# **Form 603**

Corporations Act 2001 Section 671B

# Notice of initial substantial holder

To Company Name/Scheme	Orica Limited
ACN/ARSN	004 145 868
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	17 May 2023

# 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	22,708,826	22,708,826	5.0004%

### 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	Ordinary - 22,708,826
	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.	Į.

# 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	Registered holder of	Person entitled to be	Class and
interest	securities	registered as holder (8)	number of
			securities
Vanguard Group	Brown Brothers Harriman	Various funds and other accounts of Vanguard Group	Ordinary –
			1,461,788
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Ordinary –
			1,457,696
Vanguard Group	JP Morgan Chase Bank,	Various funds and other accounts of Vanguard Group	Ordinary -
	N.A.		15,693,355
Vanguard Group	State Street Bank and Trust	Various funds and other accounts of Vanguard Group	Ordinary -
•	Company		4,095,987

### 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					

603 page 2/2 15 July 2001

# 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
	STOROUN Serve		
sign here	THOUN ACKER	date	22 May 2023

#### **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 of 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 ACN/ARSN

Orica Limited 2 004 145 868

**Substantial Holder Name** ACN/ARSN

Vanguard Group 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
	The Vanguard Group, Inc.	BUY	15.03	Ordinary	56	56
18-Jan-23	The Vanguard Group, Inc.	SELL	15.03	Ordinary	(139)	(139)
19-Jan-23	The Vanguard Group, Inc.	BUY	15.08	Ordinary	1,580	1,580
19-Jan-23	The Vanguard Group, Inc.	BUY	15.08	Ordinary	434	434
20-Jan-23	The Vanguard Group, Inc.	BUY	15.11	Ordinary	2,755	2,755
	The Vanguard Group, Inc.	SELL	15.08	Ordinary	(13,935)	(13,935)
	The Vanguard Group, Inc.	SELL	15.05	Ordinary	(28,487)	(28,487)
	The Vanguard Group, Inc.	SELL	14.94	Ordinary	(9,878)	(9,878)
	The Vanguard Group, Inc.	BUY	15.00	Ordinary	434	434
	The Vanguard Group, Inc.	BUY	15.00	Ordinary	651	651
	The Vanguard Group, Inc.	BUY	15.00	Ordinary	774	774
	The Vanguard Group, Inc.	BUY SELL	15.03	Ordinary	2,032	2,032
	The Vanguard Group, Inc.	BUY	14.79 14.91	Ordinary	(11,060)	(11,060) 1,890
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	14.91	Ordinary Ordinary	1,890 10,602	10,602
	The Vanguard Group, Inc.	BUY	14.79	Ordinary	95	95
	The Vanguard Group, Inc.	BUY	14.80	Ordinary	3,852	3,852
	The Vanguard Group, Inc.	BUY	14.92	Ordinary	9,871	9,871
	The Vanguard Group, Inc.	BUY	14.62	Ordinary	5,937	5,937
	The Vanguard Group, Inc.	SELL	14.61	Ordinary	(36,398)	(36,398)
	The Vanguard Group, Inc.	BUY	14.97	Ordinary	9,151	9,151
	The Vanguard Group, Inc.	BUY	14.97	Ordinary	750	750
	The Vanguard Group, Inc.	BUY	14.97	Ordinary	436	436
	The Vanguard Group, Inc.	BUY	14.97	Ordinary	191	191
3-Feb-23	The Vanguard Group, Inc.	SELL	14.97	Ordinary	(2,418)	(2,418)
3-Feb-23	The Vanguard Group, Inc.	SELL	14.97	Ordinary	(1,209)	(1,209)
3-Feb-23	The Vanguard Group, Inc.	SELL	14.97	Ordinary	(1,239)	(1,239)
3-Feb-23	The Vanguard Group, Inc.	BUY	14.97	Ordinary	396	396
6-Feb-23	The Vanguard Group, Inc.	BUY	15.16	Ordinary	4,280	4,280
7-Feb-23	The Vanguard Group, Inc.	BUY	15.29	Ordinary	2,948	2,948
	The Vanguard Group, Inc.	BUY	15.29	Ordinary	3,424	3,424
	The Vanguard Group, Inc.	BUY	15.37	Ordinary	3,306	3,306
	The Vanguard Group, Inc.	BUY	15.37	Ordinary	3,762	3,762
	The Vanguard Group, Inc.	BUY	15.37	Ordinary	396	396
	The Vanguard Group, Inc.	BUY	15.71	Ordinary	516	516
	The Vanguard Group, Inc.	BUY	15.71	Ordinary	774	774
	The Vanguard Group, Inc.	BUY	15.86	Ordinary	3,306	3,306
	The Vanguard Group, Inc.	BUY	15.86	Ordinary	594	594
	The Vanguard Group, Inc.	BUY	15.86 15.95	Ordinary Ordinary	516 35	516 35
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	16.07	Ordinary	516	516
	The Vanguard Group, Inc.	BUY	16.07	Ordinary	1,032	1,032
	The Vanguard Group, Inc.	BUY	15.96	Ordinary	375	375
	The Vanguard Group, Inc.	BUY	15.85	Ordinary	3,306	3,306
	The Vanguard Group, Inc.	BUY	15.85	Ordinary	1,032	1,032
	The Vanguard Group, Inc.	BUY		Ordinary	774	774
	The Vanguard Group, Inc.	BUY		Ordinary	428	428
	The Vanguard Group, Inc.	BUY		Ordinary	1,260	1,260
	The Vanguard Group, Inc.	BUY	15.90	Ordinary	260	260
27-Feb-23	The Vanguard Group, Inc.	SELL	16.14	Ordinary	(185)	(185)
27-Feb-23	The Vanguard Group, Inc.	BUY	16.22	Ordinary	3,306	3,306
27-Feb-23	The Vanguard Group, Inc.	BUY	16.22	Ordinary	1,260	1,260
	The Vanguard Group, Inc.	BUY	16.20	Ordinary	7,759	7,759
	The Vanguard Group, Inc.	BUY	16.20	Ordinary	127	127
	The Vanguard Group, Inc.	BUY	16.29	Ordinary	2,755	2,755
	The Vanguard Group, Inc.	BUY	16.29	Ordinary	5,510	5,510
	The Vanguard Group, Inc.	BUY	16.29	Ordinary	3,384	3,384
	The Vanguard Group, Inc.	BUY	16.29	Ordinary	774	774
	The Vanguard Group, Inc.	BUY	16.25	Ordinary	8,625	8,625
	The Vanguard Group, Inc.	BUY	16.25	Ordinary	750	750
	The Vanguard Group, Inc.	BUY	16.25	Ordinary	2,996	2,996
	The Vanguard Group, Inc.	BUY	16.25	Ordinary	4,125	4,125
3-IVIar-23	The Vanguard Group, Inc.	BUY	16.22	Ordinary	2,882	2,882

