The Vanguard Group, Inc.	BUY	48.85	Ordinary plc	7,273	7,273
26-Feb-2025	The Vanguard Group, Inc.	BUY	48.44	Ordinary plc	2,268	2,268
27-Feb-2025	The Vanguard Group, Inc.	BUY	116.69	Ordinary Limited	55	55
27-Feb-2025	The Vanguard Group, Inc.	BUY	116.69	Ordinary Limited	65	65
27-Feb-2025	The Vanguard Group, Inc.	BUY	48.19	Ordinary plc	207	207
27-Feb-2025	The Vanguard Group, Inc.	BUY	47.94	Ordinary plc	4,123	4,123
27-Feb-2025	The Vanguard Group, Inc.	BUY	47.94	Ordinary plc	8,835	8,835
27-Feb-2025	The Vanguard Group, Inc.	BUY	48.19	Ordinary plc	101	101

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27-Feb-2025	The Vanguard Group, Inc.	BUY	48.19	Ordinary plc	948	948
27-Feb-2025	The Vanguard Group, Inc.	BUY	48.19	Ordinary plc	1,178	1,178
28-Feb-2025	The Vanguard Group, Inc.	BUY	113.37	Ordinary Limited	12,224	12,224
28-Feb-2025	The Vanguard Group, Inc.	BUY	113.37	Ordinary Limited	400	400
28-Feb-2025	The Vanguard Group, Inc.	BUY	47.94	Ordinary plc	1,195	1,195
28-Feb-2025	The Vanguard Group, Inc.	BUY	47.94	Ordinary plc	12,433	12,433
28-Feb-2025	The Vanguard Group, Inc.	BUY	47.94	Ordinary plc	8,352	8,352
28-Feb-2025	The Vanguard Group, Inc.	BUY	47.94	Ordinary plc	597	597
3-Mar-2025	The Vanguard Group, Inc.	BUY	117.41	Ordinary Limited	196	196
3-Mar-2025	The Vanguard Group, Inc.	BUY	117.41	Ordinary Limited	532	532
3-Mar-2025	The Vanguard Group, Inc.	BUY	48.77	Ordinary plc	448	448
3-Mar-2025	The Vanguard Group, Inc.	BUY	48.07	Ordinary plc	8,835	8,835
3-Mar-2025	The Vanguard Group, Inc.	BUY	48.77	Ordinary plc	385	385
4-Mar-2025	The Vanguard Group, Inc.	BUY	117.18	Ordinary Limited	92	92
4-Mar-2025	The Vanguard Group, Inc.	BUY	117.18	Ordinary Limited	147	147
4-Mar-2025	The Vanguard Group, Inc.	BUY	116.55	Ordinary Limited	528	528
4-Mar-2025	The Vanguard Group, Inc.	BUY	48.50	Ordinary plc	254	254
4-Mar-2025	The Vanguard Group, Inc.	BUY	48.50	Ordinary plc	336	336
4-Mar-2025	The Vanguard Group, Inc.	SELL	48.44	Ordinary plc	(63,257)	(63,257)
4-Mar-2025	The Vanguard Group, Inc.	BUY	48.59	Ordinary plc	331	331
5-Mar-2025	The Vanguard Group, Inc.	BUY	117.50	Ordinary Limited	160	160
5-Mar-2025	The Vanguard Group, Inc.	BUY	117.50	Ordinary Limited	55	55
5-Mar-2025	The Vanguard Group, Inc.	BUY	118.78	Ordinary Limited	2,325	2,325
5-Mar-2025	The Vanguard Group, Inc.	BUY	118.78	Ordinary Limited	2,883	2,883
5-Mar-2025	The Vanguard Group, Inc.	BUY	117.50	Ordinary Limited	5,455	5,455
5-Mar-2025	The Vanguard Group, Inc.	SELL	118.40	Ordinary Limited	(273)	(273)
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.04	Ordinary plc	478	478
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.04	Ordinary plc	1,890	1,890
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.54	Ordinary plc	11,780	11,780
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.54	Ordinary plc	15,903	15,903
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.04	Ordinary plc	5,662	5,662
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.04	Ordinary plc	235	235
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.10	Ordinary plc	23,115	23,115
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.54	Ordinary plc	4,725	4,725
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.54	Ordinary plc	5,859	5,859
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.04	Ordinary plc	12,711	12,711
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.04	Ordinary plc	885	885
5-Mar-2025	The Vanguard Group, Inc.	BUY	49.04	Ordinary plc	1,151	1,151
5-Mar-2025	The Vanguard Group, Inc.	SELL	49.15	Ordinary plc	(563)	(563)
6-Mar-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	49	49
6-Mar-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	392	392
6-Mar-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	735	735
6-Mar-2025	The Vanguard Group, Inc.	BUY	114.33	Ordinary Limited	3,627	3,627
6-Mar-2025	The Vanguard Group, Inc.	BUY	114.33	Ordinary Limited	594	594
6-Mar-2025	The Vanguard Group, Inc.	BUY	47.91	Ordinary plc	435	435
6-Mar-2025	The Vanguard Group, Inc.	BUY	47.91	Ordinary plc	112	112
6-Mar-2025	The Vanguard Group, Inc.	BUY	47.91	Ordinary plc	896	896
6-Mar-2025	The Vanguard Group, Inc.	BUY	47.91	Ordinary plc	1,680	1,680
6-Mar-2025	The Vanguard Group, Inc.	BUY	47.53	Ordinary plc	4,123	4,123
6-Mar-2025	The Vanguard Group, Inc.	BUY	47.53	Ordinary plc	20,026	20,026
6-Mar-2025	The Vanguard Group, Inc.	BUY	47.53	Ordinary plc	7,371	7,371
6-Mar-2025	The Vanguard Group, Inc.	BUY	47.91	Ordinary plc	949	949
6-Mar-2025	The Vanguard Group, Inc.	BUY	47.53	Ordinary plc	1,707	1,707
6-Mar-2025	The Vanguard Group, Inc.	BUY	47.91	Ordinary plc	1,554	1,554
6-Mar-2025	The Vanguard Group, Inc.	BUY	48.06	Ordinary plc	226	226
7-Mar-2025	The Vanguard Group, Inc.	BUY	115.20	Ordinary Limited	240	240
7-Mar-2025	The Vanguard Group, Inc.	BUY	115.20	Ordinary Limited	178	178
7-Mar-2025	The Vanguard Group, Inc.	BUY	115.20	Ordinary Limited	56	56
7-Mar-2025	The Vanguard Group, Inc.	BUY	116.25	Ordinary Limited	1,395	1,395
7-Mar-2025	The Vanguard Group, Inc.	BUY	115.20	Ordinary Limited	685	685
7-Mar-2025	The Vanguard Group, Inc.	BUY	116.25	Ordinary Limited	1,980	1,980
7-Mar-2025	The Vanguard Group, Inc.	BUY	48.03	Ordinary plc	717	717
7-Mar-2025	The Vanguard Group, Inc.	BUY	48.03	Ordinary plc	390	390
7-Mar-2025	The Vanguard Group, Inc.	BUY	48.60	Ordinary plc	1,767	1,767
7-Mar-2025	The Vanguard Group, Inc.	BUY	48.03	Ordinary plc	213	213
7-Mar-2025	The Vanguard Group, Inc.	BUY	48.60	Ordinary plc	2,835	2,835
7-Mar-2025	The Vanguard Group, Inc.	BUY	48.03	Ordinary plc	329	329
7-Mar-2025	The Vanguard Group, Inc.	BUY	48.60	Ordinary plc	5,690	5,690
10-Mar-2025	The Vanguard Group, Inc.	BUY	118.00	Ordinary Limited	672	672
10-Mar-2025	The Vanguard Group, Inc.	BUY	118.72	Ordinary Limited	97	97
10-Mar-2025	The Vanguard Group, Inc.	BUY	48.29	Ordinary plc	119	119

