Form 605

Corporations Act 2001 Section 671B

Notice of ceasing to be a substantial holder

To Company Name/Scheme	Commonwealth Bank of Australia						
ACN/ARSN	123 123 124						
1. Details of substantial holder (1)							
Name	Vanguard Group (The Vanguard Group, Inc. and its controlled entities including Vanguard						
ACN/ARSN (if applicable)	Investments Australia Ltd. and those listed in Annexure A) N/A						
The holder ceased to be a							
substantial holder on	5 November 2021						
The previous notice was given to the compa	any on 24 July 2018						
The previous notice was dated 2. Changes in relevant interests	24 July 2018						

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (4)	Consideration given in relation to change (5)	Class (6) and number of securities affected	Person's votes affected
Update to pre See Annexure	evious 605 form notice e A	Vanguard Group now holds 4.815% of voting power			

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

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

4. 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

Signature

print name Shawn Acker capa

capacity Compliance Manager

12 November 2021

date

Frank Acres

sign here

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant 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 4 of the form.
 - See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
 - See the definition of "associate" in section 9 of the Corporations Act 2001.
 - Include details of:
 - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. 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.

- Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was 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.
 - The voting shares of a company constitute one class unless divided into separate classes.
- Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

To Company ACN/ARSN

Commonwealth Bank of Australia 123 123 124

Substantial Holder Name ACN/ARSN

Vanguard Group

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
	The Vanguard Group, Inc.	SELL	75.32	Ordinary	(5,037)	(5,0
24-Jul-2018	The Vanguard Group, Inc.	BUY	75.17	Ordinary	630	
24-Jul-2018	The Vanguard Group, Inc.	BUY	75.17	Ordinary	439	
24-Jul-2018	The Vanguard Group, Inc.	BUY	75.72	Ordinary	18,490	18,
24-Jul-2018	The Vanguard Group, Inc.	SELL	75.80	Ordinary	(762)	(
25-Jul-2018	The Vanguard Group, Inc.	SELL	74.76	Ordinary	(1,305)	(1,
25-Jul-2018	The Vanguard Group, Inc.	BUY	74.76	Ordinary	642	
25-Jul-2018	The Vanguard Group, Inc.	SELL	75.01	Ordinary	(5,037)	(5,
25-Jul-2018	The Vanguard Group, Inc.	SELL	75.01	Ordinary	(25,185)	(25,
25-Jul-2018	The Vanguard Group, Inc.	SELL	75.01	Ordinary	(3,358)	(3,
	The Vanguard Group, Inc.	BUY	74.79	Ordinary	139	
27-Jul-2018	The Vanguard Group, Inc.	SELL	75.36	Ordinary	(9,365)	(9,
27-Jul-2018	The Vanguard Group, Inc.	BUY	75.33	Ordinary	10,678	10,
30-Jul-2018	The Vanguard Group, Inc.	SELL	74.90	Ordinary	(8,519)	(8,
31-Jul-2018	The Vanguard Group, Inc.	BUY	75.18	Ordinary	27,023	27,
	The Vanguard Group, Inc.	SELL	74.95	Ordinary	(2,210)	(2,
0	The Vanguard Group, Inc.	BUY	74.13	Ordinary	64,920	64,
0	The Vanguard Group, Inc.	SELL	74.38	Ordinary	(488)	(
	The Vanguard Group, Inc.	BUY	73.68	Ordinary	70	
-	The Vanguard Group, Inc.	SELL	73.92	Ordinary	(16,790)	(16,
, e	The Vanguard Group, Inc.	BUY	74.00	Ordinary	21,309	21,
0	The Vanguard Group, Inc.	SELL	72.83	Ordinary	(5,455)	(5,
0	The Vanguard Group, Inc.	BUY	72.83	Ordinary	1,314	1,
3-Aug-2018	The Vanguard Group, Inc.	BUY	73.78	Ordinary	19,318	19,
	The Vanguard Group, Inc.	BUY	73.04	Ordinary	39	
	The Vanguard Group, Inc.	BUY	73.21	Ordinary	57,654	57,
-	The Vanguard Group, Inc.	BUY	74.14	Ordinary	22,759	22,
×	The Vanguard Group, Inc.	BUY	74.14	Ordinary	9,073	9,
-	The Vanguard Group, Inc.	SELL	74.18	Ordinary	(469)	(
	The Vanguard Group, Inc.	BUY	75.37	Ordinary	132	
, e	The Vanguard Group, Inc.	BUY	75.18	Ordinary	6,975	6,
	The Vanguard Group, Inc.	SELL	75.44	Ordinary	(3,978)	(3,
, e	The Vanguard Group, Inc.	BUY	75.37	Ordinary	1,927	1,
· · · · ·	The Vanguard Group, Inc.	BUY	75.39	Ordinary	864	
, e	The Vanguard Group, Inc.	SELL	75.32	Ordinary	(40,296)	(40,
	The Vanguard Group, Inc.	SELL	75.32	Ordinary	(2,210)	(2,
×	The Vanguard Group, Inc.	SELL	75.32	Ordinary	(3,978)	(3,
	The Vanguard Group, Inc.	SELL	75.39	Ordinary	(36,800)	(36,
, e	The Vanguard Group, Inc.	BUY	74.94	Ordinary	632	
, e	The Vanguard Group, Inc.	BUY	75.35	Ordinary	102	(2
, e	The Vanguard Group, Inc.	SELL	75.86	Ordinary	(2,312)	(2,
	The Vanguard Group, Inc.	BUY	75.68	Ordinary	55,285	55,
	The Vanguard Group, Inc.	SELL	75.97	Ordinary	(7,956)	
	The Vanguard Group, Inc.	SELL	73.76	Ordinary	(20,148)	(20,
	The Vanguard Group, Inc.	BUY	73.26	Ordinary	48,312	48,
, e	The Vanguard Group, Inc.	BUY BUY	73.26 73.76	Ordinary Ordinary	7,653	7,
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY			113	56,
•	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	73.76	Ordinary Ordinary	56,187	
Ų	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	74.28	-	3,312	3, (36,
-	The Vanguard Group, Inc.			Ordinary	(36,717)	
0	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	74.12	Ordinary Ordinary	805 64,355	64,
•	The Vanguard Group, Inc.					
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	74.24	Ordinary Ordinary	2,219	2,
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	74.44 73.94	Ordinary	(4,790) 45,771	(4, 45,
0	o	BUY	73.94	,		
-	The Vanguard Group, Inc.	BUY		Ordinary Ordinary	7,644	7,
-	The Vanguard Group, Inc.		72.95		1,515	1,
•	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	72.95	Ordinary	1,337	1,
, e	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	27,334	27,
21-AUØ-2018	THE VALIGUALU GLOUD, ILC.	IDUT	73.01	Ordinary	1,768	1,

	1
	1
	1
	1
	1
	Ì
	1
	Į
	1
	/
	1
	1
	Ì
	1
	1
	1
	١
	/
	Ì
	l
\mathcal{L}	ļ
	1
	J
	V

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
22-Aug-2018	The Vanguard Group, Inc.	BUY	72.37	Ordinary	20,185	20,185
23-Aug-2018	The Vanguard Group, Inc.	BUY	71.57	Ordinary	25,764	25,764
24-Aug-2018	The Vanguard Group, Inc.	BUY	70.98	Ordinary	3,487	3,487
÷	The Vanguard Group, Inc.	BUY	70.89	Ordinary	1,925	1,925
	The Vanguard Group, Inc.	BUY	71.29	Ordinary	2,210	2,210
	The Vanguard Group, Inc.	BUY	71.73	Ordinary	630	630
· · ·	The Vanguard Group, Inc.	BUY	72.00	Ordinary	76	76
0	The Vanguard Group, Inc.	BUY BUY	71.47	Ordinary	10,933	10,933
-	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	72.11	Ordinary Ordinary	21,492 863	21,492
×	The Vanguard Group, Inc.	BUY	71.47	Ordinary	1,767	1,767
×	The Vanguard Group, Inc.	SELL	70.11	Ordinary	(1,304)	(1,304
	The Vanguard Group, Inc.	BUY	70.47	Ordinary	48,911	48,911
	The Vanguard Group, Inc.	SELL	70.80	Ordinary	(751)	(751
	The Vanguard Group, Inc.	BUY	70.47	Ordinary	1,968	1,968
	The Vanguard Group, Inc.	BUY	70.14	Ordinary	952	952
6-Sep-2018	The Vanguard Group, Inc.	BUY	70.02	Ordinary	172	172
6-Sep-2018	The Vanguard Group, Inc.	BUY	70.02	Ordinary	64,569	64,569
7-Sep-2018	The Vanguard Group, Inc.	BUY	70.51	Ordinary	288	288
	The Vanguard Group, Inc.	BUY	70.53	Ordinary	25,210	25,210
,	The Vanguard Group, Inc.	BUY	70.03	Ordinary	29,863	29,863
	The Vanguard Group, Inc.	BUY	70.53	Ordinary	7,720	7,720
	The Vanguard Group, Inc.	BUY	70.53	Ordinary	1,326	1,326
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	70.53	Ordinary	4,420 3,281	4,420
	The Vanguard Group, Inc.	BUY	70.73	Ordinary Ordinary	42,178	42,178
	The Vanguard Group, Inc.	SELL	71.93	Ordinary	(113,448)	(113,448
	The Vanguard Group, Inc.	BUY	71.97	Ordinary	40,945	40,945
,	The Vanguard Group, Inc.	BUY	71.86	Ordinary	11,580	11,580
	The Vanguard Group, Inc.	BUY	71.86	Ordinary	4,420	4,420
12-Sep-2018	The Vanguard Group, Inc.	SELL	72.00	Ordinary	(720)	(720
13-Sep-2018	The Vanguard Group, Inc.	BUY	71.18	Ordinary	336	336
14-Sep-2018	The Vanguard Group, Inc.	BUY	71.36	Ordinary	25,854	25,854
17-Sep-2018	The Vanguard Group, Inc.	BUY	71.75	Ordinary	14,504	14,504
,	The Vanguard Group, Inc.	BUY	71.77	Ordinary	13,612	13,612
	The Vanguard Group, Inc.	BUY	71.92	Ordinary	1,517	1,517
	The Vanguard Group, Inc.	BUY	71.88	Ordinary	552	552
	The Vanguard Group, Inc.	BUY	71.55	Ordinary	5,133	5,133
	The Vanguard Group, Inc.	SELL BUY	71.94	Ordinary	(1,719)	(1,719
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	71.94	Ordinary Ordinary	169 (103)	169
	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(103)	(103
	The Vanguard Group, Inc.	BUY	71.94	,	10	10
	The Vanguard Group, Inc.	SELL	71.94	,	(496)	
	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(2,015)	
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(528)	
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(851)	(851
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(9,072)	(9,072
	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(58,094)	
	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(58,561)	
	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(2,222)	
	The Vanguard Group, Inc.	SELL	71.94		(18,855)	-
	The Vanguard Group, Inc.	BUY	71.94	,	1,022	1,022
	The Vanguard Group, Inc.	BUY	71.94	Ordinary	214	214
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	71.19	Ordinary	100	
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	70.80	Ordinary Ordinary	40,696 15,015	40,696
	The Vanguard Group, Inc.	BUY	70.18		615	615
	The Vanguard Group, Inc.	SELL	70.18	Ordinary	(216)	
	The Vanguard Group, Inc.	SELL	70.18	Ordinary	(487)	
	The Vanguard Group, Inc.	BUY	70.05	Ordinary	15,520	15,520
	The Vanguard Group, Inc.	BUY	70.05	Ordinary	7,760	7,760
	The Vanguard Group, Inc.	BUY	70.05	Ordinary	19,400	19,400
	The Vanguard Group, Inc.	SELL	70.65	Ordinary	(1,623)	
	The Vanguard Group, Inc.	BUY	70.08	Ordinary	1,201	1,201
	The Vanguard Group, Inc.	BUY	70.01	Ordinary	5,042	5,042
	The Vanguard Group, Inc.	SELL	70.20	Ordinary	(5,071)	-
	The Vanguard Group, Inc.	BUY	71.41	-	552	