3-May 22 The Vanguerd Group, Inc. BUY 13.2 Contrainy 13.2 13.2 3-May 22 The Vanguerd Group, Inc. BUY 13.3 Contrainy 13.2 2.3 3.4 3.4 3.4 3.4 3.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6				Consideration			
3-Mar-23 The Vanguerd Group, Inc.  8bt v. 36.22 Cordinary 4.3 (3)  3-Mar-23 The Vanguerd Group, Inc.  8bt v. 16.22 Cordinary 182 (3)  3-Mar-22 The Vanguerd Group, Inc.  8bt v. 16.22 Cordinary 1.1922 (1)  3-Mar-22 The Vanguerd Group, Inc.  8bt v. 16.22 Cordinary 1.1922 (1)  3-Mar-22 The Vanguerd Group, Inc.  8bt v. 16.22 Cordinary 1.292 (2)  3-Mar-22 The Vanguerd Group, Inc.  8bt v. 16.22 Cordinary 1.292 (2)  3-Mar-22 The Vanguerd Group, Inc.  8bt v. 16.22 Cordinary 1.292 (2)  3-Mar-22 The Vanguerd Group, Inc.  8bt v. 16.22 Cordinary (6,769) (6,769) (6,769) (7)  3-Mar-22 The Vanguerd Group, Inc.  8bt v. 16.22 The Vanguerd Group, Inc.  8bt v. 16.22 Cordinary (6,769) (7)  3-Mar-22 The Vanguerd Group, Inc.  8bt v. 16.22 Cordinary (1)  3-Mar-22 The Vanguerd Group, Inc.  8bt v. 16.22 The Vangu			Nature of	given in relation		Number of securities	Person's votes
3-Mar-23 The Vangard Group, Inc.  BUY  13-32 Ordinary  13-22 Ordinary  13-23 Ordinary  13-23 Ordinary  13-23 Ordinary  13-24 Ordinary  13-25 Ordinary  13-26 Ordinary  13-27 Ordinary  13-27 Ordinary  13-28 Ordinary  13-28 Ordinary  13-27 Ordinary  13-28 Ordinary  13-29 O	Date of change	Person whose relevant interest changed	Change(6)	to change(7)	Class	affected	affected
3-Mar 22 The Vangaed Group, Inc. 80 Y 16.28 Ordinary 1.022 10.0 6-Mar 23 The Vangaed Group, Inc. 80 Y 16.28 Ordinary 2.006 2.02 8 Mar 23 The Vangaed Group, Inc. 80 Y 16.30 Ordinary 2.006 2.02 8 Mar 23 The Vangaed Group, Inc. 80 Y 16.34 Ordinary 2.006 2.02 8 Mar 23 The Vangaed Group, Inc. 80 Y 16.34 Ordinary 9.188 9.18 1.04 Mar 23 The Vangaed Group, Inc. 80 Y 16.37 Ordinary 9.188 9.14 1.04 Mar 23 The Vangaed Group, Inc. 80 Y 16.37 Ordinary 9.188 9.14 1.04 Mar 23 The Vangaed Group, Inc. 80 Y 15.34 Ordinary 1.120 Ordinary 9.188 9.14 1.05 Mar 23 The Vangaed Group, Inc. 85 LL 15.00 Ordinary 1.120 Ordinary 1.1209 (1.23 1.15 Mar 23 The Vangaed Group, Inc. 85 LL 15.00 Ordinary 1.1209 (1.23 1.15 Mar 23 The Vangaed Group, Inc. 85 LL 15.00 Ordinary 1.1209 (1.23 1.15 Mar 23 The Vangaed Group, Inc. 85 LL 15.00 Ordinary 1.1209 (1.26 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.33 Ordinary 1.1209 (1.26 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.33 Ordinary 1.1209 (1.26 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.33 Ordinary 1.1209 (1.26 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.26 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.26 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.26 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.26 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.26 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.26 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.27 1.15 Mar 23 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.27 1.15 Mar 24 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.27 1.15 Mar 24 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.27 1.15 Mar 24 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.27 1.15 Mar 24 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.27 1.15 Mar 24 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.27 1.15 Mar 24 The Vangaed Group, Inc. 80 Y 15.35 Ordinary 1.1209 (1.27 1.15 Mar 24 The Vangaed Group, Inc. 80 Y 1	3-Mar-23	The Vanguard Group, Inc.	BUY	16.22	Ordinary	43	43
6-Mm 23 The Vangard Group, Inc. 8-Mm 23 The Vangard Group, Inc. 8-SELL 1-SELL	3-Mar-23	The Vanguard Group, Inc.	BUY	16.22	Ordinary	182	182
8-Mar-23 The Vanguard Group, Inc.  8-Mar-24 The Vanguard Group, Inc.  8-Mar-24 The Vanguard Group, Inc.  8-Mar-25 The Vanguard Group, Inc.  8-Mar-25 The Vanguard Group, Inc.  8-Mar-26 The Vanguard Group, Inc.  8-Mar-26 The Vanguard Group, Inc.  8-Mar-26 The Vanguard Group, Inc.  8-Mar-27 The Vanguard Group, Inc.  8-Mar-27 The Vanguard Group, Inc.  8-Mar-28 The Vanguard Group, Inc.  8-Mar-28 The Vanguard Group, Inc.  8-Mar-28 The Vanguard Group, Inc.  8-Mar-29 The Van	3-Mar-23	The Vanguard Group, Inc.	BUY	16.35	Ordinary	1,032	1,032
8 Mar 23 The Vanguard Group, Inc.  8 May 16,34 Ordinary 1,325   1,825   9,148   9,148   1,044   20 Ordinary 1,048   1,044   2,048   1,044   2,048   1,044   2,048   1,044   2,048   1,044   2,048   1,044   2,048   1,044   2,048   1,044   2,048   1,044   1,		0 17	BUY	16.28	Ordinary		375
9-Mar-23   The Vanguard Group, Inc.   SELL   15-86   Ordinary   0,288   0,918   13-Mar-27   The Vanguard Group, Inc.   SELL   15-82   Ordinary   0,283   0,23   15-Mar-27   The Vanguard Group, Inc.   SELL   15-22   Ordinary   2,538   2,53   15-Mar-27   The Vanguard Group, Inc.   SELL   15-22   Ordinary   2,538   2,53   15-Mar-27   The Vanguard Group, Inc.   SELL   15-02   Ordinary   1,1090   1,200   15-Mar-27   The Vanguard Group, Inc.   SELL   15-02   Ordinary   1,1090   1,200   15-Mar-27   The Vanguard Group, Inc.   SELL   15-02   Ordinary   1,1090   1,200   13-Mar-27   The Vanguard Group, Inc.   SELL   15-02   Ordinary   1,1090   1,200   13-Mar-27   The Vanguard Group, Inc.   SELL   15-02   Ordinary   1,1090   1,200   13-Mar-27   The Vanguard Group, Inc.   SELL   15-02   Ordinary   1,1090   1,200   13-Mar-27   The Vanguard Group, Inc.   SELL   15-02   Ordinary   1,1090   1,200   13-Mar-27   The Vanguard Group, Inc.   SELL   15-02   Ordinary   1,000					Ordinary		2,204
10 Mar 23 The Vanguard Group, Inc.   STLL   15.68   Ordinary   (2,788)   (2,78   13-Mar 23 The Vanguard Group, Inc.   STLL   15.22   Ordinary   (2,784)   (2,78   15-Mar 23 The Vanguard Group, Inc.   STLL   15.52   Ordinary   (1,209)   (1,20   15-Mar 23 The Vanguard Group, Inc.   STLL   15.02   Ordinary   (1,209)   (1,20   15-Mar 23 The Vanguard Group, Inc.   STLL   15.02   Ordinary   (1,209)   (1,20   15-Mar 23 The Vanguard Group, Inc.   STLL   15.02   Ordinary   (1,209)   (1,20   15-Mar 23 The Vanguard Group, Inc.   STLL   15.02   Ordinary   (1,209)   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,209)   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,200)   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,200)   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,200)   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,200)   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,20   17-Mar 23 The Vanguard Group, Inc.   STLL   15.55   Ordinary   (1,20   1,2					Ordinary	1,825	1,825
13-Mar-23   The Vanguard Group, Inc.   SELL   15-22 Ordinary   (2-338) (2-33)						· · · · · · · · · · · · · · · · · · ·	9,168
15 Mar - 23 The Varguard Group, Inc.   5511   5502 Ordinary   1,209)   1,205   1,514						1	(6,768)
15-Mar-22 The Vanguard Group, Inc. 15-Mar-23 The Vanguard Group, Inc. 15-Mar-24 The Vanguard Group, Inc. 15-Mar-25 The Vanguard Group, Inc. 15-Mar-25 The Vanguard Group, Inc. 15-Mar-25 The Vanguard Group, Inc. 15-Mar-27 The Va							(2,538)
15-Mar-22   The Vanguard Group, Inc.   SELL   15.02 Ordinary   (1,892)   (1,68)   (1,74)   (1,74)   (1,892)   (1,68)   (1,74)   (1,74)   (1,892)   (1,68)   (1,74)							254
15-Mar-22   The Vanguard Group, Inc.   SELL   15.02 Ordinary   (1,092)   (							(1,209)
17-Mar-22   The Vanguard Group, Inc.   BUY   15.35 Ordinary   2,199   2,16		0 17			,	\	(1,269)
17-Mar 23 The Vanguard Group, Inc.   SELL   15.35 Ordinary   34,76]   (3,47   17-Mar 23) The Vanguard Group, Inc.   BUY   15.35 Ordinary   40,666   40,666   17-Mar 23 The Vanguard Group, Inc.   BUY   15.35 Ordinary   40,666   40,666   17-Mar 23 The Vanguard Group, Inc.   BUY   15.35 Ordinary   40,666   40,666   17-Mar 23 The Vanguard Group, Inc.   BUY   15.35 Ordinary   325,481   (25,481   17-Mar 23) The Vanguard Group, Inc.   BUY   15.12 Ordinary   378   378   279							