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
10-Mar-2025	The Vanguard Group, Inc.	BUY	48.22	Ordinary plc	772	772
10-Mar-2025	The Vanguard Group, Inc.	BUY	48.22	Ordinary plc	5,890	5,890
10-Mar-2025	The Vanguard Group, Inc.	BUY	48.22	Ordinary plc	5,890	5,890
10-Mar-2025	The Vanguard Group, Inc.	BUY	48.29	Ordinary plc	200	200
11-Mar-2025	The Vanguard Group, Inc.	BUY	119.34	Ordinary Limited	392	392
11-Mar-2025	The Vanguard Group, Inc.	SELL	118.54	Ordinary Limited	(6,080)	(6,080)
11-Mar-2025	The Vanguard Group, Inc.	BUY	118.54	Ordinary Limited	3,348	3,348
11-Mar-2025	The Vanguard Group, Inc.	BUY	118.38	Ordinary Limited	5,051	5,051
11-Mar-2025	The Vanguard Group, Inc.	BUY	47.60	Ordinary plc	896	896
11-Mar-2025	The Vanguard Group, Inc.	BUY	47.62	Ordinary plc	10,602	10,602
11-Mar-2025	The Vanguard Group, Inc.	BUY	48.47	Ordinary plc	2,014	2,014
11-Mar-2025	The Vanguard Group, Inc.	BUY	47.62	Ordinary plc	5,890	5,890
11-Mar-2025	The Vanguard Group, Inc.	BUY	47.62	Ordinary plc	6,804	6,804
11-Mar-2025	The Vanguard Group, Inc.	SELL	47.69	Ordinary plc	(6,980)	(6,980)
11-Mar-2025	The Vanguard Group, Inc.	SELL	47.69	Ordinary plc	(31,772)	(31,772)
12-Mar-2025	The Vanguard Group, Inc.	BUY	117.22	Ordinary Limited	55	55
12-Mar-2025	The Vanguard Group, Inc.	BUY	117.73	Ordinary Limited	1,791	1,791
12-Mar-2025	The Vanguard Group, Inc.	BUY	46.82	Ordinary plc	14,725	14,725
12-Mar-2025	The Vanguard Group, Inc.	BUY	46.91	Ordinary plc	126	126
12-Mar-2025	The Vanguard Group, Inc.	BUY	46.82	Ordinary plc	5,103	5,103
13-Mar-2025	The Vanguard Group, Inc.	BUY	115.99	Ordinary Limited	230	230
13-Mar-2025	The Vanguard Group, Inc.	BUY	115.99	Ordinary Limited	230	230
13-Mar-2025	The Vanguard Group, Inc.	BUY	115.99	Ordinary Limited	230	230
13-Mar-2025	The Vanguard Group, Inc.	BUY	115.99	Ordinary Limited	160	160
13-Mar-2025	The Vanguard Group, Inc.	SELL	116.32	Ordinary Limited	(2,012)	(2,012)
13-Mar-2025	The Vanguard Group, Inc.	BUY	47.30	Ordinary plc	334	334
13-Mar-2025	The Vanguard Group, Inc.	BUY	47.30	Ordinary plc	448	448
13-Mar-2025	The Vanguard Group, Inc.	BUY	47.30	Ordinary plc	635	635
13-Mar-2025	The Vanguard Group, Inc.	BUY	47.30	Ordinary plc	478	478
13-Mar-2025	The Vanguard Group, Inc.	BUY	47.32	Ordinary plc	11,191	11,191
13-Mar-2025	The Vanguard Group, Inc.	SELL	46.77	Ordinary plc	(2,495)	(2,495)
13-Mar-2025	The Vanguard Group, Inc.	BUY	47.30	Ordinary plc	549	549
14-Mar-2025	The Vanguard Group, Inc.	BUY	117.10	Ordinary Limited	49	49
14-Mar-2025	The Vanguard Group, Inc.	BUY	118.20	Ordinary Limited	3,930	3,930
14-Mar-2025	The Vanguard Group, Inc.	BUY	117.10	Ordinary Limited	54	54
14-Mar-2025	The Vanguard Group, Inc.	BUY	118.20	Ordinary Limited	2,232	2,232
14-Mar-2025	The Vanguard Group, Inc.	SELL	117.37	Ordinary Limited	(4,074)	(4,074)
14-Mar-2025	The Vanguard Group, Inc.	BUY	117.85	Ordinary Limited	3,959	3,959
14-Mar-2025	The Vanguard Group, Inc.	BUY	48.18	Ordinary plc	273	273
14-Mar-2025	The Vanguard Group, Inc.	BUY	48.18	Ordinary plc	112	112
14-Mar-2025	The Vanguard Group, Inc.	BUY	48.67	Ordinary plc	11,690	11,690
14-Mar-2025	The Vanguard Group, Inc.	BUY	48.67	Ordinary plc	7,068	7,068
14-Mar-2025	The Vanguard Group, Inc.	BUY	48.18	Ordinary plc	207	207
14-Mar-2025	The Vanguard Group, Inc.	BUY	48.67	Ordinary plc	4,536	4,536
14-Mar-2025	The Vanguard Group, Inc.	SELL	48.04	Ordinary plc	(10,119)	(10,119)
14-Mar-2025	The Vanguard Group, Inc.	BUY	48.18	Ordinary plc	898	898
17-Mar-2025	The Vanguard Group, Inc.	BUY	119.20	Ordinary Limited	320	320
17-Mar-2025	The Vanguard Group, Inc.	BUY	119.20	Ordinary Limited	89	89
17-Mar-2025	The Vanguard Group, Inc.	BUY	120.13	Ordinary Limited	2,139	2,139
17-Mar-2025	The Vanguard Group, Inc.	BUY	120.13	Ordinary Limited	4,371	4,371
17-Mar-2025	The Vanguard Group, Inc.	BUY	120.13	Ordinary Limited	2,000	2,000
17-Mar-2025	The Vanguard Group, Inc.	BUY	120.13	Ordinary Limited	2,000	2,000
17-Mar-2025	The Vanguard Group, Inc.	BUY	48.91	Ordinary plc	956	956
17-Mar-2025	The Vanguard Group, Inc.	BUY	48.91	Ordinary plc	195	195
17-Mar-2025	The Vanguard Group, Inc.	BUY	48.99	Ordinary plc	18,848	18,848
17-Mar-2025	The Vanguard Group, Inc.	BUY	48.99	Ordinary plc	8,883	8,883
17-Mar-2025	The Vanguard Group, Inc.	BUY	48.99	Ordinary plc	4,347	4,347
17-Mar-2025	The Vanguard Group, Inc.	BUY	48.99	Ordinary plc	5,710	5,710
17-Mar-2025	The Vanguard Group, Inc.	BUY	48.99	Ordinary plc	5,710	5,710
18-Mar-2025	The Vanguard Group, Inc.	BUY	119.53	Ordinary Limited	441	441
18-Mar-2025	The Vanguard Group, Inc.	BUY	119.53	Ordinary Limited	89	89
18-Mar-2025	The Vanguard Group, Inc.	BUY	49.07	Ordinary plc	249	249
18-Mar-2025	The Vanguard Group, Inc.	BUY	49.07	Ordinary plc	1,008	1,008
18-Mar-2025	The Vanguard Group, Inc.	BUY	49.07	Ordinary plc	195	195
19-Mar-2025	The Vanguard Group, Inc.	BUY	118.70	Ordinary Limited	202	202
19-Mar-2025	The Vanguard Group, Inc.	BUY	118.70	Ordinary Limited	170	170
19-Mar-2025	The Vanguard Group, Inc.	BUY	119.23	Ordinary Limited	1,176	1,176
19-Mar-2025	The Vanguard Group, Inc.	BUY	118.70	Ordinary Limited	194	194
19-Mar-2025	The Vanguard Group, Inc.	BUY	119.23	Ordinary Limited	800	800
19-Mar-2025	The Vanguard Group, Inc.	BUY	49.07	Ordinary plc	174	174
19-Mar-2025	The Vanguard Group, Inc.	BUY	49.07	Ordinary plc	762	762

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19-Mar-2025	The Vanguard Group, Inc.	BUY	49.07	Ordinary plc	512	512
19-Mar-2025	The Vanguard Group, Inc.	BUY	49.07	Ordinary plc	3,904	3,904
19-Mar-2025	The Vanguard Group, Inc.	BUY	49.07	Ordinary plc	558	558
19-Mar-2025	The Vanguard Group, Inc.	BUY	49.07	Ordinary plc	368	368
19-Mar-2025	The Vanguard Group, Inc.	BUY	49.11	Ordinary plc	1,351	1,351
19-Mar-2025	The Vanguard Group, Inc.	BUY	49.07	Ordinary plc	538	538
19-Mar-2025	The Vanguard Group, Inc.	BUY	49.11	Ordinary plc	2,292	2,292
20-Mar-2025	The Vanguard Group, Inc.	BUY	117.50	Ordinary Limited	196	196
20-Mar-2025	The Vanguard Group, Inc.	BUY	117.50	Ordinary Limited	490	490
20-Mar-2025	The Vanguard Group, Inc.	BUY	117.50	Ordinary Limited	1,792	1,792
20-Mar-2025	The Vanguard Group, Inc.	BUY	117.50	Ordinary Limited	404	404
20-Mar-2025	The Vanguard Group, Inc.	BUY	117.50	Ordinary Limited	1,212	1,212
20-Mar-2025	The Vanguard Group, Inc.	BUY	48.43	Ordinary plc	448	448
20-Mar-2025	The Vanguard Group, Inc.	BUY	48.43	Ordinary plc	1,120	1,120
20-Mar-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	5,384	5,384
20-Mar-2025	The Vanguard Group, Inc.	BUY	48.43	Ordinary plc	12,611	12,611
20-Mar-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	4,712	4,712
20-Mar-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	3,432	3,432
20-Mar-2025	The Vanguard Group, Inc.	BUY	48.40	Ordinary plc	1,144	1,144
21-Mar-2025	The Vanguard Group, Inc.	SELL	118.58	Ordinary Limited	(2,138)	(2,138)
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	240	240
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	29	29
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	824	824
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	76	76
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	96	96
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	2,805	2,805
21-Mar-2025	The Vanguard Group, Inc.	BUY	117.64	Ordinary Limited	1,008	1,008
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	823	823
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	24,175	24,175
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	13	13
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	357	357
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	605	605
21-Mar-2025	The Vanguard Group, Inc.	BUY	117.64	Ordinary Limited	2,790	2,790
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	17,762	17,762
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	311	311
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	9,125	9,125
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	17	17
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	470	470
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	77	77
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	2,222	2,222
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	68	68
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	1,962	1,962
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	17	17
21-Mar-2025	The Vanguard Group, Inc.	BUY	118.58	Ordinary Limited	470	470
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	57,124	57,124
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	643	643
21-Mar-2025	The Vanguard Group, Inc.	SELL	47.57	Ordinary plc	(13,657)	(13,657)
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	717	717
21-Mar-2025	The Vanguard Group, Inc.	SELL	47.57	Ordinary plc	(2,549)	(2,549)
21-Mar-2025	The Vanguard Group, Inc.	SELL	47.57	Ordinary plc	(2,487)	(2,487)
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	976	976
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	10,332	10,332
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	1,952	1,952
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	232	232
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	6,170	6,170
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.70	Ordinary plc	1,158	1,158
21-Mar-2025	The Vanguard Group, Inc.	SELL	47.57	Ordinary plc	(74,532)	(74,532)
21-Mar-2025	The Vanguard Group, Inc.	SELL	47.57	Ordinary plc	(5,493)	(5,493)
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	55,356	55,356
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	20,591	20,591
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	1,117	1,117
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.70	Ordinary plc	5,670	5,670
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	1,692	1,692
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	2,197	2,197
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	1,195	1,195
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	821	821
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	1,494	1,494
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	6,209	6,209
21-Mar-2025	The Vanguard Group, Inc.	BUY	47.57	Ordinary plc	871	871
24-Mar-2025	The Vanguard Group, Inc.	BUY	119.19	Ordinary Limited	2,822	2,822
24-Mar-2025	The Vanguard Group, Inc.	BUY	119.10	Ordinary Limited	111	111