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities	Person's votes affected
-	The Vanguard Group, Inc.	BUY	70.35	Ordinary	11,640	11,6
	The Vanguard Group, Inc.	BUY	70.23		47,234	47,2
	The Vanguard Group, Inc.	BUY	69.61	,	31,040	31,0
	The Vanguard Group, Inc.	SELL	70.61	Ordinary	(677)	(6
	The Vanguard Group, Inc.	SELL	70.61	Ordinary	(10,544)	(10,5
	· · ·					
	The Vanguard Group, Inc.	SELL	69.61	Ordinary	(5,525)	(5,5
	The Vanguard Group, Inc.	BUY	69.82	Ordinary	1,381	1,5
	The Vanguard Group, Inc.	BUY	69.82	Ordinary	119	
	The Vanguard Group, Inc.	BUY	69.82	Ordinary	20,616	20,
	The Vanguard Group, Inc.	BUY	69.65	Ordinary	11,640	11,
	The Vanguard Group, Inc.	BUY	69.65	Ordinary	7,152	7,
4-Oct-2018	The Vanguard Group, Inc.	BUY	70.03	Ordinary	19,858	19,
5-Oct-2018	The Vanguard Group, Inc.	BUY	69.99	Ordinary	22,538	22,
8-Oct-2018	The Vanguard Group, Inc.	BUY	70.00	Ordinary	16,169	16,
8-Oct-2018	The Vanguard Group, Inc.	BUY	69.23	Ordinary	3,688	3,
9-Oct-2018	The Vanguard Group, Inc.	BUY	69.27	Ordinary	21,157	21,
9-Oct-2018	The Vanguard Group, Inc.	BUY	68.67	Ordinary	20,264	20,
	The Vanguard Group, Inc.	BUY	67.00	Ordinary	1,008	1,0
	The Vanguard Group, Inc.	BUY	66.76	Ordinary	10,122	10,
	The Vanguard Group, Inc.	BUY	67.00	Ordinary	1,312	1,
	The Vanguard Group, Inc.	BUY	66.43	Ordinary	4,875	4,
	The Vanguard Group, Inc.	BUY	66.43	Ordinary	5,338	5,
	The Vanguard Group, Inc.	BUY	66.43		46	J,.
						40
	The Vanguard Group, Inc.	BUY	66.43	Ordinary	49,703	49,
	The Vanguard Group, Inc.	BUY	65.63	Ordinary	262	
	The Vanguard Group, Inc.	BUY	66.80	Ordinary	1,011	1,
	The Vanguard Group, Inc.	BUY	65.54	Ordinary	16,870	16,
	The Vanguard Group, Inc.	BUY	65.77	Ordinary	55	
	The Vanguard Group, Inc.	BUY	65.98	Ordinary	53,799	53,
16-Oct-2018	The Vanguard Group, Inc.	SELL	65.64	Ordinary	(720)	(
17-Oct-2018	The Vanguard Group, Inc.	BUY	66.90	Ordinary	1,390	1,
17-Oct-2018	The Vanguard Group, Inc.	BUY	66.82	Ordinary	38,269	38,
18-Oct-2018	The Vanguard Group, Inc.	SELL	67.22	Ordinary	(954)	(
18-Oct-2018	The Vanguard Group, Inc.	BUY	66.95	Ordinary	128	
18-Oct-2018	The Vanguard Group, Inc.	BUY	66.95	Ordinary	29,978	29,
18-Oct-2018	The Vanguard Group, Inc.	BUY	66.95	Ordinary	12,153	12,
19-Oct-2018	The Vanguard Group, Inc.	BUY	67.77	Ordinary	10,122	10,
	The Vanguard Group, Inc.	BUY	67.77	Ordinary	11,640	11,
	The Vanguard Group, Inc.	BUY	67.34	Ordinary	243	,
	The Vanguard Group, Inc.	BUY	66.61	Ordinary	10.990	10,
	The Vanguard Group, Inc.	BUY	67.03	Ordinary	39,666	39,
	The Vanguard Group, Inc.	BUY	66.86	,	183	
	The Vanguard Group, Inc.	BUY		Ordinary	17,372	17,
	· · ·				,	
	The Vanguard Group, Inc.	SELL	66.03		(3,227)	
	The Vanguard Group, Inc.	BUY	65.89	Ordinary	48,813	48,
	The Vanguard Group, Inc.	BUY	65.89	Ordinary	16,367	16,
	The Vanguard Group, Inc.	BUY	65.66		9,700	9,
	The Vanguard Group, Inc.	BUY	65.81	Ordinary	1,901	1,
	The Vanguard Group, Inc.	BUY	65.81	Ordinary	4,420	4,
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.62	Ordinary	4,399	4,
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.62	Ordinary	112	
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.62	Ordinary	4,572	4,
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.81	Ordinary	47,917	47,
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.62	Ordinary	59,060	59,
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.81	Ordinary	22,206	22,
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.81	Ordinary	10,303	10,
	The Vanguard Group, Inc.	BUY	65.62	Ordinary	976	- ,
	The Vanguard Group, Inc.	BUY	65.81	Ordinary	3,147	3,
	The Vanguard Group, Inc.	BUY	68.16		28,155	28,
	The Vanguard Group, Inc.	BUY	66.84	Ordinary	26,851	
	•					26,
	The Vanguard Group, Inc.	SELL	69.23	Ordinary	(1,379)	(1,
	The Vanguard Group, Inc.	BUY	69.23	Ordinary	464	
	The Vanguard Group, Inc.	BUY	68.56	-	26,940	26,
	The Vanguard Group, Inc.	BUY	68.56	,	14,240	14,
	The Vanguard Group, Inc.	BUY	69.44		13,580	13,
1-Nov-2018	The Vanguard Group, Inc.	SELL	68.94	Ordinary	(115,316)	(115,
1-Nov-2018	The Vanguard Group, Inc.	SELL	69.30	Ordinary	(808)	(
	The Vanguard Group, Inc.	BUY	69.12	Ordinary	57,121	57,

at af shares	D amaa	Nature of	Consideration given in relation	Class	Number of securities	
ate of change	Person whose relevant interest changed		to change(7)	Class	affected	affected
	The Vanguard Group, Inc.	BUY	69.07	Ordinary	19,400	19,40
	The Vanguard Group, Inc.	SELL	68.35	Ordinary	(39,568)	(39,56
	The Vanguard Group, Inc.	BUY	68.25	Ordinary	26,537	26,53
	The Vanguard Group, Inc.	BUY	68.25	Ordinary	19,686	19,68
	The Vanguard Group, Inc.	BUY	68.25	Ordinary	6,529	6,52
	The Vanguard Group, Inc.	SELL	67.98	Ordinary	(13,233)	(13,23
	The Vanguard Group, Inc.	BUY	68.09	Ordinary	1,195	1,19
	The Vanguard Group, Inc.	BUY	69.00	Ordinary	782	78
	The Vanguard Group, Inc.	BUY	69.00	Ordinary	67	6
	The Vanguard Group, Inc.	BUY	69.84	Ordinary	15,520	15,52
	The Vanguard Group, Inc.	BUY	70.62	Ordinary	84	8
9-Nov-2018	The Vanguard Group, Inc.	SELL	70.95	Ordinary	(3,499)	(3,49
	The Vanguard Group, Inc.	BUY	70.95	Ordinary	245	24
9-Nov-2018	The Vanguard Group, Inc.	BUY	70.52	Ordinary	8,271	8,27
9-Nov-2018	The Vanguard Group, Inc.	BUY	70.52	Ordinary	1,134	1,13
12-Nov-2018	The Vanguard Group, Inc.	BUY	71.18	Ordinary	11,640	11,64
12-Nov-2018	The Vanguard Group, Inc.	BUY	71.18	Ordinary	8,448	8,44
13-Nov-2018	The Vanguard Group, Inc.	BUY	70.89	Ordinary	3,851	3,85
13-Nov-2018	The Vanguard Group, Inc.	BUY	70.90	Ordinary	126	12
13-Nov-2018	The Vanguard Group, Inc.	BUY	70.90	Ordinary	7,231	7,23
	The Vanguard Group, Inc.	BUY	70.89	Ordinary	192	19
	The Vanguard Group, Inc.	BUY	70.89	Ordinary	25,844	25,84
	The Vanguard Group, Inc.	BUY	68.91	Ordinary	11,640	11,64
	The Vanguard Group, Inc.	BUY	68.91	Ordinary	15,520	15,52
	The Vanguard Group, Inc.	BUY	68.91	Ordinary	3,168	3,16
	The Vanguard Group, Inc.	BUY	68.86	Ordinary	1,000	1,00
		BUY			,	
	The Vanguard Group, Inc.		69.29	Ordinary	24,737	24,73
	The Vanguard Group, Inc.	BUY	69.16	Ordinary	5,952	5,95
	The Vanguard Group, Inc.	BUY	69.16	Ordinary	2,210	2,21
	The Vanguard Group, Inc.	BUY	69.25	Ordinary	2,205	2,20
	The Vanguard Group, Inc.	BUY	69.25	Ordinary	28,590	28,59
	The Vanguard Group, Inc.	BUY	68.50	Ordinary	544	54
20-Nov-2018	The Vanguard Group, Inc.	BUY	69.20	Ordinary	242	24
21-Nov-2018	The Vanguard Group, Inc.	BUY	68.74	Ordinary	14,681	14,68
21-Nov-2018	The Vanguard Group, Inc.	BUY	70.04	Ordinary	15,520	15,52
23-Nov-2018	The Vanguard Group, Inc.	BUY	71.30	Ordinary	1,667	1,66
27-Nov-2018	The Vanguard Group, Inc.	BUY	72.21	Ordinary	752	75
27-Nov-2018	The Vanguard Group, Inc.	BUY	72.21	Ordinary	831	83
27-Nov-2018	The Vanguard Group, Inc.	BUY	71.97	Ordinary	1,129	1,12
28-Nov-2018	The Vanguard Group, Inc.	BUY	72.70	Ordinary	1,756	1,75
	The Vanguard Group, Inc.	BUY	72.70	Ordinary	10,536	10,53
	The Vanguard Group, Inc.	BUY	72.70	Ordinary	9,700	9,70
	The Vanguard Group, Inc.	BUY	72.70	Ordinary	4,650	4,65
	The Vanguard Group, Inc.	BUY	72.70	-	2,325	2,32
	The Vanguard Group, Inc.	BUY	72.70		1,395	1,39
	The Vanguard Group, Inc.	BUY	72.70	Ordinary	8,869	8,86
	The Vanguard Group, Inc.	BUY	72.44	,	7,905	7,90
	The Vanguard Group, Inc.	BUY	71.36		7,762	7,76
	The Vanguard Group, Inc.	SELL	71.36		(48,793)	(48,79
	The Vanguard Group, Inc.	BUY	72.09	Ordinary	6,976	6,97
	The Vanguard Group, Inc.	SELL	71.36	Ordinary	(199)	(19
	The Vanguard Group, Inc.	BUY	71.43		520	52
	The Vanguard Group, Inc.	BUY	71.36		2,834	2,83
	The Vanguard Group, Inc.	BUY	72.02	Ordinary	734	73
	The Vanguard Group, Inc.	BUY	72.02	Ordinary	5,638	5,63
	The Vanguard Group, Inc.	BUY	71.43	Ordinary	1,040	1,0
	The Vanguard Group, Inc.	SELL	71.55	Ordinary	(8,921)	(8,9
4-Dec-2018	The Vanguard Group, Inc.	BUY	70.80	Ordinary	2,551	2,5
4-Dec-2018	The Vanguard Group, Inc.	BUY	70.80	Ordinary	17,785	17,7
4-Dec-2018	The Vanguard Group, Inc.	BUY	71.39	Ordinary	25,683	25,6
	The Vanguard Group, Inc.	BUY	70.10	Ordinary	5,952	5,9
	The Vanguard Group, Inc.	BUY	70.10	Ordinary	15,520	15,5
	The Vanguard Group, Inc.	BUY	70.00		8,787	8,7
	The Vanguard Group, Inc.	BUY	69.49	Ordinary	100	1
	The Vanguard Group, Inc.	BUY	69.49			
				Ordinary	9,511	9,5
	The Vanguard Group, Inc.	BUY	69.49	Ordinary	173	16.20
	The Vanguard Group, Inc.	BUY	69.49	Ordinary	16,397	16,39