17-Mar 23   The Vanguard Group, Inc.   SELL   15.34   Ordinary   (3,476)   (4,276)							41
17-Mar-23 The Vanguard Group, Inc.   BUY   15.35 Ordinary   18,547   18,5						· · · · · · · · · · · · · · · · · · ·	
17-Mar 23   The Vanguard Group, Inc.   SELL   15.34 (Ordinary   (252,481)						1	
17-May-23 The Vanguard Group, Inc.   SELL   15.34 Ordinary   (252,481)   (25							
20-May-23 The Vanguard Group, Inc.  90Y 15.25 Ordinary 130 131 21-May-23 The Vanguard Group, Inc.  90Y 15.25 Ordinary 46,647 66,64 22-May-23 The Vanguard Group, Inc.  90Y 15.35 Ordinary (248)							
20 Mar 23 The Vanguard Group, Inc.   BUY   15.95   Ordinary   46,647   46,647   22 Mar 23 The Vanguard Group, Inc.   BUY   15.95   Ordinary   1.200   1.20						1	(252,481)
21 May 23 The Vanguard Group, Inc.   BUY   15.09 Ordinary   46,647   46,647   46,647   42,048   22 May 23 The Vanguard Group, Inc.   SELL   15.35 Ordinary   (248)   (24.22 May 23) The Vanguard Group, Inc.   SELL   15.35 Ordinary   (248)   (24.23 May 23) The Vanguard Group, Inc.   BUY   14.99 Ordinary   12,735   12,73   24 May 23 The Vanguard Group, Inc.   BUY   14.95 Ordinary   14.95 Ordinary   34,039   34,039   27 May 23 The Vanguard Group, Inc.   BUY   14.95 Ordinary   34,039   34,039   27 May 23) The Vanguard Group, Inc.   BUY   15.08 Ordinary   34,039   34,039   27 May 23) The Vanguard Group, Inc.   BUY   15.08 Ordinary   34,039							130
22-Mar-23   The Vanguard Group, Inc.   BUY   15.35   Ordinary   1,240   1,20							
22-Mar-23   The Vanguard Group, Inc.   SELL   15.35   Ordinary   (2.48)					,		
23-Mar-22   The Vanguard Group, Inc.   BUY   14.99   Ordinary   12,735   12,735   24-Mar-23   The Vanguard Group, Inc.   BUY   14.90   Ordinary   34,039   34,03   27-Mar-23   The Vanguard Group, Inc.   BUY   15.19   Ordinary   34,039   34,03   27-Mar-23   The Vanguard Group, Inc.   BUY   15.19   Ordinary   447   448   28-Mar-23   The Vanguard Group, Inc.   BUY   15.08   Ordinary   2,689   2,68   28-Mar-23   The Vanguard Group, Inc.   BUV   15.08   Ordinary   2,689   2,68   29-Mar-23   The Vanguard Group, Inc.   BUV   15.10   Ordinary   2,689   2,68   29-Mar-23   The Vanguard Group, Inc.   BUV   15.10   Ordinary   43,190   43,191   4							(248)
24-Mar-22   The Vanguard Group, Inc.   BUY   14.95   Ordinary   34,039   34,03   27-Mar-23   The Vanguard Group, Inc.   BUY   15.19   Ordinary   34,039   34,03   28-Mar-23   The Vanguard Group, Inc.   BUY   15.19   Ordinary   447   448   28-Mar-23   The Vanguard Group, Inc.   BUY   15.08   Ordinary   2,689   2,68   28-Mar-23   The Vanguard Group, Inc.   BUY   15.08   Ordinary   2,689   2,68   28-Mar-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   4,230   4,23   29-Mar-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   4,230   4,23   29-Mar-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   4,230   4,23   29-Mar-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   28,889   28,88   30-Mar-23   The Vanguard Group, Inc.   BUY   15.20   Ordinary   28,889   28,88   30-Mar-23   The Vanguard Group, Inc.   BUY   15.20   Ordinary   136   13   13.1-Mar-23   The Vanguard Group, Inc.   BUY   15.20   Ordinary   136   13   14.3-3   The Vanguard Group, Inc.   BUY   15.20   Ordinary   136   13   14.3-3   The Vanguard Group, Inc.   BUY   15.30   Ordinary   15.30   Ordinary   15.30   15.3-3   The Vanguard Group, Inc.   BUY   15.30   Ordinary   15.30   15.3-3   The Vanguard Group, Inc.   BUY   15.30   Ordinary   15.30   15.3-3   The Vanguard Group, Inc.   BUY   15.5-4   Ordinary   136   13.4-Apr-23   The Vanguard Group, Inc.   BUY   15.5-5   Ordinary   136   13.4-Apr-23   The Vanguard Group, Inc.   BUY   15.5-5   Ordinary   136   13.4-Apr-23   The Vanguard Group, Inc.   BUY   15.5-1   Ordinary   136   13.4-Apr-23   The Vanguard Group, Inc.   BUY   15.5-1   Ordinary   139   13.1-Apr-23   The Vanguard Group, Inc.   BUY   15.5-1   Ordinary   139   13.1-Apr-23   The Vanguard Group, Inc.   BUY   15.5-1   Ordinary   14.4-Apr-23   The Vanguard Group, Inc.   BUY   15.5-1   Ordinary   139   13.1-Apr-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   139   13.1-Apr-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   139   13.1-Apr-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   15.5-1   Ordinar						· /	, ,
24-Mar-23 The Vanguard Group, Inc.  BUY  1.50 Ordinary  3.039  3.403  27-Mar-23 The Vanguard Group, Inc.  BUY  1.50 Ordinary  1.50 Ordinary  1.50 Ordinary  1.50 Ordinary  2.689  2.68  2.9-Mar-23 The Vanguard Group, Inc.  BUY  1.50 Ordinary  2.689  2.68  2.9-Mar-23 The Vanguard Group, Inc.  BUY  1.50 Ordinary  2.689  2.68  2.9-Mar-23 The Vanguard Group, Inc.  BUY  1.50 Ordinary  4.3  2.69  2.9-Mar-23 The Vanguard Group, Inc.  BUY  1.5.10 Ordinary  4.3  2.9-Mar-23 The Vanguard Group, Inc.  BUY  1.5.10 Ordinary  4.2300  2.9-Mar-23 The Vanguard Group, Inc.  BUY  1.5.10 Ordinary  3.0, 130  3.0-Mar-23 The Vanguard Group, Inc.  BUY  1.5.10 Ordinary  1.5.20 Ordinary  1.5.30 Ordinary  1				+			195
27-Mar 23 The Vanguard Group, Inc.  8UY  15.08 Ordinary  28-Mar 23 The Vanguard Group, Inc.  8UY  15.08 Ordinary  2.6699  2.689  2.9-Mar 23 The Vanguard Group, Inc.  8UY  15.00 Ordinary  2.6699  2.689  2.9-Mar 23 The Vanguard Group, Inc.  8UY  15.10 Ordinary  43  44  29-Mar 23 The Vanguard Group, Inc.  8UY  15.10 Ordinary  43,190  44,230  44,230  44,230  29-Mar 23 The Vanguard Group, Inc.  8UY  15.10 Ordinary  43,190  43,190  43,191  29-Mar 23 The Vanguard Group, Inc.  8UY  15.10 Ordinary  43,190  43,191  29-Mar 23 The Vanguard Group, Inc.  8UY  15.20 Ordinary  15.20		,					34,039
28-Mar-23   The Vanguard Group, Inc.   BUY   15.08   Ordinary   2,689   2,68   29-Mar-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   2,689   2,68   29-Mar-23   The Vanguard Group, Inc.   SELL   15.17   Ordinary   4.3   4   4   29-Mar-23   The Vanguard Group, Inc.   SELL   15.17   Ordinary   4.3   4   4   29-Mar-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   4.3,190   4.3,191   29-Mar-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   28,889   28,88   30-Mar-23   The Vanguard Group, Inc.   BUY   15.20   Ordinary   13.6   13   30-Mar-23   The Vanguard Group, Inc.   BUY   15.23   Ordinary   13.6   13   30-Mar-23   The Vanguard Group, Inc.   BUY   15.23   Ordinary   26,408   26,408   31-Mar-23   The Vanguard Group, Inc.   BUY   15.29   Ordinary   26,408   26,408   31-Mar-23   The Vanguard Group, Inc.   SELL   15.45   Ordinary   3.19   Ordinary   3.19   3.						1	447
28-Mar 23 The Vanguard Group, Inc.							135
29-Mar-23 The Vanguard Group, Inc.   BUV   15.10 Ordinary   43   4   29-Mar-23 The Vanguard Group, Inc.   SELL   15.17 Ordinary   (4,230)   (4,230)   (29-Mar-23) The Vanguard Group, Inc.   BUV   15.10 Ordinary   43,190   43,190   43,190   43,190   43,191   43,190   43,191   43,190   43,191   43,190   43,191   43,190   43,191   43,190   43,191   43,191   43,190   43,191   43,19							2,689
29-Mar-23   The Vanguard Group, Inc.   SELL   15.17   Ordinary   (4,230)   (4,23						· · · · · · · · · · · · · · · · · · ·	43
29-Mar-23 The Vanguard Group, Inc.   BUY   15.10   Ordinary   23,889   28,88   30-Mar-23   The Vanguard Group, Inc.   BUY   15.10   Ordinary   23,889   28,88   30-Mar-23   The Vanguard Group, Inc.   BUY   15.23   Ordinary   136   13   30-Mar-23   The Vanguard Group, Inc.   BUY   15.23   Ordinary   26,408   26,408   31-Mar-23   The Vanguard Group, Inc.   BUY   15.39   Ordinary   585   58   31-Mar-23   The Vanguard Group, Inc.   BUY   15.39   Ordinary   3,192   3,19   4-Apr-23   The Vanguard Group, Inc.   BUY   15.54   Ordinary   3,192   3,19   4-Apr-23   The Vanguard Group, Inc.   BUY   15.55   Ordinary   298   29   5-Apr-23   The Vanguard Group, Inc.   BUY   15.51   Ordinary   1,692   1,69   6-Apr-23   The Vanguard Group, Inc.   BUY   15.51   Ordinary   1,692   1,69   6-Apr-23   The Vanguard Group, Inc.   BUY   15.51   Ordinary   1,692   1,69							(4,230)