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24-Mar-2025	The Vanguard Group, Inc.	BUY	118.00	Ordinary Limited	591	591
24-Mar-2025	The Vanguard Group, Inc.	BUY	48.15	Ordinary plc	2,516	2,516
24-Mar-2025	The Vanguard Group, Inc.	BUY	48.15	Ordinary plc	18,383	18,383
24-Mar-2025	The Vanguard Group, Inc.	BUY	48.28	Ordinary plc	264	264
24-Mar-2025	The Vanguard Group, Inc.	BUY	48.76	Ordinary plc	1,087	1,087
25-Mar-2025	The Vanguard Group, Inc.	BUY	118.78	Ordinary Limited	276	276
25-Mar-2025	The Vanguard Group, Inc.	BUY	118.78	Ordinary Limited	276	276
25-Mar-2025	The Vanguard Group, Inc.	BUY	118.78	Ordinary Limited	72	72
25-Mar-2025	The Vanguard Group, Inc.	BUY	118.78	Ordinary Limited	76	76
25-Mar-2025	The Vanguard Group, Inc.	BUY	118.96	Ordinary Limited	559	559
25-Mar-2025	The Vanguard Group, Inc.	BUY	119.43	Ordinary Limited	594	594
25-Mar-2025	The Vanguard Group, Inc.	BUY	48.56	Ordinary plc	762	762
25-Mar-2025	The Vanguard Group, Inc.	BUY	48.56	Ordinary plc	1,952	1,952
25-Mar-2025	The Vanguard Group, Inc.	BUY	48.56	Ordinary plc	225	225
25-Mar-2025	The Vanguard Group, Inc.	BUY	48.56	Ordinary plc	232	232
25-Mar-2025	The Vanguard Group, Inc.	BUY	47.92	Ordinary plc	1,457	1,457
25-Mar-2025	The Vanguard Group, Inc.	BUY	48.52	Ordinary plc	1,704	1,704
25-Mar-2025	The Vanguard Group, Inc.	BUY	47.92	Ordinary plc	6,703	6,703
25-Mar-2025	The Vanguard Group, Inc.	BUY	48.56	Ordinary plc	2,687	2,687
25-Mar-2025	The Vanguard Group, Inc.	BUY	48.68	Ordinary plc	275	275
26-Mar-2025	The Vanguard Group, Inc.	BUY	119.96	Ordinary Limited	147	147
26-Mar-2025	The Vanguard Group, Inc.	BUY	119.96	Ordinary Limited	400	400
26-Mar-2025	The Vanguard Group, Inc.	BUY	119.96	Ordinary Limited	76	76
26-Mar-2025	The Vanguard Group, Inc.	BUY	119.96	Ordinary Limited	67	67
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.80	Ordinary plc	257	257
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.80	Ordinary plc	465	465
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.80	Ordinary plc	1,195	1,195
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.80	Ordinary plc	232	232
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.72	Ordinary plc	17,790	17,790
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.77	Ordinary plc	6,615	6,615
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.72	Ordinary plc	14,825	14,825
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.80	Ordinary plc	130	130
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.80	Ordinary plc	9,994	9,994
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.80	Ordinary plc	889	889
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.77	Ordinary plc	1,243	1,243
26-Mar-2025	The Vanguard Group, Inc.	BUY	48.80	Ordinary plc	568	568
27-Mar-2025	The Vanguard Group, Inc.	BUY	120.09	Ordinary Limited	245	245
27-Mar-2025	The Vanguard Group, Inc.	BUY	120.09	Ordinary Limited	308	308
27-Mar-2025	The Vanguard Group, Inc.	BUY	120.24	Ordinary Limited	1,458	1,458
27-Mar-2025	The Vanguard Group, Inc.	BUY	120.09	Ordinary Limited	14,129	14,129
27-Mar-2025	The Vanguard Group, Inc.	BUY	120.09	Ordinary Limited	2,775	2,775
27-Mar-2025	The Vanguard Group, Inc.	BUY	120.24	Ordinary Limited	788	788
27-Mar-2025	The Vanguard Group, Inc.	BUY	120.09	Ordinary Limited	536	536
27-Mar-2025	The Vanguard Group, Inc.	BUY	120.35	Ordinary Limited	3,704	3,704
27-Mar-2025	The Vanguard Group, Inc.	BUY	48.14	Ordinary plc	775	775
27-Mar-2025	The Vanguard Group, Inc.	BUY	48.14	Ordinary plc	6,154	6,154
27-Mar-2025	The Vanguard Group, Inc.	BUY	48.14	Ordinary plc	14,661	14,661
27-Mar-2025	The Vanguard Group, Inc.	BUY	48.14	Ordinary plc	122	122
27-Mar-2025	The Vanguard Group, Inc.	BUY	48.14	Ordinary plc	9,644	9,644
27-Mar-2025	The Vanguard Group, Inc.	BUY	48.02	Ordinary plc	3,384	3,384
27-Mar-2025	The Vanguard Group, Inc.	BUY	48.14	Ordinary plc	20,570	20,570
27-Mar-2025	The Vanguard Group, Inc.	BUY	48.14	Ordinary plc	1,905	1,905
27-Mar-2025	The Vanguard Group, Inc.	BUY	48.02	Ordinary plc	2,268	2,268
27-Mar-2025	The Vanguard Group, Inc.	BUY	48.14	Ordinary plc	330	330
28-Mar-2025	The Vanguard Group, Inc.	BUY	121.26	Ordinary Limited	240	240
28-Mar-2025	The Vanguard Group, Inc.	BUY	121.26	Ordinary Limited	386	386
28-Mar-2025	The Vanguard Group, Inc.	BUY	119.76	Ordinary Limited	1,322	1,322
28-Mar-2025	The Vanguard Group, Inc.	BUY	120.38	Ordinary Limited	4,050	4,050
28-Mar-2025	The Vanguard Group, Inc.	BUY	119.76	Ordinary Limited	62	62
28-Mar-2025	The Vanguard Group, Inc.	BUY	47.16	Ordinary plc	139	139
28-Mar-2025	The Vanguard Group, Inc.	BUY	47.16	Ordinary plc	717	717
28-Mar-2025	The Vanguard Group, Inc.	BUY	47.16	Ordinary plc	2,440	2,440
28-Mar-2025	The Vanguard Group, Inc.	BUY	48.10	Ordinary plc	1,591	1,591
28-Mar-2025	The Vanguard Group, Inc.	BUY	47.09	Ordinary plc	9,400	9,400
28-Mar-2025	The Vanguard Group, Inc.	SELL	47.27	Ordinary plc	(5,789)	(5,789)
28-Mar-2025	The Vanguard Group, Inc.	SELL	47.02	Ordinary plc	(3,673)	(3,673)
28-Mar-2025	The Vanguard Group, Inc.	BUY	47.16	Ordinary plc	6,165	6,165
28-Mar-2025	The Vanguard Group, Inc.	SELL	47.27	Ordinary plc	(26,530)	(26,530)
28-Mar-2025	The Vanguard Group, Inc.	SELL	47.02	Ordinary plc	(16,836)	(16,836)
31-Mar-2025	The Vanguard Group, Inc.	BUY	115.49	Ordinary Limited	49	49
31-Mar-2025	The Vanguard Group, Inc.	BUY	115.49	Ordinary Limited	230	230