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
	The Vanguard Group, Inc.	SELL	69.67	Ordinary	(1,262)	(1,262)
	The Vanguard Group, Inc.	BUY	69.95	Ordinary	4,464	4,464
	The Vanguard Group, Inc.	SELL	69.81	Ordinary	(804)	(804)
7-Dec-2018	The Vanguard Group, Inc.	BUY	70.14	Ordinary	451	451
7-Dec-2018	The Vanguard Group, Inc.	BUY	70.14	Ordinary	2,195	2,195
	The Vanguard Group, Inc.	BUY	70.14	Ordinary	35,054	35,054
	The Vanguard Group, Inc.	BUY	70.14	Ordinary	8,763	8,763
	The Vanguard Group, Inc.	BUY	69.81	Ordinary	13,580	13,580
	The Vanguard Group, Inc.	BUY	69.81	Ordinary	15,520	15,520
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	68.27 69.08	Ordinary Ordinary	9,419 13,097	9,419
	The Vanguard Group, Inc.	BUY	69.08	Ordinary	34,238	13,097 34,238
	The Vanguard Group, Inc.	BUY	68.44	Ordinary	11,640	11,640
	The Vanguard Group, Inc.	BUY	68.44	Ordinary	15,520	15,520
	The Vanguard Group, Inc.	BUY	68.81	Ordinary	21,405	21,405
	The Vanguard Group, Inc.	BUY	70.05	Ordinary	32,980	32,980
12-Dec-2018	The Vanguard Group, Inc.	BUY	70.05	Ordinary	11,640	11,640
12-Dec-2018	The Vanguard Group, Inc.	BUY	70.05	Ordinary	11,640	11,640
12-Dec-2018	The Vanguard Group, Inc.	SELL	68.78	Ordinary	(532)	(532)
	The Vanguard Group, Inc.	BUY	70.05	Ordinary	5,068	5,068
	The Vanguard Group, Inc.	BUY	70.18	Ordinary	304	304
	The Vanguard Group, Inc.	BUY	70.18	Ordinary	117	117
	The Vanguard Group, Inc.	BUY	70.03	Ordinary	8,869	8,869
	The Vanguard Group, Inc.	BUY	70.03	Ordinary	2,250	2,250
	The Vanguard Group, Inc.	SELL	68.81	Ordinary	(1,291)	(1,291)
	The Vanguard Group, Inc.	BUY BUY	68.81	Ordinary	1,049	1,049
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	69.63 68.54	Ordinary	99 11,640	99 11,640
	The Vanguard Group, Inc.	BUY	68.54	Ordinary Ordinary	2,790	2,790
	The Vanguard Group, Inc.	BUY	68.54	Ordinary	3,801	3,801
	The Vanguard Group, Inc.	BUY	68.49	Ordinary	23,280	23,280
	The Vanguard Group, Inc.	BUY	68.49	Ordinary	12,670	12,670
	The Vanguard Group, Inc.	SELL	69.26	Ordinary	(7,756)	(7,756)
	The Vanguard Group, Inc.	BUY	68.60	Ordinary	784	784
	The Vanguard Group, Inc.	BUY	68.92	Ordinary	13,584	13,584
20-Dec-2018	The Vanguard Group, Inc.	BUY	68.71	Ordinary	15,520	15,520
20-Dec-2018	The Vanguard Group, Inc.	SELL	68.92	Ordinary	(8,506)	(8,506)
	The Vanguard Group, Inc.	SELL	68.92	Ordinary	(64,203)	(64,203)
	The Vanguard Group, Inc.	BUY	68.55	Ordinary	321	321
	The Vanguard Group, Inc.	BUY	68.48	Ordinary	693	693
	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(197)	(197)
	The Vanguard Group, Inc.	BUY BUY	68.55 68.55	Ordinary	17	17
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	68.55	Ordinary Ordinary	512	512
	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(25,468)	(25,468)
	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(47,574)	(47,574)
	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(1,072)	(1,072)
	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(7,768)	(7,768)
	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(12,612)	(12,612)
21-Dec-2018	The Vanguard Group, Inc.	BUY	68.48	Ordinary	882	882
	The Vanguard Group, Inc.	BUY	67.55	Ordinary	78	78
	The Vanguard Group, Inc.	BUY	67.55	Ordinary	3	3
	The Vanguard Group, Inc.	BUY	67.55	Ordinary	1	1
	The Vanguard Group, Inc.	BUY	67.55	Ordinary	125	125
	The Vanguard Group, Inc.	BUY	67.71	Ordinary	18,224	18,224
	The Vanguard Group, Inc.	BUY	67.71	Ordinary	11,390	11,390
	The Vanguard Group, Inc.	BUY	69.09	Ordinary	5,252	5,252
	The Vanguard Group, Inc.	BUY BUY	69.09	Ordinary	6,834	6,834
	The Vanguard Group, Inc.		70.33	Ordinary	34	34
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	70.58	Ordinary Ordinary	1,475 6,360	1,475 6,360
	The Vanguard Group, Inc.	BUY	69.50	Ordinary	9,870	9,870
	The Vanguard Group, Inc.	BUY	70.58	Ordinary	3,417	3,417
	The Vanguard Group, Inc.	BUY	70.58	Ordinary	17,085	17,085
	The Vanguard Group, Inc.	BUY	70.58	Ordinary	5,695	5,695
				-		
	The Vanguard Group, Inc.	BUY	70.58	Ordinary	1,040	1,040
27-Dec-2018	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	70.58	Ordinary	1,040	1,040

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities	Person's votes affected
•	The Vanguard Group, Inc.	BUY	70.91	Ordinary	164	1
	The Vanguard Group, Inc.	BUY	70.91	Ordinary	15,449	15,4
	The Vanguard Group, Inc.	BUY	70.91	Ordinary	9,300	9,3
	The Vanguard Group, Inc.	BUY	71.76	Ordinary	2,020	2,0
	The Vanguard Group, Inc.	BUY	70.91	Ordinary	5,024	5,0
	The Vanguard Group, Inc.	BUY	72.42	Ordinary	7,080	7,0
	The Vanguard Group, Inc.	BUY	70.97	Ordinary	11,344	11,3
	The Vanguard Group, Inc.	BUY	71.37	Ordinary	2,065	2,0
	The Vanguard Group, Inc.	BUY	71.37	Ordinary	5,310	5,3
	The Vanguard Group, Inc.	BUY	71.37	Ordinary	5,252	5,2
	The Vanguard Group, Inc.	BUY	71.37	Ordinary	2,828	2,8
	The Vanguard Group, Inc.	BUY	72.35	Ordinary	2,072	2,0
2-Jan-2019	The Vanguard Group, Inc.	BUY	71.37	Ordinary	6,834	6,
	The Vanguard Group, Inc.	BUY	71.37	Ordinary	7,973	7,
	The Vanguard Group, Inc.	BUY	71.37	Ordinary	2,164	2,
	The Vanguard Group, Inc.	BUY	71.53	Ordinary	1,033	1,0
	The Vanguard Group, Inc.	BUY	71.53	Ordinary	1,251	1,
	The Vanguard Group, Inc.	BUY	71.53	Ordinary	113,354	113,
	The Vanguard Group, Inc.	BUY	71.53	Ordinary	31,140	31,:
	The Vanguard Group, Inc.	BUY	71.42	Ordinary	5,695	5,0
	The Vanguard Group, Inc.	BUY	71.42	Ordinary	2,164	2,:
	The Vanguard Group, Inc.	BUY	71.89	Ordinary	836	
	The Vanguard Group, Inc.	BUY	71.41	Ordinary	45	
	The Vanguard Group, Inc.	BUY	71.41	Ordinary	51,693	51,
	The Vanguard Group, Inc.	BUY	71.41	Ordinary	20,097	20,
	The Vanguard Group, Inc.	BUY	72.50	Ordinary	4,463	4,
	The Vanguard Group, Inc.	BUY	72.67	Ordinary	2,338	2,
	The Vanguard Group, Inc.	BUY	72.47	Ordinary	1,902	1,
	The Vanguard Group, Inc.	BUY	72.47	Ordinary	248	,
	The Vanguard Group, Inc.	BUY	72.47	Ordinary	392	
	The Vanguard Group, Inc.	SELL	72.38	Ordinary	(884)	(
	The Vanguard Group, Inc.	BUY	72.61	Ordinary	2,600	2,
	The Vanguard Group, Inc.	SELL	72.43	Ordinary	(36,010)	
	The Vanguard Group, Inc.	BUY	72.57	Ordinary	101	(00)
	The Vanguard Group, Inc.	BUY	72.57	Ordinary	10,293	10,
	The Vanguard Group, Inc.	BUY	72.33	Ordinary	2,828	2,
	The Vanguard Group, Inc.	SELL	72.37	Ordinary	(19,357)	(19,
	The Vanguard Group, Inc.	BUY	72.45	Ordinary	9,066	9,
	The Vanguard Group, Inc.	BUY	72.75	Ordinary	4,720	4,
	The Vanguard Group, Inc.	BUY	72.38	Ordinary	3,872	3,
	The Vanguard Group, Inc.	BUY	72.75	Ordinary	4,328	4,
	The Vanguard Group, Inc.	SELL	72.19	Ordinary	(18,509)	(18,
	The Vanguard Group, Inc.	BUY	71.75	,	1,770	1,
	The Vanguard Group, Inc.	BUY	71.75		4,848	4,
	The Vanguard Group, Inc.	BUY	71.75	Ordinary	1,040	1,
	The Vanguard Group, Inc.	BUY	71.92	Ordinary	41	1,
	The Vanguard Group, Inc.	BUY	72.02	Ordinary	2,828	2,
	The Vanguard Group, Inc.	BUY	72.65	Ordinary	206	<i></i> ,
	The Vanguard Group, Inc.	BUY	72.46	Ordinary	7,738	7,
	The Vanguard Group, Inc.	BUY	72.46	Ordinary	30,437	30,
	The Vanguard Group, Inc.	SELL	72.65	Ordinary	(10,832)	(10,
	The Vanguard Group, Inc.	BUY	72.78	Ordinary	7,202	7,
	The Vanguard Group, Inc.	BUY	72.77	Ordinary	1,759	1,
	The Vanguard Group, Inc.	SELL	72.77	Ordinary	(13,812)	
	The Vanguard Group, Inc.	BUY	72.91	Ordinary	884	(13,
	The Vanguard Group, Inc.	SELL	72.91	Ordinary	(1,981)	(1,
	The Vanguard Group, Inc.	BUY	72.91	Ordinary	4,584	4,
		SELL	73.07			
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	73.07	Ordinary Ordinary	(11,448) (4,272)	
				-		
	The Vanguard Group, Inc.	BUY	73.07	Ordinary	11,629	11,
	The Vanguard Group, Inc.	SELL	73.09	Ordinary	(744)	(
	The Vanguard Group, Inc.	BUY	73.42	Ordinary	57	
	The Vanguard Group, Inc.	BUY	72.18	Ordinary	814	
	The Vanguard Group, Inc.	BUY	72.18	Ordinary	324	
22-Jan-2019	The Vanguard Group, Inc.	BUY	72.18	· · · ·	342	
	T 16 .					
22-Jan-2019	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	71.99	Ordinary Ordinary	(11,448) 1,727	(11,-