29-Mar-23 The Vanguard Group, Inc.   BUY   15.10   Ordinary   28,889   28,88   30-Mar-23 The Vanguard Group, Inc.   BUY   15.22   Ordinary   1360   13   30-Mar-23 The Vanguard Group, Inc.   BUY   15.22   Ordinary   25,408   26,404   31-Mar-23 The Vanguard Group, Inc.   BUY   15.39   Ordinary   585   58   31-Mar-23 The Vanguard Group, Inc.   BUY   15.39   Ordinary   585   58   31-Mar-23 The Vanguard Group, Inc.   BUY   15.54   Ordinary   136   13   4-Apr-23 The Vanguard Group, Inc.   BUY   15.54   Ordinary   136   13   4-Apr-23 The Vanguard Group, Inc.   BUY   15.51   Ordinary   298   29   5-Apr-23 The Vanguard Group, Inc.   BUY   15.51   Ordinary   298   1.66   6-Apr-23 The Vanguard Group, Inc.   BUY   15.91   Ordinary   134   13   12-Apr-23 The Vanguard Group, Inc.   BUY   15.91   Ordinary   134   13   12-Apr-23 The Vanguard Group, Inc.   BUY   15.91   Ordinary   134   13   12-Apr-23 The Vanguard Group, Inc.   BUY   16.12   Ordinary   139   13   12-Apr-23 The Vanguard Group, Inc.   BUY   16.12   Ordinary   139   13   12-Apr-23 The Vanguard Group, Inc.   BUY   16.13   Ordinary   139   13   12-Apr-23 The Vanguard Group, Inc.   BUY   16.16   Ordinary   139   13   12-Apr-23 The Vanguard Group, Inc.   BUY   16.16   Ordinary   1.65   Ord			BUY				43,190
30-Mar-23   The Vanguard Group, Inc.   BUY   15.23   Ordinary   26,408   26,408   31-Mar-23   The Vanguard Group, Inc.   BUY   15.22   Ordinary   26,408   26,408   31-Mar-23   The Vanguard Group, Inc.   BUY   15.39   Ordinary   585   58   31-Mar-23   The Vanguard Group, Inc.   BUY   15.39   Ordinary   3,192   3,19   4-Apr-23   The Vanguard Group, Inc.   BUY   15.54   Ordinary   136   13   4-Apr-23   The Vanguard Group, Inc.   BUY   15.52   Ordinary   298   29   5-Apr-23   The Vanguard Group, Inc.   BUY   15.59   Ordinary   1,692   1,69   6-Apr-23   The Vanguard Group, Inc.   BUY   15.91   Ordinary   1,692   1,69   1			BUY	15.10	Ordinary	28,889	28,889
31-Mar-23 The Vanguard Group, Inc.  8UY  15.39 Ordinary  585 588  31-Mar-23 The Vanguard Group, Inc.  8UV  15.54 Ordinary  136 13  4-Apr-23 The Vanguard Group, Inc.  8UV  15.52 Ordinary  298 29  5-Apr-23 The Vanguard Group, Inc.  8UY  15.91 Ordinary  1692 1,69  6-Apr-23 The Vanguard Group, Inc.  8UY  15.91 Ordinary  1692 1,69  6-Apr-23 The Vanguard Group, Inc.  8UY  15.91 Ordinary  134 133  12-Apr-23 The Vanguard Group, Inc.  8UY  15.91 Ordinary  139 131  12-Apr-23 The Vanguard Group, Inc.  8UY  16.12 Ordinary  139 131  12-Apr-23 The Vanguard Group, Inc.  8UY  16.13 Ordinary  139 131  12-Apr-23 The Vanguard Group, Inc.  8UY  16.13 Ordinary  179 129  18-Apr-23 The Vanguard Group, Inc.  8UY  16.16 Ordinary  179 129  18-Apr-23 The Vanguard Group, Inc.  8UY  16.16 Ordinary  179 129  18-Apr-23 The Vanguard Group, Inc.  8UY  16.16 Ordinary  179 129  18-Apr-23 The Vanguard Group, Inc.  8UY  16.06 Ordinary  189 13  18-Apr-23 The Vanguard Group, Inc.  8UY  16.06 Ordinary  189 13  18-Apr-23 The Vanguard Group, Inc.  8UY  16.06 Ordinary  189 14  17-Apr-23 The Vanguard Group, Inc.  8UY  16.07 Ordinary  180 Ordinary  181 23  18-Apr-23 The Vanguard Group, Inc.  8UY  16.01 Ordinary  180 O			BUY	15.23	Ordinary	136	136
31-Mar-23 The Vanguard Group, Inc. BUY 15.54 Ordinary 136 13 4-Apr-23 The Vanguard Group, Inc. BUY 15.54 Ordinary 136 13 4-Apr-23 The Vanguard Group, Inc. BUY 15.52 Ordinary 15.91 Ordinary 16.92 1.69 6-Apr-23 The Vanguard Group, Inc. BUY 15.91 Ordinary 134 13 12-Apr-23 The Vanguard Group, Inc. BUY 15.91 Ordinary 139 13 12-Apr-23 The Vanguard Group, Inc. BUY 16.12 Ordinary 139 13 12-Apr-23 The Vanguard Group, Inc. BUY 16.13 Ordinary 139 13 12-Apr-23 The Vanguard Group, Inc. BUY 16.16 Ordinary 139 13 12-Apr-23 The Vanguard Group, Inc. BUY 16.16 Ordinary 139 13 12-Apr-23 The Vanguard Group, Inc. BUY 16.16 Ordinary 129 12 14-Apr-23 The Vanguard Group, Inc. BUY 16.16 Ordinary 129 12 14-Apr-23 The Vanguard Group, Inc. BUY 16.06 Ordinary 129 12 14-Apr-23 The Vanguard Group, Inc. BUY 16.06 Ordinary 159 16 17-Apr-23 The Vanguard Group, Inc. BUY 16.06 Ordinary 16.06 Ordinary 179 16 17-Apr-23 The Vanguard Group, Inc. BUY 16.06 Ordinary 16.07 Ordinary 170 Ordinary 184 16 17-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 16.04 Ordinary 170 Ordinary 184 16 17-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 184 16 17-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 184 16 17-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 184 12 17-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 184 12 18-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 184 12 18-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 184 12 18-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 142 14 18-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 142 14 18-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 142 14 18-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 142 14 18-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 142 14 18-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 142 14 18-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 142 14 18-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 17-Apr-23 The Vanguard Group, Inc. BUY 16.01 Ordinary 17-Apr-23 The Vanguard Group, Inc. BUY 16.02 Ordinary 184 18-Apr-23 The Vanguard G	30-Mar-23	The Vanguard Group, Inc.	BUY	15.22	Ordinary	26,408	26,408
4-Apr-23   The Vanguard Group, Inc.   BUY   15.54   Ordinary   136   132	31-Mar-23	The Vanguard Group, Inc.	BUY	15.39	Ordinary	585	585
4-Apr-23   The Vanguard Group, Inc.   BUY   15.52   Ordinary   298   299   5-Apr-23   The Vanguard Group, Inc.   BUY   15.91   Ordinary   1,692   1,694   1,695   1,	31-Mar-23	The Vanguard Group, Inc.	SELL	15.45	Ordinary	(3,192)	(3,192)
5-Apr-23 The Vanguard Group, Inc.  BUY  15.91 Ordinary  1,692  1,692  6-Apr-23 The Vanguard Group, Inc.  BUY  15.91 Ordinary  134  12-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  139  13  12-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  139  13  12-Apr-23 The Vanguard Group, Inc.  BUY  16.13 Ordinary  129  121  14-Apr-23 The Vanguard Group, Inc.  BUY  16.16 Ordinary  129  121  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  1585  58  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  16.06 Ordinary  17  18  18  17-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  18  18  17-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  18  18  17-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  18  18  17-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  18  18  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  18  18  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  18  18  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  18  18  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  18  18  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  14  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  14  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  144  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  144  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  144  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  144  15-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  144  15-Apr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  17  18  19  10-Appr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  18  18  19  21-Apr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  18,694  18  18  18  19  21-Apr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  18,694  18,694  18,694  18,694  18  18  21-Apr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  17  18  19  19  19  19  19  19  19  19  19	4-Apr-23	The Vanguard Group, Inc.	BUY	15.54	Ordinary	136	136