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
31-Mar-2025	The Vanguard Group, Inc.	BUY	115.49	Ordinary Limited	294	294
31-Mar-2025	The Vanguard Group, Inc.	BUY	115.49	Ordinary Limited	320	320
31-Mar-2025	The Vanguard Group, Inc.	BUY	115.49	Ordinary Limited	386	386
31-Mar-2025	The Vanguard Group, Inc.	BUY	115.49	Ordinary Limited	530	530
31-Mar-2025	The Vanguard Group, Inc.	BUY	45.87	Ordinary plc	155	155
31-Mar-2025	The Vanguard Group, Inc.	BUY	45.87	Ordinary plc	635	635
31-Mar-2025	The Vanguard Group, Inc.	BUY	45.87	Ordinary plc	930	930
31-Mar-2025	The Vanguard Group, Inc.	BUY	45.87	Ordinary plc	956	956
31-Mar-2025	The Vanguard Group, Inc.	BUY	45.87	Ordinary plc	425	425
31-Mar-2025	The Vanguard Group, Inc.	BUY	45.87	Ordinary plc	4,085	4,085
31-Mar-2025	The Vanguard Group, Inc.	BUY	45.87	Ordinary plc	844	844
31-Mar-2025	The Vanguard Group, Inc.	BUY	45.87	Ordinary plc	407	407
1-Apr-2025	The Vanguard Group, Inc.	BUY	117.10	Ordinary Limited	98	98
1-Apr-2025	The Vanguard Group, Inc.	BUY	117.10	Ordinary Limited	147	147
1-Apr-2025	The Vanguard Group, Inc.	BUY	117.10	Ordinary Limited	392	392
1-Apr-2025	The Vanguard Group, Inc.	BUY	117.10	Ordinary Limited	924	924
1-Apr-2025	The Vanguard Group, Inc.	BUY	117.46	Ordinary Limited	2,370	2,370
1-Apr-2025	The Vanguard Group, Inc.	BUY	117.14	Ordinary Limited	106	106
1-Apr-2025	The Vanguard Group, Inc.	BUY	116.06	Ordinary Limited	5,881	5,881
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.55	Ordinary plc	305	305
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.55	Ordinary plc	310	310
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.55	Ordinary plc	465	465
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.55	Ordinary plc	1,240	1,240
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.55	Ordinary plc	1,952	1,952
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.65	Ordinary plc	672	672
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.60	Ordinary plc	7,056	7,056
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.50	Ordinary plc	5,690	5,690
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.55	Ordinary plc	210	210
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.48	Ordinary plc	26,287	26,287
1-Apr-2025	The Vanguard Group, Inc.	BUY	46.55	Ordinary plc	1,189	1,189
2-Apr-2025	The Vanguard Group, Inc.	BUY	115.08	Ordinary Limited	49	49
2-Apr-2025	The Vanguard Group, Inc.	BUY	115.08	Ordinary Limited	92	92
2-Apr-2025	The Vanguard Group, Inc.	BUY	115.08	Ordinary Limited	276	276
2-Apr-2025	The Vanguard Group, Inc.	BUY	115.64	Ordinary Limited	1,494	1,494
2-Apr-2025	The Vanguard Group, Inc.	BUY	115.08	Ordinary Limited	83	83
2-Apr-2025	The Vanguard Group, Inc.	BUY	115.08	Ordinary Limited	695	695
2-Apr-2025	The Vanguard Group, Inc.	BUY	115.64	Ordinary Limited	985	985
2-Apr-2025	The Vanguard Group, Inc.	BUY	46.02	Ordinary plc	259	259
2-Apr-2025	The Vanguard Group, Inc.	BUY	46.02	Ordinary plc	155	155
2-Apr-2025	The Vanguard Group, Inc.	BUY	46.02	Ordinary plc	254	254
2-Apr-2025	The Vanguard Group, Inc.	BUY	46.02	Ordinary plc	762	762
2-Apr-2025	The Vanguard Group, Inc.	BUY	46.24	Ordinary plc	3,572	3,572
2-Apr-2025	The Vanguard Group, Inc.	BUY	46.08	Ordinary plc	1,332	1,332
2-Apr-2025	The Vanguard Group, Inc.	BUY	46.02	Ordinary plc	351	351
2-Apr-2025	The Vanguard Group, Inc.	BUY	46.08	Ordinary plc	2,835	2,835
3-Apr-2025	The Vanguard Group, Inc.	BUY	111.94	Ordinary Limited	294	294
3-Apr-2025	The Vanguard Group, Inc.	BUY	111.94	Ordinary Limited	490	490
3-Apr-2025	The Vanguard Group, Inc.	BUY	111.94	Ordinary Limited	80	80
3-Apr-2025	The Vanguard Group, Inc.	BUY	113.38	Ordinary Limited	3,293	3,293
3-Apr-2025	The Vanguard Group, Inc.	BUY	44.93	Ordinary plc	105	105
3-Apr-2025	The Vanguard Group, Inc.	BUY	44.93	Ordinary plc	930	930
3-Apr-2025	The Vanguard Group, Inc.	BUY	44.93	Ordinary plc	1,550	1,550
3-Apr-2025	The Vanguard Group, Inc.	BUY	44.93	Ordinary plc	239	239
3-Apr-2025	The Vanguard Group, Inc.	BUY	44.93	Ordinary plc	8,275	8,275
3-Apr-2025	The Vanguard Group, Inc.	BUY	45.08	Ordinary plc	9,617	9,617
3-Apr-2025	The Vanguard Group, Inc.	BUY	44.93	Ordinary plc	1,712	1,712
4-Apr-2025	The Vanguard Group, Inc.	BUY	42.39	Ordinary plc	7,289	7,289
4-Apr-2025	The Vanguard Group, Inc.	BUY	42.39	Ordinary plc	984	984
4-Apr-2025	The Vanguard Group, Inc.	BUY	42.39	Ordinary plc	917	917
4-Apr-2025	The Vanguard Group, Inc.	BUY	42.39	Ordinary plc	977	977
7-Apr-2025	The Vanguard Group, Inc.	BUY	108.40	Ordinary Limited	98	98
7-Apr-2025	The Vanguard Group, Inc.	SELL	108.40	Ordinary Limited	(308)	(308)
7-Apr-2025	The Vanguard Group, Inc.	SELL	106.89	Ordinary Limited	(1,650)	(1,650)
7-Apr-2025	The Vanguard Group, Inc.	BUY	105.40	Ordinary Limited	15,805	15,805
7-Apr-2025	The Vanguard Group, Inc.	BUY	42.34	Ordinary plc	276	276
7-Apr-2025	The Vanguard Group, Inc.	BUY	42.34	Ordinary plc	3,789	3,789
7-Apr-2025	The Vanguard Group, Inc.	BUY	42.69	Ordinary plc	2,318	2,318
7-Apr-2025	The Vanguard Group, Inc.	SELL	42.34	Ordinary plc	(290)	(290)
7-Apr-2025	The Vanguard Group, Inc.	SELL	42.34	Ordinary plc	(10,344)	(10,344)
8-Apr-2025	The Vanguard Group, Inc.	BUY	109.48	Ordinary Limited	147	147
8-Apr-2025	The Vanguard Group, Inc.	BUY	109.48	Ordinary Limited	980	980