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities	Person's votes affected
	The Vanguard Group, Inc.	BUY	72.07	Ordinary	10,181	10,181
	The Vanguard Group, Inc.	SELL	72.14	Ordinary	(24,804)	(24,804
	The Vanguard Group, Inc.	BUY	72.51	Ordinary	1,091	1,091
	The Vanguard Group, Inc.	BUY	72.51	Ordinary	25,642	25,642
	The Vanguard Group, Inc.	BUY	72.51	Ordinary	40	40
24-Jan-2019	The Vanguard Group, Inc.	BUY	72.39	Ordinary	339	339
24-Jan-2019	The Vanguard Group, Inc.	BUY	72.39	Ordinary	1,941	1,941
24-Jan-2019	The Vanguard Group, Inc.	SELL	72.60	Ordinary	(24,804)	(24,804
25-Jan-2019	The Vanguard Group, Inc.	BUY	72.59	Ordinary	7,992	7,992
25-Jan-2019	The Vanguard Group, Inc.	BUY	72.59	Ordinary	3,976	3,976
25-Jan-2019	The Vanguard Group, Inc.	BUY	72.57	Ordinary	974	974
28-Jan-2019	The Vanguard Group, Inc.	SELL	72.37	Ordinary	(7,014)	(7,014
29-Jan-2019	The Vanguard Group, Inc.	BUY	71.35	Ordinary	944	944
29-Jan-2019	The Vanguard Group, Inc.	BUY	72.02	Ordinary	78	78
29-Jan-2019	The Vanguard Group, Inc.	BUY	71.35	Ordinary	87	87
	The Vanguard Group, Inc.	SELL	71.43	Ordinary	(15,264)	(15,264
	The Vanguard Group, Inc.	SELL	71.43	Ordinary	(36,252)	(36,252
	The Vanguard Group, Inc.	SELL	71.43	Ordinary	(15,264)	(15,264
	The Vanguard Group, Inc.	SELL	71.43	Ordinary	(2,424)	(2,424
	The Vanguard Group, Inc.	SELL	72.02	Ordinary	(635)	(635
	The Vanguard Group, Inc.	SELL	71.43	Ordinary	(4,676)	(4,676
	The Vanguard Group, Inc.	BUY	71.24	Ordinary	48,566	48,566
	The Vanguard Group, Inc.	BUY	71.23	Ordinary	55	55
	The Vanguard Group, Inc.	BUY	71.57	Ordinary	2,065	2,065
	The Vanguard Group, Inc.	SELL	71.23	Ordinary	(10,590)	(10,590
	The Vanguard Group, Inc.	SELL	71.57	Ordinary	(7,014)	(7,014
	The Vanguard Group, Inc.	SELL	71.24	Ordinary	(10,880)	(10,880
	The Vanguard Group, Inc.	BUY	69.91	Ordinary	954	954
	The Vanguard Group, Inc.	BUY	69.91	Ordinary	215	215
	The Vanguard Group, Inc.	BUY SELL	71.24	Ordinary	4,549 (2,020)	4,549
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	70.10	Ordinary Ordinary	(19,873)	(2,020 (19,873
	The Vanguard Group, Inc.	BUY	69.23	Ordinary	57	57
	The Vanguard Group, Inc.	BUY	69.23	Ordinary	526	526
	The Vanguard Group, Inc.	BUY	69.45	Ordinary	821	821
	The Vanguard Group, Inc.	SELL	70.50	Ordinary	(3,232)	(3,232
	The Vanguard Group, Inc.	SELL	70.50	Ordinary	(2,828)	(2,828
	The Vanguard Group, Inc.	BUY	73.69	Ordinary	1,799	1,799
	The Vanguard Group, Inc.	BUY	73.69	Ordinary	64,895	64,895
	The Vanguard Group, Inc.	BUY	73.81	Ordinary	3,245	3,245
5-Feb-2019	The Vanguard Group, Inc.	SELL	73.81	Ordinary	(2,828)	(2,828
7-Feb-2019	The Vanguard Group, Inc.	SELL	73.80	Ordinary	(13,288)	(13,288
7-Feb-2019	The Vanguard Group, Inc.	BUY	73.80	Ordinary	5,900	5,900
7-Feb-2019	The Vanguard Group, Inc.	SELL	73.80	Ordinary	(3,232)	(3,232
7-Feb-2019	The Vanguard Group, Inc.	SELL	73.80	Ordinary	(4,676)	(4,676
7-Feb-2019	The Vanguard Group, Inc.	SELL	73.80	Ordinary	(4,676)	(4,676
7-Feb-2019	The Vanguard Group, Inc.	SELL	72.59	Ordinary	(1,483)	(1,483
8-Feb-2019	The Vanguard Group, Inc.	BUY	74.75	Ordinary	22,202	22,202
	The Vanguard Group, Inc.	BUY	73.97	Ordinary	28,582	28,582
	The Vanguard Group, Inc.	SELL	74.91	Ordinary	(14,950)	(14,950
	The Vanguard Group, Inc.	BUY	73.97	Ordinary	4,724	4,724
	The Vanguard Group, Inc.	BUY	73.82	Ordinary	35,116	35,116
	The Vanguard Group, Inc.	BUY	74.59	Ordinary	4,404	4,404
	The Vanguard Group, Inc.	SELL	73.94	Ordinary	(10,350)	(10,350
	The Vanguard Group, Inc.	SELL	73.33	Ordinary	(91,499)	(91,499
	The Vanguard Group, Inc.	BUY	73.75	Ordinary	23,026	23,026
	The Vanguard Group, Inc.	BUY	71.70	Ordinary	85	85
	The Vanguard Group, Inc.	BUY	71.70	Ordinary	20,758	20,758
	The Vanguard Group, Inc.	BUY	71.21	Ordinary	9,141	9,141
	The Vanguard Group, Inc.	SELL	71.23	Ordinary	(6,900)	(6,900
	The Vanguard Group, Inc.	BUY	71.14	Ordinary	24,877	24,877
	The Vanguard Group, Inc.	BUY SELL	70.91	Ordinary Ordinary	1,419	1,419
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	70.50	Ordinary	(1,972) 21,617	(1,972 21,617
	The Vanguard Group, Inc.	SELL	70.48	Ordinary	(808)	-
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	71.17	Ordinary	(808)	(808)
		JLLL	70.50	Gruinary	(340)	(540
	The Vanguard Group, Inc.	BUY	70.97	Ordinary	6,231	6,231