6-Apr-23 The Vanguard Group, Inc.  BUY  15.91 Ordinary  134 13  12-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  139 13  12-Apr-23 The Vanguard Group, Inc.  BUY  16.13 Ordinary  139 13  12-Apr-23 The Vanguard Group, Inc.  BUY  16.13 Ordinary  2,630 2,63  13-Apr-23 The Vanguard Group, Inc.  BUY  16.16 Ordinary  129 12  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  185 5 58  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  185 5 58  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  185 5 58  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  185 5 58  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  184 6 Ordinary  184 6 Ordinary  185 5 5 58  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  184 6 Ordinary  185 5 5 58  184 6 Ordinary  185 6 Ordinary  185 7 Ordinary	4-Apr-23	The Vanguard Group, Inc.	BUY	15.52	Ordinary	298	298
12-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  139  13-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  139  13  12-Apr-23 The Vanguard Group, Inc.  BUY  16.13 Ordinary  129  139  13-Apr-23 The Vanguard Group, Inc.  BUY  16.16 Ordinary  129  121  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  159  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  150  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  151  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  151  162  17-Apr-23 The Vanguard Group, Inc.  BUY  1630  17-Apr-23 The Vanguard Group, Inc.  BUY  1640  17-Apr-23 The Vanguard Group, Inc.  BUY  1650  17-Apr-23 The Vanguard Group, Inc.  BUY  17-Apr-23 Th	5-Apr-23	The Vanguard Group, Inc.	BUY	15.91	Ordinary	1,692	1,692
12-Apr-23   The Vanguard Group, Inc.   BUY   16.12   Ordinary   139   13   12-Apr-23   The Vanguard Group, Inc.   BUY   16.13   Ordinary   2,630   2,63   13-Apr-23   The Vanguard Group, Inc.   BUY   16.16   Ordinary   129   12   14-Apr-23   The Vanguard Group, Inc.   BUY   16.06   Ordinary   585   58   14-Apr-23   The Vanguard Group, Inc.   BUY   16.06   Ordinary   351   35   14-Apr-23   The Vanguard Group, Inc.   BUY   16.06   Ordinary   351   35   35   14-Apr-23   The Vanguard Group, Inc.   SELL   16.04   Ordinary   (846)   (846)   (847)   (847)   (847)   (848)	6-Apr-23	The Vanguard Group, Inc.	BUY	15.91	Ordinary	134	134
12-Apr-23 The Vanguard Group, Inc.  BUY  16.13 Ordinary  2,630  2,63  13-Apr-23 The Vanguard Group, Inc.  BUY  16.16 Ordinary  129  12  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  585  588  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  351  35  14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  351  35  14-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  (846)  (84  17-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  750  75  75  75  75  75  75  75  75  7	12-Apr-23	The Vanguard Group, Inc.	BUY	16.12	Ordinary	139	139
13-Apr-23   The Vanguard Group, Inc.   BUY   16.16   Ordinary   129   12   14-Apr-23   The Vanguard Group, Inc.   BUY   16.06   Ordinary   585   58   58   14-Apr-23   The Vanguard Group, Inc.   BUY   16.06   Ordinary   351   355   351   355   351   34-Apr-23   The Vanguard Group, Inc.   BUY   16.06   Ordinary   (846)   (846   17-Apr-23   The Vanguard Group, Inc.   BUY   16.01   Ordinary   750   755   75	12-Apr-23	The Vanguard Group, Inc.	BUY	16.12	Ordinary		139
14-Apr-23   The Vanguard Group, Inc.   BUY   16.06   Ordinary   585   58   14-Apr-23   The Vanguard Group, Inc.   BUY   16.06   Ordinary   351   35   35   14-Apr-23   The Vanguard Group, Inc.   BUY   16.01   Ordinary   (846)   (84   17-Apr-23   The Vanguard Group, Inc.   BUY   16.01   Ordinary   750   75   75   17-Apr-23   The Vanguard Group, Inc.   BUY   16.01   Ordinary   248   24   17-Apr-23   The Vanguard Group, Inc.   BUY   16.05   Ordinary   22,343   22,34   18-Apr-23   The Vanguard Group, Inc.   BUY   16.01   Ordinary   142   14   18-Apr-23   The Vanguard Group, Inc.   BUY   16.01   Ordinary   142   14   18-Apr-23   The Vanguard Group, Inc.   BUY   16.01   Ordinary   142   14   14   20-Apr-23   The Vanguard Group, Inc.   BUY   15.93   Ordinary   372   37   21-Apr-23   The Vanguard Group, Inc.   BUY   16.12   Ordinary   468   46   21-Apr-23   The Vanguard Group, Inc.   BUY   16.12   Ordinary   468   46   21-Apr-23   The Vanguard Group, Inc.   BUY   16.12   Ordinary   758   75   21-Apr-23   The Vanguard Group, Inc.   BUY   16.12   Ordinary   758   75   21-Apr-23   The Vanguard Group, Inc.   BUY   16.12   Ordinary   18,694   18,694   18,694   18,694   12,407   23   The Vanguard Group, Inc.   BUY   16.12   Ordinary   27,884   27,884   24-Apr-23   The Vanguard Group, Inc.   BUY   16.15   Ordinary   1,578   1,57   26-Apr-23   The Vanguard Group, Inc.   BUY   16.00   Ordinary   1,578   1,57   26-Apr-23   The Vanguard Group, Inc.   BUY   16.00   Ordinary   1,578   1,57   26-Apr-23   The Vanguard Group, Inc.   BUY   16.00   Ordinary   1,578   1,57   27-Apr-23   The Vanguard Group, Inc.   BUY   16.00   Ordinary   1,578   1,57   27-Apr-23   The Vanguard Group, Inc.   BUY   16.00   Ordinary   1,578   1,57   27-Apr-23   The Vanguard Group, Inc.   BUY   16.00   Ordinary   1,578   1,57   27-Apr-23   The Vanguard Group, Inc.   BUY   16.00   Ordinary   1,578   1,57   27-Apr-23   The Vanguard Group, Inc.   BUY   16.00   Ordinary   282   288   27-Apr-23   The Vanguard Group, Inc.   BUY   16.00   Ordinary   2,274   2,274	12-Apr-23	The Vanguard Group, Inc.	BUY	16.13	Ordinary	2,630	2,630
14-Apr-23 The Vanguard Group, Inc.  BUY  16.06 Ordinary  351  351  352  353  354  354  357  357  358  357  357  358  357  358  357  358  358	13-Apr-23	The Vanguard Group, Inc.	BUY	16.16	Ordinary	129	129
14-Apr-23 The Vanguard Group, Inc.  SELL  16.04 Ordinary  (846)  (846)  17-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  750  75  17-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  248  24  17-Apr-23 The Vanguard Group, Inc.  BUY  16.05 Ordinary  22,343  22,344  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  14  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  144  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  144  20-Apr-23 The Vanguard Group, Inc.  BUY  15.93 Ordinary  372  37  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  468  46  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  758  75  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  18,694  18,694  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  18,694  18,694  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  17,884  24-Apr-23 The Vanguard Group, Inc.  BUY  16.15 Ordinary  17,884  27,884  24-Apr-23 The Vanguard Group, Inc.  BUY  16.16 Ordinary  17,884  27,884  24-Apr-23 The Vanguard Group, Inc.  BUY  16.15 Ordinary  144  144  145  24-Apr-23 The Vanguard Group, Inc.  BUY  16.16 Ordinary  17,788  1,577  26-Apr-23 The Vanguard Group, Inc.  BUY  16.00 Ordinary  1,578  1,577  27-Apr-23 The Vanguard Group, Inc.  BUY  16.00 Ordinary  17,191  27-Apr-23 The Vanguard Group, Inc.  BUY  16.00 Ordinary  17,191  27-Apr-23 The Vanguard Group, Inc.  BUY  16.00 Ordinary  282  288  2-May-23 The Vanguard Group, Inc.  BUY  16.00 Ordinary  282  288  2-May-23 The Vanguard Group, Inc.  BUY  16.00 Ordinary  282  288  2-May-23 The Vanguard Group, Inc.  BUY  16.00 Ordinary  282  288  3-May-23 The Vanguard Group, Inc.  BUY  15.77 Ordinary  7,742  7,744			BUY	16.06	Ordinary	585	585