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
8-Apr-2025	The Vanguard Group, Inc.	BUY	109.48	Ordinary Limited	206	206
8-Apr-2025	The Vanguard Group, Inc.	SELL	109.49	Ordinary Limited	(320)	(320)
8-Apr-2025	The Vanguard Group, Inc.	BUY	107.06	Ordinary Limited	243	243
8-Apr-2025	The Vanguard Group, Inc.	BUY	109.49	Ordinary Limited	520	520
8-Apr-2025	The Vanguard Group, Inc.	SELL	109.49	Ordinary Limited	(113)	(113)
8-Apr-2025	The Vanguard Group, Inc.	BUY	42.16	Ordinary plc	414	414
8-Apr-2025	The Vanguard Group, Inc.	BUY	42.16	Ordinary plc	2,760	2,760
8-Apr-2025	The Vanguard Group, Inc.	BUY	42.16	Ordinary plc	444	444
8-Apr-2025	The Vanguard Group, Inc.	SELL	40.85	Ordinary plc	(14,280)	(14,280)
8-Apr-2025	The Vanguard Group, Inc.	SELL	42.16	Ordinary plc	(970)	(970)
8-Apr-2025	The Vanguard Group, Inc.	BUY	42.77	Ordinary plc	22,478	22,478
8-Apr-2025	The Vanguard Group, Inc.	BUY	40.85	Ordinary plc	564	564
8-Apr-2025	The Vanguard Group, Inc.	BUY	42.16	Ordinary plc	885	885
8-Apr-2025	The Vanguard Group, Inc.	BUY	42.77	Ordinary plc	6,957	6,957
9-Apr-2025	The Vanguard Group, Inc.	BUY	103.99	Ordinary Limited	78	78
9-Apr-2025	The Vanguard Group, Inc.	BUY	103.99	Ordinary Limited	92	92
9-Apr-2025	The Vanguard Group, Inc.	BUY	103.99	Ordinary Limited	490	490
9-Apr-2025	The Vanguard Group, Inc.	BUY	103.99	Ordinary Limited	1,029	1,029
9-Apr-2025	The Vanguard Group, Inc.	BUY	103.99	Ordinary Limited	309	309
9-Apr-2025	The Vanguard Group, Inc.	BUY	103.99	Ordinary Limited	72	72
9-Apr-2025	The Vanguard Group, Inc.	BUY	103.99	Ordinary Limited	152	152
9-Apr-2025	The Vanguard Group, Inc.	BUY	109.33	Ordinary Limited	830	830
9-Apr-2025	The Vanguard Group, Inc.	BUY	103.99	Ordinary Limited	690	690
9-Apr-2025	The Vanguard Group, Inc.	BUY	103.99	Ordinary Limited	1,748	1,748
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	14,059	14,059
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	254	254
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	1,380	1,380
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	2,898	2,898
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	666	666
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	7,320	7,320
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	1,150	1,150
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	430	430
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	225	225
9-Apr-2025	The Vanguard Group, Inc.	BUY	44.70	Ordinary plc	740	740
9-Apr-2025	The Vanguard Group, Inc.	BUY	44.70	Ordinary plc	4,165	4,165
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.19	Ordinary plc	994	994
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	1,435	1,435
9-Apr-2025	The Vanguard Group, Inc.	SELL	41.14	Ordinary plc	(4,789)	(4,789)
9-Apr-2025	The Vanguard Group, Inc.	BUY	41.17	Ordinary plc	1,846	1,846
9-Apr-2025	The Vanguard Group, Inc.	SELL	41.14	Ordinary plc	(22,107)	(22,107)
10-Apr-2025	The Vanguard Group, Inc.	BUY	110.59	Ordinary Limited	147	147
10-Apr-2025	The Vanguard Group, Inc.	BUY	110.59	Ordinary Limited	784	784
10-Apr-2025	The Vanguard Group, Inc.	BUY	110.59	Ordinary Limited	924	924
10-Apr-2025	The Vanguard Group, Inc.	SELL	110.13	Ordinary Limited	(2,988)	(2,988)
10-Apr-2025	The Vanguard Group, Inc.	BUY	42.08	Ordinary plc	414	414
10-Apr-2025	The Vanguard Group, Inc.	BUY	42.08	Ordinary plc	2,208	2,208
10-Apr-2025	The Vanguard Group, Inc.	BUY	42.08	Ordinary plc	575	575
10-Apr-2025	The Vanguard Group, Inc.	BUY	42.08	Ordinary plc	976	976
10-Apr-2025	The Vanguard Group, Inc.	BUY	42.08	Ordinary plc	976	976
10-Apr-2025	The Vanguard Group, Inc.	BUY	42.08	Ordinary plc	215	215
10-Apr-2025	The Vanguard Group, Inc.	BUY	42.08	Ordinary plc	10,735	10,735
10-Apr-2025	The Vanguard Group, Inc.	BUY	42.08	Ordinary plc	8,943	8,943
10-Apr-2025	The Vanguard Group, Inc.	BUY	42.08	Ordinary plc	628	628
11-Apr-2025	The Vanguard Group, Inc.	BUY	109.29	Ordinary Limited	92	92
11-Apr-2025	The Vanguard Group, Inc.	BUY	109.29	Ordinary Limited	686	686
11-Apr-2025	The Vanguard Group, Inc.	BUY	109.29	Ordinary Limited	412	412
11-Apr-2025	The Vanguard Group, Inc.	BUY	109.29	Ordinary Limited	412	412
11-Apr-2025	The Vanguard Group, Inc.	BUY	109.29	Ordinary Limited	76	76
11-Apr-2025	The Vanguard Group, Inc.	BUY	109.29	Ordinary Limited	228	228
11-Apr-2025	The Vanguard Group, Inc.	BUY	107.98	Ordinary Limited	7,531	7,531
11-Apr-2025	The Vanguard Group, Inc.	SELL	109.92	Ordinary Limited	(3,685)	(3,685)
11-Apr-2025	The Vanguard Group, Inc.	BUY	109.29	Ordinary Limited	138	138
11-Apr-2025	The Vanguard Group, Inc.	BUY	109.92	Ordinary Limited	796	796
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.04	Ordinary plc	9,269	9,269
11-Apr-2025	The Vanguard Group, Inc.	SELL	43.04	Ordinary plc	(154)	(154)
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.04	Ordinary plc	254	254
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.04	Ordinary plc	1,932	1,932
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.04	Ordinary plc	888	888
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.04	Ordinary plc	888	888
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.04	Ordinary plc	645	645
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.04	Ordinary plc	215	215

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.04	Ordinary plc	10,958	10,958
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.04	Ordinary plc	423	423
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.95	Ordinary plc	2,280	2,280
11-Apr-2025	The Vanguard Group, Inc.	BUY	42.54	Ordinary plc	4,470	4,470
11-Apr-2025	The Vanguard Group, Inc.	BUY	43.04	Ordinary plc	18,929	18,929
14-Apr-2025	The Vanguard Group, Inc.	BUY	110.84	Ordinary Limited	70	70
14-Apr-2025	The Vanguard Group, Inc.	BUY	110.85	Ordinary Limited	49	49
14-Apr-2025	The Vanguard Group, Inc.	BUY	110.85	Ordinary Limited	245	245
14-Apr-2025	The Vanguard Group, Inc.	BUY	110.85	Ordinary Limited	308	308
14-Apr-2025	The Vanguard Group, Inc.	BUY	110.85	Ordinary Limited	76	76
14-Apr-2025	The Vanguard Group, Inc.	BUY	110.85	Ordinary Limited	76	76
14-Apr-2025	The Vanguard Group, Inc.	BUY	111.48	Ordinary Limited	1,105	1,105
14-Apr-2025	The Vanguard Group, Inc.	BUY	111.48	Ordinary Limited	394	394
14-Apr-2025	The Vanguard Group, Inc.	BUY	111.48	Ordinary Limited	985	985
14-Apr-2025	The Vanguard Group, Inc.	BUY	43.43	Ordinary plc	138	138
14-Apr-2025	The Vanguard Group, Inc.	BUY	43.43	Ordinary plc	635	635
14-Apr-2025	The Vanguard Group, Inc.	BUY	43.43	Ordinary plc	690	690
14-Apr-2025	The Vanguard Group, Inc.	BUY	43.43	Ordinary plc	215	215
14-Apr-2025	The Vanguard Group, Inc.	BUY	43.29	Ordinary plc	3,380	3,380
14-Apr-2025	The Vanguard Group, Inc.	BUY	43.29	Ordinary plc	16,660	16,660
14-Apr-2025	The Vanguard Group, Inc.	BUY	43.43	Ordinary plc	729	729
14-Apr-2025	The Vanguard Group, Inc.	BUY	43.29	Ordinary plc	2,850	2,850
14-Apr-2025	The Vanguard Group, Inc.	BUY	43.29	Ordinary plc	1,140	1,140
15-Apr-2025	The Vanguard Group, Inc.	BUY	111.40	Ordinary Limited	98	98
15-Apr-2025	The Vanguard Group, Inc.	BUY	111.40	Ordinary Limited	98	98
15-Apr-2025	The Vanguard Group, Inc.	BUY	111.40	Ordinary Limited	184	184
15-Apr-2025	The Vanguard Group, Inc.	BUY	111.40	Ordinary Limited	309	309
15-Apr-2025	The Vanguard Group, Inc.	BUY	111.40	Ordinary Limited	308	308
15-Apr-2025	The Vanguard Group, Inc.	BUY	111.40	Ordinary Limited	76	76
15-Apr-2025	The Vanguard Group, Inc.	BUY	111.54	Ordinary Limited	1,105	1,105
15-Apr-2025	The Vanguard Group, Inc.	BUY	111.54	Ordinary Limited	830	830
15-Apr-2025	The Vanguard Group, Inc.	BUY	111.54	Ordinary Limited	1,162	1,162
15-Apr-2025	The Vanguard Group, Inc.	BUY	111.40	Ordinary Limited	65	65
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	276	276
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	276	276
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	508	508
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	666	666
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	666	666
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	976	976
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	215	215
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.13	Ordinary plc	3,380	3,380
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.13	Ordinary plc	740	740
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.13	Ordinary plc	1,036	1,036
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.13	Ordinary plc	16,092	16,092
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	131	131
15-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	4,082	4,082
16-Apr-2025	The Vanguard Group, Inc.	BUY	108.37	Ordinary Limited	49	49
16-Apr-2025	The Vanguard Group, Inc.	BUY	108.37	Ordinary Limited	588	588
16-Apr-2025	The Vanguard Group, Inc.	BUY	108.37	Ordinary Limited	616	616
16-Apr-2025	The Vanguard Group, Inc.	BUY	108.59	Ordinary Limited	1,105	1,105
16-Apr-2025	The Vanguard Group, Inc.	BUY	108.59	Ordinary Limited	1,105	1,105
16-Apr-2025	The Vanguard Group, Inc.	BUY	108.59	Ordinary Limited	2,210	2,210
16-Apr-2025	The Vanguard Group, Inc.	BUY	109.96	Ordinary Limited	5,124	5,124
16-Apr-2025	The Vanguard Group, Inc.	BUY	108.37	Ordinary Limited	357	357
16-Apr-2025	The Vanguard Group, Inc.	BUY	108.59	Ordinary Limited	796	796
16-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	389	389
16-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	138	138
16-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	635	635
16-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	1,656	1,656
16-Apr-2025	The Vanguard Group, Inc.	BUY	42.96	Ordinary plc	3,380	3,380
16-Apr-2025	The Vanguard Group, Inc.	BUY	42.96	Ordinary plc	6,760	6,760
16-Apr-2025	The Vanguard Group, Inc.	BUY	42.96	Ordinary plc	3,380	3,380
16-Apr-2025	The Vanguard Group, Inc.	BUY	42.86	Ordinary plc	3,523	3,523
16-Apr-2025	The Vanguard Group, Inc.	BUY	42.86	Ordinary plc	2,288	2,288
16-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	1,091	1,091
16-Apr-2025	The Vanguard Group, Inc.	BUY	43.53	Ordinary plc	1,409	1,409
16-Apr-2025	The Vanguard Group, Inc.	BUY	42.96	Ordinary plc	2,284	2,284
16-Apr-2025	The Vanguard Group, Inc.	BUY	43.22	Ordinary plc	151	151
17-Apr-2025	The Vanguard Group, Inc.	BUY	111.54	Ordinary Limited	147	147
17-Apr-2025	The Vanguard Group, Inc.	BUY	111.54	Ordinary Limited	309	309
17-Apr-2025	The Vanguard Group, Inc.	BUY	111.40	Ordinary Limited	884	884