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
20-Feb-2019	The Vanguard Group, Inc.	BUY	71.66	Ordinary	30,112	30,112
20-Feb-2019	The Vanguard Group, Inc.	BUY	71.66	Ordinary	911	911
20-Feb-2019	The Vanguard Group, Inc.	SELL	71.50	Ordinary	(891)	(891)
	The Vanguard Group, Inc.	BUY	71.78	Ordinary	17,160	17,160
20-Feb-2019	The Vanguard Group, Inc.	BUY	71.78	Ordinary	3,955	3,955
20-Feb-2019	The Vanguard Group, Inc.	SELL	71.66	Ordinary	(8,845)	(8,845
21-Feb-2019	The Vanguard Group, Inc.	BUY	73.10	Ordinary	475	475
21-Feb-2019	The Vanguard Group, Inc.	BUY	72.20	Ordinary	22,744	22,744
21-Feb-2019	The Vanguard Group, Inc.	SELL	72.98	Ordinary	(2,828)	(2,828)
	The Vanguard Group, Inc.	SELL	72.98	Ordinary	(5,800)	(5,800)
22-Feb-2019	The Vanguard Group, Inc.	BUY	73.18	Ordinary	58	58
	The Vanguard Group, Inc.	BUY	73.18	Ordinary	14,083	14,083
	The Vanguard Group, Inc.	BUY	73.18	Ordinary	13,149	13,149
	The Vanguard Group, Inc.	SELL	73.94	Ordinary	(11,716)	(11,716)
	The Vanguard Group, Inc.	BUY	73.18	Ordinary	1,771	1,771
	The Vanguard Group, Inc.	BUY	73.15	Ordinary	540	540
	The Vanguard Group, Inc.	BUY	73.65	Ordinary	7,935	7,935
26-Feb-2019	The Vanguard Group, Inc.	BUY	73.15	Ordinary	9,540	9,540
27-Feb-2019	The Vanguard Group, Inc.	BUY	73.47	Ordinary	954	954
27-Feb-2019	The Vanguard Group, Inc.	BUY	73.79	Ordinary	2,164	2,164
28-Feb-2019	The Vanguard Group, Inc.	BUY	73.87	Ordinary	17,250	17,250
28-Feb-2019	The Vanguard Group, Inc.	BUY	73.95	Ordinary	144	144
28-Feb-2019	The Vanguard Group, Inc.	SELL	73.51	Ordinary	(2,862)	(2,862)
28-Feb-2019	The Vanguard Group, Inc.	BUY	73.87	Ordinary	885	885
28-Feb-2019	The Vanguard Group, Inc.	SELL	73.95	Ordinary	(29,659)	(29,659)
1-Mar-2019	The Vanguard Group, Inc.	SELL	74.35	Ordinary	(4,401)	(4,401)
1-Mar-2019	The Vanguard Group, Inc.	BUY	74.35	Ordinary	1,276	1,276
1-Mar-2019	The Vanguard Group, Inc.	BUY	74.35	Ordinary	10,824	10,824
1-Mar-2019	The Vanguard Group, Inc.	SELL	74.35	Ordinary	(33,356)	(33,356
4-Mar-2019	The Vanguard Group, Inc.	SELL	74.05	Ordinary	(4,069)	(4,069)
4-Mar-2019	The Vanguard Group, Inc.	BUY	74.05	Ordinary	642	642
4-Mar-2019	The Vanguard Group, Inc.	BUY	74.05	Ordinary	33,681	33,681
4-Mar-2019	The Vanguard Group, Inc.	SELL	74.05	Ordinary	(36,576)	(36,576)
4-Mar-2019	The Vanguard Group, Inc.	BUY	74.05	Ordinary	938	938
5-Mar-2019	The Vanguard Group, Inc.	SELL	74.06	Ordinary	(8,590)	(8,590)
5-Mar-2019	The Vanguard Group, Inc.	BUY	74.06	Ordinary	120	120
5-Mar-2019	The Vanguard Group, Inc.	BUY	73.83	Ordinary	55,129	55,129
5-Mar-2019	The Vanguard Group, Inc.	BUY	73.80	Ordinary	1,053	1,053
	The Vanguard Group, Inc.	BUY	74.05	Ordinary	11,448	11,448
6-Mar-2019	The Vanguard Group, Inc.	BUY	74.75	Ordinary	131	131
6-Mar-2019	The Vanguard Group, Inc.	BUY	74.59	Ordinary	2,870	2,870
6-Mar-2019	The Vanguard Group, Inc.	BUY	74.59	Ordinary	992	992
	The Vanguard Group, Inc.	BUY	74.68	Ordinary	453	453
8-Mar-2019	The Vanguard Group, Inc.	BUY	73.32	Ordinary	630	630
8-Mar-2019	The Vanguard Group, Inc.	BUY	73.18	Ordinary	204	204
8-Mar-2019	The Vanguard Group, Inc.	BUY	73.18	Ordinary	1,031	1,031
	The Vanguard Group, Inc.	BUY	73.16	Ordinary	9,575	9,575
	The Vanguard Group, Inc.	BUY	74.00	Ordinary	6,392	6,392
11-Mar-2019	The Vanguard Group, Inc.	BUY	73.15	Ordinary	1,128	1,128
11-Mar-2019	The Vanguard Group, Inc.	BUY	73.10	Ordinary	954	954
	The Vanguard Group, Inc.	SELL	72.68	Ordinary	(8,408)	(8,408)
11-Mar-2019	The Vanguard Group, Inc.	BUY	72.68	Ordinary	10,192	10,192
12-Mar-2019	The Vanguard Group, Inc.	SELL	73.13	Ordinary	(6,254)	(6,254
13-Mar-2019	The Vanguard Group, Inc.	BUY	72.76	Ordinary	45,934	45,934
14-Mar-2019	The Vanguard Group, Inc.	BUY	72.93	Ordinary	99	99
	The Vanguard Group, Inc.	BUY	73.20	Ordinary	27,205	27,205
	The Vanguard Group, Inc.	SELL	72.93	Ordinary	(19,558)	(19,558)
	The Vanguard Group, Inc.	SELL	72.31	Ordinary	(3,986)	(3,986
	The Vanguard Group, Inc.	SELL	72.31	Ordinary	(3,414)	
	The Vanguard Group, Inc.	BUY	72.31	Ordinary	52	52
15-Mar-2019	The Vanguard Group, Inc.	BUY	72.31	Ordinary	22	22
15-Mar-2019	The Vanguard Group, Inc.	BUY	72.31	Ordinary	32	32
15-Mar-2019	The Vanguard Group, Inc.	BUY	72.31	Ordinary	78	78
15-Mar-2019	The Vanguard Group, Inc.	BUY	72.31	Ordinary	782	782
	The Vanguard Group, Inc.	BUY	72.31	Ordinary	334	334
15-Mar-2019	The Vanguard Group, Inc.	SELL	72.31	Ordinary	(25,999)	(25,999)
15-Mar-2019	The Vanguard Group, Inc.	SELL	72.31	Ordinary	(9,928)	(9,928
15-Mar-2019	The Vanguard Group, Inc.	BUY	72.31	Ordinary	2,095	2,095

			Consideration			
		Nature of	given in relation		Number of securities	
Date of change	Person whose relevant interest changed		to change(7)	Class	affected	affected
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	72.31	Ordinary Ordinary	900 1,301	900 1,301
	The Vanguard Group, Inc.	BUY	72.31	Ordinary	555	555
	The Vanguard Group, Inc.	BUY	72.04	Ordinary	4,466	4,466
	The Vanguard Group, Inc.	BUY	71.33	Ordinary	12,491	12,491
19-Mar-2019	The Vanguard Group, Inc.	BUY	71.33	Ordinary	460	460
19-Mar-2019	The Vanguard Group, Inc.	BUY	71.91	Ordinary	28,805	28,805
	The Vanguard Group, Inc.	BUY	71.09	Ordinary	37,710	37,710
	The Vanguard Group, Inc.	BUY	70.55	Ordinary	5,745	5,745
-	The Vanguard Group, Inc.	BUY	70.93	Ordinary	630	630
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	71.13	Ordinary Ordinary	1,108 180	1,108 180
	The Vanguard Group, Inc.	BUY	70.33	Ordinary	4,348	4,348
	The Vanguard Group, Inc.	BUY	71.39	Ordinary	14,732	14,732
	The Vanguard Group, Inc.	SELL	70.57	Ordinary	(12,602)	(12,602)
	The Vanguard Group, Inc.	SELL	70.57	Ordinary	(2,016)	(2,016)
25-Mar-2019	The Vanguard Group, Inc.	SELL	70.57	Ordinary	(2,165)	(2,165)
26-Mar-2019	The Vanguard Group, Inc.	BUY	70.71	Ordinary	45,826	45,826
27-Mar-2019	The Vanguard Group, Inc.	SELL	70.84	Ordinary	(208)	(208)
	The Vanguard Group, Inc.	SELL	70.60	Ordinary	(4,199)	(4,199)
	The Vanguard Group, Inc.	BUY	70.49	Ordinary	210	210
	The Vanguard Group, Inc.	BUY	70.49	Ordinary	34,303	34,303
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	70.60	Ordinary Ordinary	(1,140) 2,150	(1,140) 2,150
	The Vanguard Group, Inc.	BUY	70.84	Ordinary	2,130	2,130
	The Vanguard Group, Inc.	SELL	70.91	Ordinary	(5,225)	(5,225)
	The Vanguard Group, Inc.	BUY	70.81	Ordinary	24,422	24,422
	The Vanguard Group, Inc.	BUY	70.64	Ordinary	903	903
29-Mar-2019	The Vanguard Group, Inc.	SELL	70.64	Ordinary	(23,910)	(23,910)
29-Mar-2019	The Vanguard Group, Inc.	BUY	70.78	Ordinary	1,827	1,827
	The Vanguard Group, Inc.	BUY	70.64	Ordinary	39,842	39,842
	The Vanguard Group, Inc.	SELL	70.69	Ordinary	(2,050)	(2,050)
· · · · ·	The Vanguard Group, Inc.	BUY BUY	71.36	Ordinary	737	737 7,660
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	71.61	Ordinary Ordinary	7,660	2,150
	The Vanguard Group, Inc.	BUY	71.00	Ordinary	1,715	1,715
	The Vanguard Group, Inc.	BUY	71.90	Ordinary	53	53
· · · · · ·	The Vanguard Group, Inc.	BUY	71.90	Ordinary	41,122	41,122
3-Apr-2019	The Vanguard Group, Inc.	BUY	71.50	Ordinary	42,352	42,352
3-Apr-2019	The Vanguard Group, Inc.	BUY	71.50	Ordinary	6,552	6,552
	The Vanguard Group, Inc.	BUY	71.23	Ordinary	3,443	3,443
	The Vanguard Group, Inc.	SELL	71.23	Ordinary	(13,520)	(13,520)
	The Vanguard Group, Inc.	BUY	71.23	Ordinary	407	407
· · · · ·	The Vanguard Group, Inc.	BUY BUY	71.52	-	9,300 222	9,300
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	71.06	Ordinary Ordinary	6,380	6,380
	The Vanguard Group, Inc.	BUY	71.00	Ordinary	2,150	2,150
	The Vanguard Group, Inc.	SELL	70.71	Ordinary	(4,920)	(4,920)
	The Vanguard Group, Inc.	BUY	70.71	Ordinary	2,150	2,150
9-Apr-2019	The Vanguard Group, Inc.	SELL	70.25	Ordinary	(10,505)	(10,505)
	The Vanguard Group, Inc.	BUY	70.16	Ordinary	54,844	54,844
	The Vanguard Group, Inc.	BUY	70.75	Ordinary	1,833	1,833
	The Vanguard Group, Inc.	BUY	70.75	Ordinary	42,520	42,520
	The Vanguard Group, Inc.	BUY	70.75	Ordinary	919	919
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	70.19	Ordinary Ordinary	5,222 100	5,222 100
	The Vanguard Group, Inc.	BUY	70.19	Ordinary	100	100
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	BUY	70.95	Ordinary	149	149
	The Vanguard Group, Inc.	BUY	71.63	Ordinary	12,974	12,974
	The Vanguard Group, Inc.	BUY	70.95	Ordinary	14,405	14,405
	The Vanguard Group, Inc.	BUY	71.96	Ordinary	6,486	6,486
· · · · ·	The Vanguard Group, Inc.	BUY	71.96	Ordinary	2,897	2,897
	The Vanguard Group, Inc.	SELL	72.15	Ordinary	(2,870)	(2,870)
	The Vanguard Group, Inc.	BUY	72.69	Ordinary	903	903
· · · · ·	The Vanguard Group, Inc.	BUY BUY	72.13	Ordinary	10,274	10,274
10-Apr-2019	The Vanguard Group, Inc.	DUT	72.68	Ordinary	992	992
17-Apr-2010	The Vanguard Group, Inc.	BUY	73.11	Ordinary	29,012	29,012