17-Apr-23       The Vanguard Group, Inc.       BUY       16.01       Ordinary       750       75         17-Apr-23       The Vanguard Group, Inc.       BUY       16.01       Ordinary       248       24         17-Apr-23       The Vanguard Group, Inc.       BUY       16.05       Ordinary       22,343       22,343         18-Apr-23       The Vanguard Group, Inc.       BUY       16.01       Ordinary       142       14         18-Apr-23       The Vanguard Group, Inc.       BUY       16.01       Ordinary       372       37         20-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       372       37         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       468       46         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       758       75         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       18,694       18,69         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       27,884       27,88         24-Apr-23       The Vanguard Group, Inc.       BUY       16.10       Ordinary       1,578		,					351
17-Apr-23       The Vanguard Group, Inc.       BUY       16.01       Ordinary       248       24         17-Apr-23       The Vanguard Group, Inc.       BUY       16.05       Ordinary       22,343       22,343         18-Apr-23       The Vanguard Group, Inc.       BUY       16.01       Ordinary       142       14         18-Apr-23       The Vanguard Group, Inc.       BUY       15.93       Ordinary       372       37         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       468       46         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       758       75         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       18,694       18,694         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       27,884       27,88         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       18,694       18,694         24-Apr-23       The Vanguard Group, Inc.       BUY       16.15       Ordinary       17,788       27,884       27,884         24-Apr-23       The Vanguard Group, Inc.       BUY       16.00       Ordi					,		(846)
17-Apr-23 The Vanguard Group, Inc.  BUY  16.05 Ordinary  22,343  22,34  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  144  18-Apr-23 The Vanguard Group, Inc.  BUY  16.01 Ordinary  142  144  20-Apr-23 The Vanguard Group, Inc.  BUY  15.93 Ordinary  372  37  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  468  46  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  758  75  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  758  75  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  18.694  18.694  18.695  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  18.694  18.694  18.695  21-Apr-23 The Vanguard Group, Inc.  BUY  16.12 Ordinary  17,884  27,884  24-Apr-23 The Vanguard Group, Inc.  BUY  16.15 Ordinary  144  14  24-Apr-23 The Vanguard Group, Inc.  BUY  16.16 Ordinary  144  14  24-Apr-23 The Vanguard Group, Inc.  BUY  16.10 Ordinary  144  145  24-Apr-23 The Vanguard Group, Inc.  BUY  16.15 Ordinary  17,578  1,578  1,577  26-Apr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  372  374  27-Apr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  372  374  27-Apr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  372  374  27-Apr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  372  374  27-Apr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  372  374  27-Apr-23 The Vanguard Group, Inc.  BUY  16.02 Ordinary  282  288  2-May-23 The Vanguard Group, Inc.  BUY  16.07 Ordinary  7,191  7,191  3-May-23 The Vanguard Group, Inc.  BUY  15.77 Ordinary  7,742  7,744							750
18-Apr-23       The Vanguard Group, Inc.       BUY       16.01       Ordinary       142       14         18-Apr-23       The Vanguard Group, Inc.       BUY       16.01       Ordinary       372       37         20-Apr-23       The Vanguard Group, Inc.       BUY       15.93       Ordinary       372       37         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       468       46         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       758       75         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       18,694       18,694         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       17,884       27,88         24-Apr-23       The Vanguard Group, Inc.       BUY       16.15       Ordinary       144       14         24-Apr-23       The Vanguard Group, Inc.       BUY       16.00       Ordinary       1,578       1,578         26-Apr-23       The Vanguard Group, Inc.       BUY       16.09       Ordinary       143       14         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>248</td></td<>							248
18-Apr-23       The Vanguard Group, Inc.       BUY       16.01       Ordinary       142       14         20-Apr-23       The Vanguard Group, Inc.       BUY       15.93       Ordinary       372       37         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       468       46         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       758       75         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       18,694       18,69         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       27,884       27,88         24-Apr-23       The Vanguard Group, Inc.       BUY       16.15       Ordinary       144       14         24-Apr-23       The Vanguard Group, Inc.       BUY       16.20       Ordinary       1,578       1,57         26-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       143       14         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372       37         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       9							22,343
20-Apr-23       The Vanguard Group, Inc.       BUY       15.93       Ordinary       372       37         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       468       46         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       758       75         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       18,694       18,69         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       27,884       27,88         24-Apr-23       The Vanguard Group, Inc.       BUY       16.15       Ordinary       144       14         24-Apr-23       The Vanguard Group, Inc.       BUY       16.20       Ordinary       1,578       1,57         26-Apr-23       The Vanguard Group, Inc.       BUY       16.00       Ordinary       143       14         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372       37         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       99         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       2							142
21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       468       46         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       758       75         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       18,694       18,694         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       27,884       27,88         24-Apr-23       The Vanguard Group, Inc.       BUY       16.15       Ordinary       144       14         24-Apr-23       The Vanguard Group, Inc.       BUY       16.20       Ordinary       1,578       1,57         26-Apr-23       The Vanguard Group, Inc.       BUY       16.00       Ordinary       143       14         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372       37         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       99         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       (2,274)       <							142