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17-Apr-2025	The Vanguard Group, Inc.	BUY	111.40	Ordinary Limited	995	995
17-Apr-2025	The Vanguard Group, Inc.	BUY	109.75	Ordinary Limited	4,929	4,929
17-Apr-2025	The Vanguard Group, Inc.	BUY	43.98	Ordinary plc	366	366
17-Apr-2025	The Vanguard Group, Inc.	BUY	43.98	Ordinary plc	414	414
17-Apr-2025	The Vanguard Group, Inc.	BUY	43.91	Ordinary plc	2,704	2,704
17-Apr-2025	The Vanguard Group, Inc.	BUY	43.98	Ordinary plc	985	985
17-Apr-2025	The Vanguard Group, Inc.	BUY	43.91	Ordinary plc	2,860	2,860
22-Apr-2025	The Vanguard Group, Inc.	BUY	111.62	Ordinary Limited	98	98
22-Apr-2025	The Vanguard Group, Inc.	BUY	111.64	Ordinary Limited	82	82
22-Apr-2025	The Vanguard Group, Inc.	BUY	112.55	Ordinary Limited	1,296	1,296
22-Apr-2025	The Vanguard Group, Inc.	BUY	112.55	Ordinary Limited	796	796
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.67	Ordinary plc	229	229
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.67	Ordinary plc	276	276
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.67	Ordinary plc	575	575
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.53	Ordinary plc	8,812	8,812
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.85	Ordinary plc	1,791	1,791
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.37	Ordinary plc	7,789	7,789
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.67	Ordinary plc	165	165
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.67	Ordinary plc	25,064	25,064
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.85	Ordinary plc	3,008	3,008
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.67	Ordinary plc	155	155
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.67	Ordinary plc	340	340
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.85	Ordinary plc	2,292	2,292
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.67	Ordinary plc	1,380	1,380
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.67	Ordinary plc	2,562	2,562
22-Apr-2025	The Vanguard Group, Inc.	BUY	44.67	Ordinary plc	3,607	3,607
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.83	Ordinary Limited	62	62
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.83	Ordinary Limited	147	147
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.83	Ordinary Limited	88	88
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.63	Ordinary Limited	1,326	1,326
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.83	Ordinary Limited	5,251	5,251
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.83	Ordinary Limited	206	206
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.63	Ordinary Limited	1,377	1,377
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.83	Ordinary Limited	546	546
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.55	Ordinary Limited	579	579
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.63	Ordinary Limited	796	796
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.63	Ordinary Limited	995	995
23-Apr-2025	The Vanguard Group, Inc.	BUY	113.83	Ordinary Limited	50,747	50,747
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	5,279	5,279
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	182	182
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	414	414
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	256	256
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	1,464	1,464
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.23	Ordinary plc	4,056	4,056
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	4,024	4,024
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.23	Ordinary plc	19,701	19,701
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	5,121	5,121
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	656	656
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.23	Ordinary plc	3,196	3,196
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	7,761	7,761
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	528	528
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.23	Ordinary plc	2,264	2,264
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.23	Ordinary plc	2,830	2,830
23-Apr-2025	The Vanguard Group, Inc.	BUY	45.86	Ordinary plc	770	770
24-Apr-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	196	196
24-Apr-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	245	245
24-Apr-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	392	392
24-Apr-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	515	515
24-Apr-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	393	393
24-Apr-2025	The Vanguard Group, Inc.	BUY	114.70	Ordinary Limited	1,966	1,966
24-Apr-2025	The Vanguard Group, Inc.	BUY	116.56	Ordinary Limited	830	830
24-Apr-2025	The Vanguard Group, Inc.	BUY	116.56	Ordinary Limited	1,328	1,328
24-Apr-2025	The Vanguard Group, Inc.	BUY	116.56	Ordinary Limited	2,364	2,364
24-Apr-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	1,940	1,940
24-Apr-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	182	182
24-Apr-2025	The Vanguard Group, Inc.	BUY	116.56	Ordinary Limited	162	162
24-Apr-2025	The Vanguard Group, Inc.	BUY	116.56	Ordinary Limited	2,025	2,025
24-Apr-2025	The Vanguard Group, Inc.	BUY	114.92	Ordinary Limited	4,047	4,047
24-Apr-2025	The Vanguard Group, Inc.	BUY	116.56	Ordinary Limited	995	995
24-Apr-2025	The Vanguard Group, Inc.	BUY	114.70	Ordinary Limited	4,448	4,448
24-Apr-2025	The Vanguard Group, Inc.	BUY	115.18	Ordinary Limited	6,529	6,529

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.13	Ordinary plc	552	552
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.13	Ordinary plc	690	690
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.13	Ordinary plc	1,104	1,104
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.13	Ordinary plc	1,110	1,110
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.13	Ordinary plc	976	976
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.13	Ordinary plc	976	976
24-Apr-2025	The Vanguard Group, Inc.	BUY	45.56	Ordinary plc	3,780	3,780
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.25	Ordinary plc	1,184	1,184
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.25	Ordinary plc	740	740
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.25	Ordinary plc	7,080	7,080
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.13	Ordinary plc	533	533
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.25	Ordinary plc	376	376
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.25	Ordinary plc	4,700	4,700
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.13	Ordinary plc	12,808	12,808
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.25	Ordinary plc	2,860	2,860
24-Apr-2025	The Vanguard Group, Inc.	BUY	46.13	Ordinary plc	1,876	1,876
19-Dec-2024	Vanguard Investments Australia Ltd.	BUY	117.40	Ordinary Limited	6,220	6,220
24-Dec-2024	Vanguard Investments Australia Ltd.	BUY	116.16	Ordinary Limited	2,504	2,504
24-Dec-2024	Vanguard Investments Australia Ltd.	BUY	116.16	Ordinary Limited	3,130	3,130
27-Dec-2024	Vanguard Investments Australia Ltd.	BUY	116.83	Ordinary Limited	699	699
30-Dec-2024	Vanguard Investments Australia Ltd.	BUY	117.87	Ordinary Limited	1,400	1,400
31-Dec-2024	Vanguard Investments Australia Ltd.	SELL	47.23	Ordinary plc	(6,221)	(6,221)
31-Dec-2024	Vanguard Investments Australia Ltd.	SELL	117.46	Ordinary Limited	(21,259)	(21,259)
31-Dec-2024	Vanguard Investments Australia Ltd.	SELL	117.46	Ordinary Limited	(676)	(676)
2-Jan-2025	Vanguard Investments Australia Ltd.	BUY	118.21	Ordinary Limited	622	622
2-Jan-2025	Vanguard Investments Australia Ltd.	BUY	118.21	Ordinary Limited	690	690
3-Jan-2025	Vanguard Investments Australia Ltd.	BUY	117.47	Ordinary Limited	2,177	2,177
3-Jan-2025	Vanguard Investments Australia Ltd.	BUY	117.47	Ordinary Limited	1,380	1,380
6-Jan-2025	Vanguard Investments Australia Ltd.	BUY	115.44	Ordinary Limited	3,732	3,732
6-Jan-2025	Vanguard Investments Australia Ltd.	BUY	115.44	Ordinary Limited	1,380	1,380
8-Jan-2025	Vanguard Investments Australia Ltd.	BUY	115.93	Ordinary Limited	1,866	1,866
9-Jan-2025	Vanguard Investments Australia Ltd.	BUY	116.45	Ordinary Limited	1,380	1,380
10-Jan-2025	Vanguard Investments Australia Ltd.	BUY	119.04	Ordinary Limited	4,680	4,680
13-Jan-2025	Vanguard Investments Australia Ltd.	BUY	118.79	Ordinary Limited	1,866	1,866
13-Jan-2025	Vanguard Investments Australia Ltd.	BUY	118.79	Ordinary Limited	2,070	2,070
14-Jan-2025	Vanguard Investments Australia Ltd.	BUY	119.80	Ordinary Limited	2,760	2,760
15-Jan-2025	Vanguard Investments Australia Ltd.	BUY	119.49	Ordinary Limited	1,244	1,244
17-Jan-2025	Vanguard Investments Australia Ltd.	BUY	118.74	Ordinary Limited	3,732	3,732
20-Jan-2025	Vanguard Investments Australia Ltd.	BUY	120.09	Ordinary Limited	1,244	1,244
20-Jan-2025	Vanguard Investments Australia Ltd.	BUY	120.09	Ordinary Limited	2,760	2,760
21-Jan-2025	Vanguard Investments Australia Ltd.	BUY	120.61	Ordinary Limited	1,244	1,244
21-Jan-2025	Vanguard Investments Australia Ltd.	BUY	120.61	Ordinary Limited	426	426
23-Jan-2025	Vanguard Investments Australia Ltd.	BUY	118.00	Ordinary Limited	1,244	1,244
23-Jan-2025	Vanguard Investments Australia Ltd.	BUY	118.00	Ordinary Limited	2,760	2,760
24-Jan-2025	Vanguard Investments Australia Ltd.	BUY	118.33	Ordinary Limited	3,732	3,732
28-Jan-2025	Vanguard Investments Australia Ltd.	BUY	117.68	Ordinary Limited	2,170	2,170
28-Jan-2025	Vanguard Investments Australia Ltd.	BUY	117.68	Ordinary Limited	4,650	4,650
28-Jan-2025	Vanguard Investments Australia Ltd.	BUY	117.68	Ordinary Limited	2,070	2,070
28-Jan-2025	Vanguard Investments Australia Ltd.	BUY	117.68	Ordinary Limited	2,070	2,070
30-Jan-2025	Vanguard Investments Australia Ltd.	BUY	117.05	Ordinary Limited	930	930
31-Jan-2025	Vanguard Investments Australia Ltd.	SELL	48.91	Ordinary plc	(9,393)	(9,393)
31-Jan-2025	Vanguard Investments Australia Ltd.	BUY	117.40	Ordinary Limited	2,070	2,070
31-Jan-2025	Vanguard Investments Australia Ltd.	BUY	117.40	Ordinary Limited	425	425
3-Feb-2025	Vanguard Investments Australia Ltd.	BUY	48.36	Ordinary plc	2,053	2,053
3-Feb-2025	Vanguard Investments Australia Ltd.	BUY	114.91	Ordinary Limited	930	930
3-Feb-2025	Vanguard Investments Australia Ltd.	BUY	114.91	Ordinary Limited	3,450	3,450
4-Feb-2025	Vanguard Investments Australia Ltd.	BUY	116.76	Ordinary Limited	5,270	5,270
5-Feb-2025	Vanguard Investments Australia Ltd.	BUY	119.18	Ordinary Limited	7,064	7,064
6-Feb-2025	Vanguard Investments Australia Ltd.	BUY	120.18	Ordinary Limited	2,790	2,790
6-Feb-2025	Vanguard Investments Australia Ltd.	BUY	120.18	Ordinary Limited	4,650	4,650
10-Feb-2025	Vanguard Investments Australia Ltd.	BUY	119.32	Ordinary Limited	930	930
10-Feb-2025	Vanguard Investments Australia Ltd.	BUY	119.32	Ordinary Limited	2,070	2,070
10-Feb-2025	Vanguard Investments Australia Ltd.	BUY	119.32	Ordinary Limited	850	850
11-Feb-2025	Vanguard Investments Australia Ltd.	BUY	119.71	Ordinary Limited	5,909	5,909
11-Feb-2025	Vanguard Investments Australia Ltd.	BUY	119.71	Ordinary Limited	10,024	10,024
12-Feb-2025	Vanguard Investments Australia Ltd.	BUY	119.00	Ordinary Limited	1,555	1,555
13-Feb-2025	Vanguard Investments Australia Ltd.	BUY	50.39	Ordinary plc	2,020	2,020
13-Feb-2025	Vanguard Investments Australia Ltd.	BUY	120.35	Ordinary Limited	2,070	2,070
17-Feb-2025	Vanguard Investments Australia Ltd.	BUY	120.94	Ordinary Limited	1,651	1,651
18-Feb-2025	Vanguard Investments Australia Ltd.	BUY	120.66	Ordinary Limited	6,220	6,220
18-Feb-2025	Vanguard Investments Australia Ltd.	BUY	120.66	Ordinary Limited	2,768	2,768