Date of change	Person whose relevant interest changed	Nature of	Consideration given in relation to change(7)	Class	Number of securities	Person's votes affected
	The Vanguard Group, Inc.	SELL	74.20	Ordinary	(9,924)	(9,924)
,	The Vanguard Group, Inc.	BUY	74.53	Ordinary	6,462	6,462
	The Vanguard Group, Inc.	SELL	74.53	Ordinary	(1,640)	(1,640)
· · · · ·	The Vanguard Group, Inc.	BUY	75.16	Ordinary	1,695	1,695
	The Vanguard Group, Inc.	BUY	74.57	Ordinary	171	171
	The Vanguard Group, Inc.	BUY	74.57	Ordinary	35,155	35,155
	The Vanguard Group, Inc.	SELL	75.16	Ordinary	(20,660)	(20,660)
25-Apr-2019	The Vanguard Group, Inc.	SELL	75.18	Ordinary	(2,050)	(2,050)
26-Apr-2019	The Vanguard Group, Inc.	BUY	75.09	Ordinary	1,023	1,023
26-Apr-2019	The Vanguard Group, Inc.	BUY	75.06	Ordinary	43,039	43,039
26-Apr-2019	The Vanguard Group, Inc.	BUY	75.65	Ordinary	9,575	9,575
26-Apr-2019	The Vanguard Group, Inc.	SELL	75.65	Ordinary	(2,050)	(2,050)
26-Apr-2019	The Vanguard Group, Inc.	SELL	75.09	Ordinary	(764)	(764)
30-Apr-2019	The Vanguard Group, Inc.	BUY	74.55	Ordinary	1,494	1,494
30-Apr-2019	The Vanguard Group, Inc.	BUY	74.91	Ordinary	2,736	2,736
1-May-2019	The Vanguard Group, Inc.	BUY	74.81	Ordinary	161	161
2-May-2019	The Vanguard Group, Inc.	BUY	75.00	Ordinary	19,246	19,246
3-May-2019	The Vanguard Group, Inc.	BUY	74.98	Ordinary	1,841	1,841
3-May-2019	The Vanguard Group, Inc.	BUY	75.02	Ordinary	3,443	3,443
3-May-2019	The Vanguard Group, Inc.	BUY	74.87	Ordinary	3,731	3,731
3-May-2019	The Vanguard Group, Inc.	BUY	74.87	Ordinary	19,524	19,524
6-May-2019	The Vanguard Group, Inc.	SELL	75.34	Ordinary	(10,026)	(10,026)
7-May-2019	The Vanguard Group, Inc.	BUY	75.17	Ordinary	3,443	3,443
7-May-2019	The Vanguard Group, Inc.	BUY	74.61	Ordinary	332	332
7-May-2019	The Vanguard Group, Inc.	BUY	74.61	Ordinary	604	604
7-May-2019	The Vanguard Group, Inc.	BUY	75.19	Ordinary	6,544	6,544
	The Vanguard Group, Inc.	BUY	75.19	Ordinary	41,864	41,864
7-May-2019	The Vanguard Group, Inc.	BUY	74.28	Ordinary	3,590	3,590
	The Vanguard Group, Inc.	BUY	75.19	Ordinary	24,213	24,213
	The Vanguard Group, Inc.	BUY	74.74	Ordinary	1,482	1,482
	The Vanguard Group, Inc.	BUY	74.74	Ordinary	630	630
	The Vanguard Group, Inc.	BUY	74.49	Ordinary	8,504	8,504
	The Vanguard Group, Inc.	BUY	74.49	Ordinary	82	82
	The Vanguard Group, Inc.	SELL	74.70	Ordinary	(10,026)	(10,026)
	The Vanguard Group, Inc.	BUY	74.49	Ordinary	40,632	40,632
	The Vanguard Group, Inc.	BUY	74.49	Ordinary	11,040	11,040
	The Vanguard Group, Inc.	BUY	74.70	Ordinary	1,494	1,494
	The Vanguard Group, Inc.	BUY	74.74	Ordinary	1,298	1,298
	The Vanguard Group, Inc.	BUY	74.74	Ordinary	858	858
	The Vanguard Group, Inc.	BUY BUY	75.17	Ordinary	291	291
	The Vanguard Group, Inc.	BUY	74.72	Ordinary	27,043	27,043
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	75.16	Ordinary Ordinary	11,490 2,148	11,490 2,148
	The Vanguard Group, Inc.	BUY	75.40	,	630	630
	The Vanguard Group, Inc.	SELL	75.40		(27,860)	(27,860)
	The Vanguard Group, Inc.	BUY	75.40		1,941	1,941
	The Vanguard Group, Inc.	BUY	75.13	Ordinary	24,721	24,721
	The Vanguard Group, Inc.	BUY	75.13	,	9,072	9,072
	The Vanguard Group, Inc.	BUY	73.50	,	827	827
1	The Vanguard Group, Inc.	BUY	73.90		4,570	4,570
	The Vanguard Group, Inc.	BUY	73.90	Ordinary	903	903
	The Vanguard Group, Inc.	BUY	72.57	Ordinary	218	218
	The Vanguard Group, Inc.	BUY	72.70		4,040	4,040
	The Vanguard Group, Inc.	BUY	72.70		332	332
	The Vanguard Group, Inc.	SELL	72.78	Ordinary	(10,026)	(10,026)
	The Vanguard Group, Inc.	BUY	72.70	Ordinary	30,244	30,244
	The Vanguard Group, Inc.	BUY	72.78	Ordinary	4,916	4,916
1	The Vanguard Group, Inc.	BUY	72.78	,	1,074	1,074
	The Vanguard Group, Inc.	BUY	72.54	Ordinary	23,346	23,346
	The Vanguard Group, Inc.	BUY	72.53		62,998	62,998
	The Vanguard Group, Inc.	BUY	72.53	Ordinary	3,912	3,912
	The Vanguard Group, Inc.	BUY	73.28	Ordinary	275,619	275,619
	The Vanguard Group, Inc.	BUY	72.93		3,756	3,756
	The Vanguard Group, Inc.	BUY	72.93		20,602	20,602
	The Vanguard Group, Inc.	BUY	72.83	Ordinary	1,281	1,281
	The Vanguard Group, Inc.	BUY	73.34	Ordinary	291	291
	The Vanguard Group, Inc.	BUY	73.34	Ordinary	46,154	46,154
	The Vanguard Group, Inc.	BUY	73.34	,	22,160	22,160

Data of change	Darson whose relevant interest shores of	Nature of	Consideration given in relation	Class	Number of securities	Person's votes affected
Date of change	Person whose relevant interest changed	Change(6)	to change(7)	Class		
,	The Vanguard Group, Inc.	BUY BUY	77.14	Ordinary	3,590	3,590 341
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	78.97	Ordinary	341 8,375	8,375
,	U 17	BUY	78.97	Ordinary		
,	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	79.25	Ordinary Ordinary	92,558 10,442	92,558 10,442
	The Vanguard Group, Inc.	BUY	79.00	Ordinary	8,230	8,230
	The Vanguard Group, Inc.	BUY	79.00	Ordinary	54,102	54.102
	The Vanguard Group, Inc.	BUY	78.52	Ordinary	5,308	5,308
,	The Vanguard Group, Inc.	BUY	78.15	Ordinary	692	692
	The Vanguard Group, Inc.	BUY	78.48	Ordinary	26,113	26,113
,	The Vanguard Group, Inc.	BUY	78.18	Ordinary	2,929	2,929
,	The Vanguard Group, Inc.	BUY	77.62	Ordinary	2,929	2,929
	The Vanguard Group, Inc.	BUY	77.62	Ordinary	18,006	18,006
,	The Vanguard Group, Inc.	BUY	77.02	Ordinary	7,898	7,898
	The Vanguard Group, Inc.	BUY	77.61	Ordinary	9,575	9,575
,	The Vanguard Group, Inc.	SELL	77.01	Ordinary	(216)	(216)
	The Vanguard Group, Inc.	SELL	78.07	Ordinary	(210)	(23,629)
,	The Vanguard Group, Inc.	SELL	77.89	Ordinary	(1,285)	(23,029)
	The Vanguard Group, Inc.	BUY	77.89	Ordinary	1,720	1,720
,	The Vanguard Group, Inc.	BUY	77.53	Ordinary	3,264	3,264
	The Vanguard Group, Inc.	BUY	77.53	Ordinary	13,338	13,338
1	The Vanguard Group, Inc.	SELL	77.85			(4,100)
,	The Vanguard Group, Inc.	BUY	77.85	Ordinary Ordinary	(4,100) 630	(4,100) 630
· · · ·	The Vanguard Group, Inc.	BUY	77.52	,	31	31
1	o 1/	BUY	77.52	Ordinary Ordinary	45,063	45,063
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	77.52	Ordinary	(48,946)	(48,946)
	The Vanguard Group, Inc.	BUY	78.06	Ordinary	(48,946)	(48,946) 92
	The Vanguard Group, Inc.	BUY	78.51		60	60
,		BUY		Ordinary		24,250
,	The Vanguard Group, Inc.		78.06	Ordinary	24,250	· · · · ·
	The Vanguard Group, Inc.	BUY	78.06	Ordinary	2,332	2,332
	The Vanguard Group, Inc.	BUY SELL	78.06	Ordinary	1,503	1,503
	The Vanguard Group, Inc.		78.06	Ordinary	(603)	(603)
	The Vanguard Group, Inc.	BUY BUY	77.90	Ordinary	3,770 3,761	3,770 3,761
	The Vanguard Group, Inc.	BUY		Ordinary	· · · · ·	,
	The Vanguard Group, Inc.	BUY	78.26	Ordinary	17,199 4,807	17,199 4,807
	The Vanguard Group, Inc.	SELL	78.20	Ordinary	,	
	The Vanguard Group, Inc.			Ordinary	(2,050)	(2,050)
	The Vanguard Group, Inc.	SELL	79.39	Ordinary	(3,468)	(3,468)
	The Vanguard Group, Inc.	SELL	79.67	Ordinary	(13,368)	(13,368)
	The Vanguard Group, Inc.	SELL BUY	79.67	Ordinary	(6,684)	(6,684)
	The Vanguard Group, Inc.	SELL	79.03	Ordinary	34,289	34,289
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	79.00	Ordinary Ordinary	(563) 929	(563) 929
	0 17			-		
	The Vanguard Group, Inc.	SELL BUY	79.72	Ordinary	(58,856) 116	(58,856) 116
	The Vanguard Group, Inc.	BUY		Ordinary Ordinary		
	The Vanguard Group, Inc.		79.94	,	2,272	2,272
	The Vanguard Group, Inc.	BUY	80.00	Ordinary	6,532	6,532
	The Vanguard Group, Inc.	BUY	80.00	Ordinary	439	439
	The Vanguard Group, Inc.	BUY	79.82	Ordinary	24,831	24,831
	The Vanguard Group, Inc.	BUY	80.15	Ordinary	2,272	2,272
	The Vanguard Group, Inc.	BUY	80.15	Ordinary	996	996
	The Vanguard Group, Inc.	BUY	80.48	Ordinary	4,524	4,524
	The Vanguard Group, Inc.	BUY	80.48	Ordinary	1,494	1,494
	The Vanguard Group, Inc.	BUY	80.95	Ordinary	630	630
	The Vanguard Group, Inc.	BUY	80.95	Ordinary	380	380
	The Vanguard Group, Inc.	BUY	80.95	Ordinary	142	142
	The Vanguard Group, Inc.	BUY	80.10	Ordinary	33	33
	The Vanguard Group, Inc.	SELL	80.82	Ordinary	(8,400)	(8,400)
	The Vanguard Group, Inc.	BUY	80.10	Ordinary	8,971	8,971
	The Vanguard Group, Inc.	BUY	79.87	Ordinary	25,139	25,139
	The Vanguard Group, Inc.	BUY	79.87	Ordinary	1,272	1,272
	The Vanguard Group, Inc.	BUY	81.03	Ordinary	11,861	11,861
	The Vanguard Group, Inc.	BUY	79.81	Ordinary	4,524	4,524
	The Vanguard Group, Inc.	BUY	80.53	Ordinary	1,508	1,508
	The Vanguard Group, Inc.	SELL	80.27	Ordinary	(58,041)	(58,041)
	The Vanguard Group, Inc.	SELL	79.81	Ordinary	(93)	(93)
	The Vanguard Group, Inc.	SELL	79.81	Ordinary	(20)	(20)
14-lun-2019	The Vanguard Group, Inc.	SELL	79.86	Ordinary	(5,040)	(5,040)