21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       758       75         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       18,694       18,694         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       27,884       27,884         24-Apr-23       The Vanguard Group, Inc.       BUY       16.15       Ordinary       144       14         24-Apr-23       The Vanguard Group, Inc.       BUY       16.20       Ordinary       1,578       1,57         26-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       143       14         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372       37         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       99         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       BUY       16.07       Ordinary       7,191 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>372</td></td<>							372
21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       18,694       18,694         21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       27,884       27,884         24-Apr-23       The Vanguard Group, Inc.       BUY       16.15       Ordinary       144       14         24-Apr-23       The Vanguard Group, Inc.       BUY       16.20       Ordinary       1,578       1,57         26-Apr-23       The Vanguard Group, Inc.       BUY       16.09       Ordinary       143       14         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372       37         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       99         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       SELL       16.07       Ordinary       (2,274)       (2,274)         2-May-23       The Vanguard Group, Inc.       BUY       16.07       Ordinary       7,191       7,19         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       7,742 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>468</td>							468
21-Apr-23       The Vanguard Group, Inc.       BUY       16.12       Ordinary       27,884       27,884         24-Apr-23       The Vanguard Group, Inc.       BUY       16.15       Ordinary       144       14         24-Apr-23       The Vanguard Group, Inc.       BUY       16.20       Ordinary       1,578       1,57         26-Apr-23       The Vanguard Group, Inc.       BUY       16.09       Ordinary       143       14         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372       37         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       99         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       SELL       16.07       Ordinary       (2,274)       (2,274)         2-May-23       The Vanguard Group, Inc.       BUY       16.07       Ordinary       7,191       7,19         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       282       28         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       7,742							758
24-Apr-23       The Vanguard Group, Inc.       BUY       16.15       Ordinary       144       14         24-Apr-23       The Vanguard Group, Inc.       BUY       16.20       Ordinary       1,578       1,57         26-Apr-23       The Vanguard Group, Inc.       BUY       16.09       Ordinary       143       14         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372       37         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       99         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       SELL       16.07       Ordinary       (2,274)       (2,274)         2-May-23       The Vanguard Group, Inc.       BUY       16.07       Ordinary       7,191       7,19         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       282       28         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       7,742       7,742							·
24-Apr-23       The Vanguard Group, Inc.       BUY       16.20       Ordinary       1,578       1,578         26-Apr-23       The Vanguard Group, Inc.       BUY       16.09       Ordinary       143       14         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372       37         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       99         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       SELL       16.07       Ordinary       (2,274)       (2,274)         2-May-23       The Vanguard Group, Inc.       BUY       16.07       Ordinary       7,191       7,19         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       282       28         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       7,742       7,742							
26-Apr-23       The Vanguard Group, Inc.       BUY       16.09       Ordinary       143       14         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372       37         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       99         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       SELL       16.07       Ordinary       (2,274)       (2,274)         2-May-23       The Vanguard Group, Inc.       BUY       16.07       Ordinary       7,191       7,19         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       282       28         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       7,742       7,742							144
27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       372       37         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       99         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       SELL       16.07       Ordinary       (2,274)       (2,274)         2-May-23       The Vanguard Group, Inc.       BUY       16.07       Ordinary       7,191       7,19         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       282       28         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       7,742       7,742							
27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       992       99         27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       SELL       16.07       Ordinary       (2,274)       (2,274)         2-May-23       The Vanguard Group, Inc.       BUY       16.07       Ordinary       7,191       7,19         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       282       28         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       7,742       7,742							143 372
27-Apr-23       The Vanguard Group, Inc.       BUY       16.02       Ordinary       282       28         2-May-23       The Vanguard Group, Inc.       SELL       16.07       Ordinary       (2,274)       (2,274)         2-May-23       The Vanguard Group, Inc.       BUY       16.07       Ordinary       7,191       7,19         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       282       28         3-May-23       The Vanguard Group, Inc.       BUY       15.77       Ordinary       7,742       7,742							992
2-May-23     The Vanguard Group, Inc.     SELL     16.07     Ordinary     (2,274)     (2,274)       2-May-23     The Vanguard Group, Inc.     BUY     16.07     Ordinary     7,191     7,19       3-May-23     The Vanguard Group, Inc.     BUY     15.77     Ordinary     282     28       3-May-23     The Vanguard Group, Inc.     BUY     15.77     Ordinary     7,742     7,742							282
2-May-23     The Vanguard Group, Inc.     BUY     16.07     Ordinary     7,191     7,19       3-May-23     The Vanguard Group, Inc.     BUY     15.77     Ordinary     282     28       3-May-23     The Vanguard Group, Inc.     BUY     15.77     Ordinary     7,742     7,742							
3-May-23         The Vanguard Group, Inc.         BUY         15.77         Ordinary         282         28           3-May-23         The Vanguard Group, Inc.         BUY         15.77         Ordinary         7,742         7,742							7,191
3-May-23 The Vanguard Group, Inc. BUY 15.77 Ordinary 7,742 7,74						1	282
							7,742
3-May-23   The Vanguard Group, Inc.   BUY   15.71   Ordinary   2,630   2,630			BUY		Ordinary	2,630	2,630