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
18-Feb-2025	Vanguard Investments Australia Ltd.	BUY	120.66	Ordinary Limited	4,844	4,844
19-Feb-2025	Vanguard Investments Australia Ltd.	BUY	121.95	Ordinary Limited	4,722	4,722
19-Feb-2025	Vanguard Investments Australia Ltd.	BUY	121.73	Ordinary Limited	4,723	4,723
20-Feb-2025	Vanguard Investments Australia Ltd.	BUY	120.09	Ordinary Limited	6,240	6,240
20-Feb-2025	Vanguard Investments Australia Ltd.	BUY	120.09	Ordinary Limited	2,772	2,772
20-Feb-2025	Vanguard Investments Australia Ltd.	BUY	120.09	Ordinary Limited	6,237	6,237
21-Feb-2025	Vanguard Investments Australia Ltd.	BUY	123.49	Ordinary Limited	312	312
21-Feb-2025	Vanguard Investments Australia Ltd.	BUY	123.49	Ordinary Limited	1,386	1,386
24-Feb-2025	Vanguard Investments Australia Ltd.	BUY	119.80	Ordinary Limited	936	936
25-Feb-2025	Vanguard Investments Australia Ltd.	BUY	119.06	Ordinary Limited	1,555	1,555
25-Feb-2025	Vanguard Investments Australia Ltd.	BUY	119.06	Ordinary Limited	3,470	3,470
26-Feb-2025	Vanguard Investments Australia Ltd.	BUY	115.02	Ordinary Limited	622	622
26-Feb-2025	Vanguard Investments Australia Ltd.	BUY	115.02	Ordinary Limited	6,220	6,220
26-Feb-2025	Vanguard Investments Australia Ltd.	BUY	115.02	Ordinary Limited	2,784	2,784
26-Feb-2025	Vanguard Investments Australia Ltd.	BUY	116.80	Ordinary Limited	8,442	8,442
27-Feb-2025	Vanguard Investments Australia Ltd.	BUY	116.69	Ordinary Limited	1,555	1,555
27-Feb-2025	Vanguard Investments Australia Ltd.	BUY	116.69	Ordinary Limited	3,480	3,480
28-Feb-2025	Vanguard Investments Australia Ltd.	BUY	47.94	Ordinary plc	2,843	2,843
28-Feb-2025	Vanguard Investments Australia Ltd.	BUY	47.94	Ordinary plc	1,686	1,686
3-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.41	Ordinary Limited	1,244	1,244
3-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.41	Ordinary Limited	1,392	1,392
4-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.18	Ordinary Limited	1,394	1,394
5-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.50	Ordinary Limited	4,182	4,182
5-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.50	Ordinary Limited	17,619	17,619
5-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.50	Ordinary Limited	425	425
6-Mar-2025	Vanguard Investments Australia Ltd.	SELL	114.92	Ordinary Limited	(1,560)	(1,560)
6-Mar-2025	Vanguard Investments Australia Ltd.	BUY	114.92	Ordinary Limited	11,856	11,856
6-Mar-2025	Vanguard Investments Australia Ltd.	BUY	114.92	Ordinary Limited	2,106	2,106
6-Mar-2025	Vanguard Investments Australia Ltd.	BUY	114.99	Ordinary Limited	9,176	9,176
6-Mar-2025	Vanguard Investments Australia Ltd.	BUY	114.92	Ordinary Limited	250	250
7-Mar-2025	Vanguard Investments Australia Ltd.	SELL	115.20	Ordinary Limited	(4,665)	(4,665)
7-Mar-2025	Vanguard Investments Australia Ltd.	BUY	115.20	Ordinary Limited	27,990	27,990
7-Mar-2025	Vanguard Investments Australia Ltd.	BUY	115.20	Ordinary Limited	2,808	2,808
7-Mar-2025	Vanguard Investments Australia Ltd.	SELL	115.20	Ordinary Limited	(1,708)	(1,708)
7-Mar-2025	Vanguard Investments Australia Ltd.	BUY	115.20	Ordinary Limited	427	427
10-Mar-2025	Vanguard Investments Australia Ltd.	BUY	118.71	Ordinary Limited	2,808	2,808
11-Mar-2025	Vanguard Investments Australia Ltd.	BUY	119.34	Ordinary Limited	4,368	4,368
11-Mar-2025	Vanguard Investments Australia Ltd.	SELL	119.34	Ordinary Limited	(1,404)	(1,404)
11-Mar-2025	Vanguard Investments Australia Ltd.	BUY	119.34	Ordinary Limited	2,106	2,106
11-Mar-2025	Vanguard Investments Australia Ltd.	SELL	119.34	Ordinary Limited	(854)	(854)
11-Mar-2025	Vanguard Investments Australia Ltd.	BUY	119.34	Ordinary Limited	427	427
12-Mar-2025	Vanguard Investments Australia Ltd.	SELL	117.23	Ordinary Limited	(3,510)	(3,510)
12-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.23	Ordinary Limited	9,828	9,828
12-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.23	Ordinary Limited	854	854
13-Mar-2025	Vanguard Investments Australia Ltd.	BUY	115.99	Ordinary Limited	3,120	3,120
13-Mar-2025	Vanguard Investments Australia Ltd.	BUY	115.99	Ordinary Limited	2,106	2,106
13-Mar-2025	Vanguard Investments Australia Ltd.	BUY	115.99	Ordinary Limited	854	854
14-Mar-2025	Vanguard Investments Australia Ltd.	SELL	117.10	Ordinary Limited	(1,404)	(1,404)
14-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.10	Ordinary Limited	3,510	3,510
17-Mar-2025	Vanguard Investments Australia Ltd.	BUY	119.20	Ordinary Limited	2,808	2,808
18-Mar-2025	Vanguard Investments Australia Ltd.	BUY	49.07	Ordinary plc	2,007	2,007
18-Mar-2025	Vanguard Investments Australia Ltd.	BUY	119.53	Ordinary Limited	6,240	6,240
18-Mar-2025	Vanguard Investments Australia Ltd.	SELL	119.53	Ordinary Limited	(2,106)	(2,106)
18-Mar-2025	Vanguard Investments Australia Ltd.	BUY	119.53	Ordinary Limited	4,212	4,212
19-Mar-2025	Vanguard Investments Australia Ltd.	BUY	118.70	Ordinary Limited	2,808	2,808
20-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.50	Ordinary Limited	624	624
20-Mar-2025	Vanguard Investments Australia Ltd.	BUY	117.50	Ordinary Limited	5,616	5,616
21-Mar-2025	Vanguard Investments Australia Ltd.	BUY	118.58	Ordinary Limited	82	82
21-Mar-2025	Vanguard Investments Australia Ltd.	BUY	118.58	Ordinary Limited	2,109	2,109
21-Mar-2025	Vanguard Investments Australia Ltd.	BUY	118.58	Ordinary Limited	2,379	2,379
24-Mar-2025	Vanguard Investments Australia Ltd.	BUY	119.10	Ordinary Limited	2,808	2,808
26-Mar-2025	Vanguard Investments Australia Ltd.	BUY	119.96	Ordinary Limited	2,109	2,109
26-Mar-2025	Vanguard Investments Australia Ltd.	BUY	119.96	Ordinary Limited	3,515	3,515
26-Mar-2025	Vanguard Investments Australia Ltd.	BUY	119.96	Ordinary Limited	427	427
27-Mar-2025	Vanguard Investments Australia Ltd.	BUY	120.09	Ordinary Limited	3,660	3,660
27-Mar-2025	Vanguard Investments Australia Ltd.	BUY	120.09	Ordinary Limited	3,515	3,515
28-Mar-2025	Vanguard Investments Australia Ltd.	BUY	121.26	Ordinary Limited	3,515	3,515
28-Mar-2025	Vanguard Investments Australia Ltd.	SELL	121.26	Ordinary Limited	(1,281)	(1,281)
31-Mar-2025	Vanguard Investments Australia Ltd.	SELL	115.49	Ordinary Limited	(78,262)	(78,262)
31-Mar-2025	Vanguard Investments Australia Ltd.	BUY	115.49	Ordinary Limited	1,406	1,406
31-Mar-2025	Vanguard Investments Australia Ltd.	SELL	115.49	Ordinary Limited	(289)	(289)