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
14-Jun-2019	The Vanguard Group, Inc.	BUY	79.86	Ordinary	1,000	1,000
	The Vanguard Group, Inc.	BUY	79.86	,	1,000	1,000
	The Vanguard Group, Inc.	SELL	79.59	Ordinary	(46,987)	(46,987
	The Vanguard Group, Inc.	BUY SELL	80.19 80.19	Ordinary Ordinary	929 (14,619)	929 (14,619
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	80.19	Ordinary	(14,619)	(14,619) (13,710
	The Vanguard Group, Inc.	BUY	80.70	,	29,547	29,547
	The Vanguard Group, Inc.	BUY	81.74	Ordinary	2,308	2,308
	The Vanguard Group, Inc.	SELL	81.70	Ordinary	(6,932)	(6,932
	The Vanguard Group, Inc.	BUY	81.82	Ordinary	106	106
19-Jun-2019	The Vanguard Group, Inc.	BUY	81.82	Ordinary	29,070	29,070
20-Jun-2019	The Vanguard Group, Inc.	BUY	82.96	Ordinary	3,770	3,770
	The Vanguard Group, Inc.	BUY	82.24	Ordinary	696	696
	The Vanguard Group, Inc.	BUY	82.24	Ordinary	6	6
	The Vanguard Group, Inc.	BUY	82.24	Ordinary	4	4
	The Vanguard Group, Inc.	BUY	82.24	Ordinary	465	465
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	82.24 82.24	,	408	408
	The Vanguard Group, Inc.	BUY	82.24	Ordinary Ordinary	150	150
	The Vanguard Group, Inc.	BUY	82.24	Ordinary	875	875
	The Vanguard Group, Inc.	BUY	82.24	Ordinary	5	5
	The Vanguard Group, Inc.	BUY	82.24	Ordinary	544	544
	The Vanguard Group, Inc.	BUY	82.24	Ordinary	29	29
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.25	Ordinary	1,885	1,885
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	577	577
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	64,392	64,392
	The Vanguard Group, Inc.	SELL	82.24	Ordinary	(1,860)	(1,860
	The Vanguard Group, Inc.	BUY	82.24	,	1,468	1,468
	The Vanguard Group, Inc.	BUY	82.70	Ordinary	532	532
	The Vanguard Group, Inc.	BUY	82.59	Ordinary	9,624	9,624
	The Vanguard Group, Inc.	BUY BUY	82.38 82.47	Ordinary	3,627 9,802	3,627
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	82.47	Ordinary Ordinary	(5,040)	9,802
	The Vanguard Group, Inc.	BUY	82.47	Ordinary	21,207	21,207
	The Vanguard Group, Inc.	BUY	82.12	Ordinary	2,262	2,262
25-Jun-2019	The Vanguard Group, Inc.	BUY	82.12	Ordinary	3,393	3,393
26-Jun-2019	The Vanguard Group, Inc.	BUY	82.19	Ordinary	3,468	3,468
26-Jun-2019	The Vanguard Group, Inc.	BUY	82.19	Ordinary	5,018	5,018
	The Vanguard Group, Inc.	BUY	82.29	Ordinary	380	380
	The Vanguard Group, Inc.	BUY	82.09	Ordinary	4,524	4,524
	The Vanguard Group, Inc.	BUY	82.09	Ordinary	2,639	2,639
	The Vanguard Group, Inc.	BUY	82.29	Ordinary	5,545	5,545
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	83.00	Ordinary Ordinary	(1,394) 12,470	(1,394 12,470
	The Vanguard Group, Inc.	BUY		Ordinary	12,470	11,986
	The Vanguard Group, Inc.	BUY	82.12	,	2,019	2,019
	The Vanguard Group, Inc.	SELL	82.78	,	(193)	(193
	The Vanguard Group, Inc.	SELL	82.78	,	(59)	(59
28-Jun-2019	The Vanguard Group, Inc.	BUY	82.78	Ordinary	58,574	58,574
	The Vanguard Group, Inc.	BUY	82.88	Ordinary	4,950	4,950
	The Vanguard Group, Inc.	BUY	83.50	,	2,446	2,446
	The Vanguard Group, Inc.	BUY	83.50	Ordinary	936	936
	The Vanguard Group, Inc.	BUY	82.28	-	990	990
	The Vanguard Group, Inc.	BUY	81.05		32,740	32,740
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	81.05 82.22	Ordinary Ordinary	(21) 5,883	(21 5,883
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	82.22	Ordinary	3,393	3,393
	The Vanguard Group, Inc.	BUY	80.55	Ordinary	8,855	8,855
	The Vanguard Group, Inc.	BUY	80.55	-	6,614	6,614
	The Vanguard Group, Inc.	BUY	80.55	Ordinary	779	779
	The Vanguard Group, Inc.	BUY	80.55	Ordinary	17,493	17,493
4-Jul-2019	The Vanguard Group, Inc.	BUY	81.57	Ordinary	15,857	15,857
	The Vanguard Group, Inc.	BUY	81.44	,	192	192
	The Vanguard Group, Inc.	BUY	82.26	,	468	468
	The Vanguard Group, Inc.	BUY	82.29	,	7,720	7,720
8-lul-2019	The Vanguard Group, Inc.	BUY	82.00	Ordinary	493	493
	The Vanguard Group, Inc.	BUY	80.97	Ordinary	802	802

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
-	The Vanguard Group, Inc.	BUY	80.69	Ordinary	14,577	14,57
9-Jul-2019	The Vanguard Group, Inc.	BUY	81.26	Ordinary	3,770	3,77
10-Jul-2019	The Vanguard Group, Inc.	BUY	81.24	Ordinary	5,264	5,26
	The Vanguard Group, Inc.	BUY	81.54	Ordinary	19,453	19,45
	The Vanguard Group, Inc.	BUY	81.54	Ordinary	15,202	15,20
	The Vanguard Group, Inc.	BUY	81.54	Ordinary	782	78
	The Vanguard Group, Inc.	BUY	81.54	Ordinary	6,996	6,99
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	80.88 80.88	Ordinary	637 849	63
	The Vanguard Group, Inc.	SELL	81.52	Ordinary Ordinary	(26,968)	(26,96
	The Vanguard Group, Inc.	BUY	81.52	Ordinary	7,483	7,48
	The Vanguard Group, Inc.	BUY	81.58	Ordinary	13,888	13,88
	The Vanguard Group, Inc.	SELL	81.52	Ordinary	(7,696)	(7,69
	The Vanguard Group, Inc.	BUY	80.98	Ordinary	11,580	11,58
	The Vanguard Group, Inc.	SELL	81.06	Ordinary	(2,413)	(2,4)
	The Vanguard Group, Inc.	BUY	80.97	Ordinary	114	1:
	The Vanguard Group, Inc.	BUY	80.97	Ordinary	17,688	17,68
	The Vanguard Group, Inc.	SELL	81.32	Ordinary	(1,080)	(1,08
17-Jul-2019	The Vanguard Group, Inc.	BUY	80.82	Ordinary	18,914	18,91
17-Jul-2019	The Vanguard Group, Inc.	BUY	81.12	Ordinary	2,639	2,63
17-Jul-2019	The Vanguard Group, Inc.	BUY	81.12	Ordinary	1,885	1,88
17-Jul-2019	The Vanguard Group, Inc.	BUY	81.12	Ordinary	3,770	3,77
18-Jul-2019	The Vanguard Group, Inc.	SELL	81.15	Ordinary	(4,834)	(4,83
18-Jul-2019	The Vanguard Group, Inc.	BUY	81.38	Ordinary	756	7:
18-Jul-2019	The Vanguard Group, Inc.	BUY	81.15	Ordinary	12,519	12,5
19-Jul-2019	The Vanguard Group, Inc.	BUY	81.86	Ordinary	2,156	2,1
22-Jul-2019	The Vanguard Group, Inc.	SELL	81.85	Ordinary	(31,182)	(31,1
22-Jul-2019	The Vanguard Group, Inc.	BUY	81.96	Ordinary	3,770	3,7
22-Jul-2019	The Vanguard Group, Inc.	BUY	81.96	Ordinary	9,650	9,6
22-Jul-2019	The Vanguard Group, Inc.	BUY	81.96	Ordinary	9,650	9,6
	The Vanguard Group, Inc.	BUY	81.96	Ordinary	2,156	2,1
	The Vanguard Group, Inc.	BUY	81.55	Ordinary	630	6
	The Vanguard Group, Inc.	BUY	81.55	Ordinary	2,327	2,3
	The Vanguard Group, Inc.	BUY	81.89	Ordinary	5,452	5,4
	The Vanguard Group, Inc.	BUY	81.89	Ordinary	204	2
	The Vanguard Group, Inc.	BUY	81.80	Ordinary	3,770	3,7
	The Vanguard Group, Inc.	BUY	81.98	Ordinary	39,293	39,2
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	82.73	Ordinary	9,975 3,738	9,9
	The Vanguard Group, Inc.	SELL	82.77	Ordinary Ordinary	(6,894)	(6,8
	The Vanguard Group, Inc.	BUY	82.59	Ordinary	476	(0,8
	The Vanguard Group, Inc.	BUY	83.02	Ordinary	15,627	15,6
	The Vanguard Group, Inc.	BUY	82.89	,	3,393	3,3
	The Vanguard Group, Inc.	BUY	82.89	Ordinary	6,230	6,2
	The Vanguard Group, Inc.	BUY	82.89	Ordinary	2,156	2,1
	The Vanguard Group, Inc.	SELL	83.25	Ordinary	(38,429)	(38,4
	The Vanguard Group, Inc.	BUY	83.45	Ordinary	3,469	3,4
	The Vanguard Group, Inc.	BUY	83.40	Ordinary	22,884	22,8
	The Vanguard Group, Inc.	SELL	83.46	Ordinary	(6,720)	(6,7
	The Vanguard Group, Inc.	SELL	83.49	Ordinary	(564)	(5
30-Jul-2019	The Vanguard Group, Inc.	BUY	83.46	Ordinary	980	9
31-Jul-2019	The Vanguard Group, Inc.	BUY	82.07	Ordinary	3,393	3,3
1-Aug-2019	The Vanguard Group, Inc.	SELL	81.92	Ordinary	(66,424)	(66,4
1-Aug-2019	The Vanguard Group, Inc.	SELL	81.50	Ordinary	(621)	(6
1-Aug-2019	The Vanguard Group, Inc.	SELL	81.50	Ordinary	(983)	(9
1-Aug-2019	The Vanguard Group, Inc.	BUY	81.82	Ordinary	73,185	73,1
1-Aug-2019	The Vanguard Group, Inc.	BUY	81.57	Ordinary	17,370	17,3
2-Aug-2019	The Vanguard Group, Inc.	BUY	81.60	Ordinary	249	2
=	The Vanguard Group, Inc.	BUY	81.60	Ordinary	45,686	45,6
2-Aug-2019	The Vanguard Group, Inc.	BUY	81.75	Ordinary	4,984	4,9
5-Aug-2019	The Vanguard Group, Inc.	BUY	81.21	Ordinary	1,260	1,2
5-Aug-2019	The Vanguard Group, Inc.	BUY	80.54	Ordinary	3,770	3,7
5-Aug-2019	The Vanguard Group, Inc.	BUY	82.00	Ordinary	7,023	7,0
	The Vanguard Group, Inc.	SELL	80.54	Ordinary	(2,075)	(2,0
5-Aug-2019						
	The Vanguard Group, Inc.	SELL	80.54	Ordinary	(830)	(8
5-Aug-2019	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	80.54 80.54	Ordinary Ordinary	(830) 6,230	(8 6,2