			Consideration			
		Nature of	given in relation		Number of securities	Person's votes
Date of change	Person whose relevant interest changed	Change(6)	to change(7)	Class	affected	affected
4-May-23	The Vanguard Group, Inc.	BUY	15.97	Ordinary	372	372
5-May-23	The Vanguard Group, Inc.	BUY	16.07	Ordinary	282	282
8-May-23	The Vanguard Group, Inc.	BUY	16.61	Ordinary	3,156	3,156
9-May-23	The Vanguard Group, Inc.	BUY	16.42	Ordinary	585	585
9-May-23	The Vanguard Group, Inc.	BUY	16.42	Ordinary	248	248
9-May-23	The Vanguard Group, Inc.	BUY	16.38	Ordinary	838	838
10-May-23	The Vanguard Group, Inc.	BUY	16.48	Ordinary	46	46
12-May-23	The Vanguard Group, Inc.	BUY	16.76	Ordinary	10,005	10,005
12-May-23	The Vanguard Group, Inc.	BUY	16.74	Ordinary	2,630	2,630
12-May-23	The Vanguard Group, Inc.	BUY	16.70	Ordinary	30,326	30,326
15-May-23	The Vanguard Group, Inc.	BUY	16.41	Ordinary	585	585
15-May-23	The Vanguard Group, Inc.	BUY	16.47	Ordinary	17,967	17,967
17-May-23	The Vanguard Group, Inc.	BUY	16.09	Ordinary	2,630	2,630
17-May-23	The Vanguard Group, Inc.	BUY	16.07	Ordinary	23,506	23,506
	Vanguard Investments Australia Ltd.	BUY	15.03	Ordinary	958	958
	Vanguard Investments Australia Ltd.	SELL	15.05	Ordinary	(8,622)	(8,622
	Vanguard Investments Australia Ltd.	SELL	15.00	Ordinary	(9,101)	(9,101
	Vanguard Investments Australia Ltd.	SELL	14.95	Ordinary	(9,101)	(9,101
	Vanguard Investments Australia Ltd.	SELL	14.80	Ordinary	(7,308)	(7,308
	Vanguard Investments Australia Ltd.	BUY	14.97	Ordinary	6,920	6,920
	Vanguard Investments Australia Ltd.	SELL	14.97	Ordinary	(5,536)	(5,536
	Vanguard Investments Australia Ltd.	BUY	15.62		5,205	5,205
	Vanguard Investments Australia Ltd.	BUY	16.06	Ordinary	5,648	5,648
	Vanguard Investments Australia Ltd.	BUY	15.95	Ordinary	5,310	5,310
	Vanguard Investments Australia Ltd.	SELL	15.95	Ordinary	(21,240)	(21,240
	Vanguard Investments Australia Ltd.	BUY	15.89	Ordinary	3,550	3,550
	Vanguard Investments Australia Ltd.	BUY	15.77	Ordinary	6,472	6,472
	Vanguard Investments Australia Ltd.	BUY	16.27	Ordinary	5,340	5,340
	Vanguard Investments Australia Ltd.	SELL	16.27	Ordinary	(6,408)	(6,408
	Vanguard Investments Australia Ltd.	BUY	16.27	Ordinary	1,446	1,446
	Vanguard Investments Australia Ltd.	BUY	16.22	Ordinary	4,628	4,628
	Vanguard Investments Australia Ltd.  Vanguard Investments Australia Ltd.	BUY	15.77	Ordinary	5,370	5,370
	Vanguard Investments Australia Ltd.	SELL	15.47	Ordinary	(3,927)	(3,927
	Vanguard Investments Australia Ltd.  Vanguard Investments Australia Ltd.	BUY	15.12	Ordinary	7,140	7,140
	· ·	BUY				·
	Vanguard Investments Australia Ltd.	BUY	15.12	Ordinary	4,569	4,569 7,180
	Vanguard Investments Australia Ltd.			Ordinary	7,180	
	Vanguard Investments Australia Ltd.	BUY	15.35	Ordinary	49,603	49,603
	Vanguard Investments Australia Ltd.		15.35	Ordinary	4,697	4,697
	Vanguard Investments Australia Ltd.	SELL BUY		Ordinary	(9,334)	(9,334
	Vanguard Investments Australia Ltd.		15.05	Ordinary	5,475	5,475
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(7,335)	(7,335)
	Vanguard Investments Australia Ltd.	BUY	14.95	Ordinary	4,416	4,416
	Vanguard Investments Australia Ltd.	BUY	15.54	Ordinary	5,430	5,430
	Vanguard Investments Australia Ltd.	BUY		Ordinary	1,455	1,455
	Vanguard Investments Australia Ltd.	BUY		Ordinary	27,344	27,344
	Vanguard Investments Australia Ltd.	BUY		Ordinary	1,455	1,455
	Vanguard Investments Australia Ltd.	BUY		Ordinary	970	970
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(93,135)	(93,135
	Vanguard Investments Australia Ltd.	BUY		Ordinary	3,600	3,600
•	Vanguard Investments Australia Ltd.	BUY		Ordinary	46,498	46,498
	Vanguard Investments Australia Ltd.	BUY	15.77	Ordinary	3,240	3,240
	Vanguard Investments Australia Ltd.	BUY		Ordinary	978	978
	Vanguard Investments Australia Ltd.	BUY	16.46	Ordinary	3,912	3,912
	Vanguard Investments Australia Ltd.	BUY		Ordinary	2,864	2,864
12-May-23	Vanguard Investments Australia Ltd.	BUY	16.70	Ordinary	2,856	2,856

This is Annexure A of 3 page referred to in Form 603, Notice of initial substantial holder.

Signature:	STUDIN LEWE		
Name: Shawn Acker	-		
Capacity: Compliand	ce Manager		
Date: 22 May 2023			