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Apr-2025	Vanguard Investments Australia Ltd.	BUY	117.10	Ordinary Limited	2,424	2,424
1-Apr-2025	Vanguard Investments Australia Ltd.	BUY	117.10	Ordinary Limited	2,037	2,037
1-Apr-2025	Vanguard Investments Australia Ltd.	BUY	117.10	Ordinary Limited	2,716	2,716
1-Apr-2025	Vanguard Investments Australia Ltd.	BUY	117.10	Ordinary Limited	842	842
2-Apr-2025	Vanguard Investments Australia Ltd.	BUY	115.08	Ordinary Limited	906	906
2-Apr-2025	Vanguard Investments Australia Ltd.	BUY	115.08	Ordinary Limited	11,127	11,127
3-Apr-2025	Vanguard Investments Australia Ltd.	BUY	111.94	Ordinary Limited	909	909
3-Apr-2025	Vanguard Investments Australia Ltd.	BUY	111.94	Ordinary Limited	3,395	3,395
3-Apr-2025	Vanguard Investments Australia Ltd.	BUY	111.94	Ordinary Limited	4,074	4,074
3-Apr-2025	Vanguard Investments Australia Ltd.	BUY	111.94	Ordinary Limited	4,753	4,753
4-Apr-2025	Vanguard Investments Australia Ltd.	BUY	112.70	Ordinary Limited	6,342	6,342
4-Apr-2025	Vanguard Investments Australia Ltd.	SELL	112.70	Ordinary Limited	(1,358)	(1,358)
4-Apr-2025	Vanguard Investments Australia Ltd.	BUY	112.70	Ordinary Limited	6,790	6,790
7-Apr-2025	Vanguard Investments Australia Ltd.	SELL	42.34	Ordinary plc	(4,554)	(4,554)
7-Apr-2025	Vanguard Investments Australia Ltd.	BUY	108.40	Ordinary Limited	2,121	2,121
7-Apr-2025	Vanguard Investments Australia Ltd.	BUY	108.40	Ordinary Limited	6,060	6,060
7-Apr-2025	Vanguard Investments Australia Ltd.	BUY	108.40	Ordinary Limited	20,604	20,604
7-Apr-2025	Vanguard Investments Australia Ltd.	BUY	108.40	Ordinary Limited	10,185	10,185
7-Apr-2025	Vanguard Investments Australia Ltd.	SELL	108.40	Ordinary Limited	(1,684)	(1,684)
7-Apr-2025	Vanguard Investments Australia Ltd.	SELL	108.40	Ordinary Limited	(421)	(421)
7-Apr-2025	Vanguard Investments Australia Ltd.	BUY	108.40	Ordinary Limited	1,263	1,263
8-Apr-2025	Vanguard Investments Australia Ltd.	BUY	109.48	Ordinary Limited	10,605	10,605
8-Apr-2025	Vanguard Investments Australia Ltd.	BUY	109.48	Ordinary Limited	2,716	2,716
8-Apr-2025	Vanguard Investments Australia Ltd.	BUY	109.48	Ordinary Limited	6,111	6,111
8-Apr-2025	Vanguard Investments Australia Ltd.	BUY	109.48	Ordinary Limited	1,263	1,263
9-Apr-2025	Vanguard Investments Australia Ltd.	BUY	103.99	Ordinary Limited	3,939	3,939
9-Apr-2025	Vanguard Investments Australia Ltd.	BUY	103.99	Ordinary Limited	2,716	2,716
9-Apr-2025	Vanguard Investments Australia Ltd.	BUY	103.99	Ordinary Limited	6,790	6,790
10-Apr-2025	Vanguard Investments Australia Ltd.	BUY	110.59	Ordinary Limited	7,272	7,272
10-Apr-2025	Vanguard Investments Australia Ltd.	BUY	110.59	Ordinary Limited	2,037	2,037
10-Apr-2025	Vanguard Investments Australia Ltd.	BUY	110.59	Ordinary Limited	5,432	5,432
11-Apr-2025	Vanguard Investments Australia Ltd.	BUY	43.04	Ordinary plc	2,290	2,290
11-Apr-2025	Vanguard Investments Australia Ltd.	BUY	109.29	Ordinary Limited	2,716	2,716
11-Apr-2025	Vanguard Investments Australia Ltd.	BUY	109.29	Ordinary Limited	3,395	3,395
14-Apr-2025	Vanguard Investments Australia Ltd.	BUY	110.85	Ordinary Limited	3,952	3,952
14-Apr-2025	Vanguard Investments Australia Ltd.	BUY	110.85	Ordinary Limited	2,037	2,037
14-Apr-2025	Vanguard Investments Australia Ltd.	BUY	110.85	Ordinary Limited	421	421
16-Apr-2025	Vanguard Investments Australia Ltd.	BUY	43.53	Ordinary plc	4,168	4,168
16-Apr-2025	Vanguard Investments Australia Ltd.	BUY	108.37	Ordinary Limited	2,692	2,692
16-Apr-2025	Vanguard Investments Australia Ltd.	BUY	108.37	Ordinary Limited	6,080	6,080
16-Apr-2025	Vanguard Investments Australia Ltd.	BUY	108.37	Ordinary Limited	1,358	1,358
16-Apr-2025	Vanguard Investments Australia Ltd.	BUY	108.37	Ordinary Limited	5,106	5,106
17-Apr-2025	Vanguard Investments Australia Ltd.	BUY	111.54	Ordinary Limited	3,355	3,355
17-Apr-2025	Vanguard Investments Australia Ltd.	BUY	111.54	Ordinary Limited	2,037	2,037
17-Apr-2025	Vanguard Investments Australia Ltd.	BUY	111.54	Ordinary Limited	4,074	4,074
22-Apr-2025	Vanguard Investments Australia Ltd.	BUY	44.67	Ordinary plc	2,180	2,180
22-Apr-2025	Vanguard Investments Australia Ltd.	BUY	111.62	Ordinary Limited	3,965	3,965
22-Apr-2025	Vanguard Investments Australia Ltd.	BUY	111.62	Ordinary Limited	6,181	6,181
22-Apr-2025	Vanguard Investments Australia Ltd.	BUY	111.62	Ordinary Limited	2,037	2,037
23-Apr-2025	Vanguard Investments Australia Ltd.	BUY	113.83	Ordinary Limited	2,013	2,013
23-Apr-2025	Vanguard Investments Australia Ltd.	BUY	113.83	Ordinary Limited	2,037	2,037

This is Annexure A of 16 pages referred to in Form 603, Notice of initial substantial holder.

Signature:



Name: Shawn Acker

Capacity: Compliance Manager

Date: 29 April 2025