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
6-Aug-2019	The Vanguard Group, Inc.	BUY	79.77	Ordinary	17,010	17,010
*	The Vanguard Group, Inc.	BUY	79.80	Ordinary	953	953
	The Vanguard Group, Inc.	BUY	79.71	Ordinary	43,328	43,328
*	The Vanguard Group, Inc.	SELL	80.30	Ordinary	(7,055)	(7,055
	The Vanguard Group, Inc.	SELL BUY	80.30	Ordinary	(3,320)	(3,320
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	80.30 80.30	Ordinary Ordinary	1,095 1,000	1,095 1,000
	The Vanguard Group, Inc.	BUY	77.78	Ordinary	42,841	42,841
0	The Vanguard Group, Inc.	BUY	77.78	Ordinary	9,535	9,535
-	The Vanguard Group, Inc.	SELL	77.81	Ordinary	(700)	(700
	The Vanguard Group, Inc.	BUY	77.78	Ordinary	23,375	23,375
*	The Vanguard Group, Inc.	BUY	78.70	Ordinary	1,601	1,601
8-Aug-2019	The Vanguard Group, Inc.	BUY	78.96	Ordinary	2,645	2,645
8-Aug-2019	The Vanguard Group, Inc.	BUY	77.60	Ordinary	3,608	3,608
8-Aug-2019	The Vanguard Group, Inc.	SELL	79.28	Ordinary	(8,400)	(8,400
8-Aug-2019	The Vanguard Group, Inc.	BUY	77.60	Ordinary	20,085	20,085
-	The Vanguard Group, Inc.	BUY	79.54	Ordinary	669	669
-	The Vanguard Group, Inc.	BUY	79.54	Ordinary	23,851	23,851
	The Vanguard Group, Inc.	BUY	79.35	Ordinary	3,285	3,285
*	The Vanguard Group, Inc.	BUY	79.94	Ordinary	630	630
*	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	79.46	Ordinary	112	112
v	The Vanguard Group, Inc.	BUY	79.64	Ordinary Ordinary	6,032 1,151	6,032 1,151
	The Vanguard Group, Inc.	SELL	79.77	Ordinary	(11,760)	(11,760
*	The Vanguard Group, Inc.	BUY	79.55	Ordinary	13,857	13,857
	The Vanguard Group, Inc.	BUY	79.55	Ordinary	10,262	10,262
	The Vanguard Group, Inc.	BUY	79.77	Ordinary	2,190	2,190
-	The Vanguard Group, Inc.	BUY	76.63	Ordinary	929	929
14-Aug-2019	The Vanguard Group, Inc.	SELL	77.40	Ordinary	(4,315)	(4,315
14-Aug-2019	The Vanguard Group, Inc.	BUY	77.40	Ordinary	15,971	15,971
14-Aug-2019	The Vanguard Group, Inc.	BUY	77.40	Ordinary	4,902	4,902
	The Vanguard Group, Inc.	BUY	74.34	Ordinary	1,281	1,281
*	The Vanguard Group, Inc.	BUY	75.10	Ordinary	39	39
	The Vanguard Group, Inc.	SELL	74.21	Ordinary	(10,080)	(10,080
*	The Vanguard Group, Inc.	BUY	75.10	Ordinary	50,326	50,326
-	The Vanguard Group, Inc.	BUY BUY	75.10	Ordinary	2,099 4,295	2,099 4,295
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	75.12	Ordinary Ordinary	4,295	4,295
, second s	The Vanguard Group, Inc.	BUY	73.12	Ordinary	47,975	47,975
-	The Vanguard Group, Inc.	BUY	75.12	Ordinary	24,889	24,889
	The Vanguard Group, Inc.	BUY	75.12	Ordinary	4,065	4,065
-	The Vanguard Group, Inc.	BUY	76.29	Ordinary	19,078	19,078
-	The Vanguard Group, Inc.	SELL	76.29	,	(1,247)	
19-Aug-2019	The Vanguard Group, Inc.	BUY	75.94	Ordinary	3,750	3,750
19-Aug-2019	The Vanguard Group, Inc.	BUY	76.43	Ordinary	1,000	1,000
20-Aug-2019	The Vanguard Group, Inc.	SELL	76.70	Ordinary	(2,648)	(2,648
*	The Vanguard Group, Inc.	BUY	76.71	Ordinary	67	67
-	The Vanguard Group, Inc.	BUY	76.71	Ordinary	37,703	37,703
*	The Vanguard Group, Inc.	SELL	76.91	Ordinary	(1,720)	
	The Vanguard Group, Inc.	BUY	76.91	Ordinary	1,000	1,000
•	The Vanguard Group, Inc.	BUY	77.48	Ordinary	266	266
	The Vanguard Group, Inc.	BUY	77.07	Ordinary	7,540	7,540
-	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	77.34	Ordinary Ordinary	(28,555) 1,000	(28,555
-	The Vanguard Group, Inc.	BUY	77.02	Ordinary	3,581	3,581
*	The Vanguard Group, Inc.	BUY	77.15	Ordinary	2,919	2,919
	The Vanguard Group, Inc.	BUY	77.15	Ordinary	2,515	2,515
-	The Vanguard Group, Inc.	SELL	77.12	Ordinary	(7,778)	
-	The Vanguard Group, Inc.	BUY	76.90	Ordinary	22,725	22,725
-	The Vanguard Group, Inc.	BUY	76.61	Ordinary	401	401
28-Aug-2019	The Vanguard Group, Inc.	BUY	76.61	Ordinary	6,181	6,181
28-Aug-2019	The Vanguard Group, Inc.	SELL	76.61	Ordinary	(3,172)	(3,172
29-Aug-2019	The Vanguard Group, Inc.	BUY	77.41	Ordinary	25,053	25,053
30-Aug-2019	The Vanguard Group, Inc.	BUY	77.82	Ordinary	23,083	23,083
*	The Vanguard Group, Inc.	BUY	79.05	Ordinary	24,266	24,266
	The Vanguard Group, Inc.	BUY	78.94	Ordinary	17,731	17,731
	The Vanguard Group, Inc.	BUY	78.94	Ordinary	180	180
4-Sep-2019	The Vanguard Group, Inc.	SELL	77.89	Ordinary	(628)	(628

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
5-Sep-2019	The Vanguard Group, Inc.	BUY	79.18	Ordinary	32,370	32,370
6-Sep-2019	The Vanguard Group, Inc.	BUY	79.54	Ordinary	929	929
6-Sep-2019	The Vanguard Group, Inc.	SELL	79.51	Ordinary	(3,684)	
	The Vanguard Group, Inc.	BUY	79.54	Ordinary	749	749
	The Vanguard Group, Inc.	BUY	79.51	Ordinary	10,107	10,107
	The Vanguard Group, Inc.	SELL	79.51	Ordinary	(569)	(569)
	The Vanguard Group, Inc.	BUY	79.88	Ordinary	4,901	4,901
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	79.99 80.90	Ordinary Ordinary	(223) 4,901	(223)
	The Vanguard Group, Inc.	BUY	80.90	Ordinary	4,501	4,901
	The Vanguard Group, Inc.	BUY	81.29	Ordinary	11,618	11,618
	The Vanguard Group, Inc.	BUY	81.55	Ordinary	3,770	3,770
	The Vanguard Group, Inc.	SELL	81.75	Ordinary	(429)	(429
	The Vanguard Group, Inc.	BUY	81.69	Ordinary	9,769	9,769
	The Vanguard Group, Inc.	BUY	81.83	Ordinary	5,049	5,049
	The Vanguard Group, Inc.	BUY	81.83	Ordinary	1,000	1,000
17-Sep-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	643	643
18-Sep-2019	The Vanguard Group, Inc.	SELL	81.74	Ordinary	(4,747)	(4,747)
18-Sep-2019	9 The Vanguard Group, Inc.	BUY	81.93	Ordinary	3,393	3,393
20-Sep-2019	The Vanguard Group, Inc.	SELL	82.19	Ordinary	(2,060)	(2,060)
20-Sep-2019	The Vanguard Group, Inc.	SELL	82.19	Ordinary	(116)	(116
20-Sep-2019	The Vanguard Group, Inc.	BUY	82.18	Ordinary	25	25
20-Sep-2019	The Vanguard Group, Inc.	SELL	82.19	Ordinary	(3,001)	(3,001
	The Vanguard Group, Inc.	SELL	82.19	Ordinary	(253,993)	(253,993)
	9 The Vanguard Group, Inc.	BUY	82.18	Ordinary	6,574	6,574
	The Vanguard Group, Inc.	SELL	82.19	Ordinary	(6,641)	(6,641
	The Vanguard Group, Inc.	SELL	82.19	Ordinary	(1,142)	(1,142)
) The Vanguard Group, Inc.	BUY	82.18	Ordinary	307	307
) The Vanguard Group, Inc.	SELL	82.19	Ordinary	(4,060)	(4,060)
	The Vanguard Group, Inc.	BUY	82.18	Ordinary	1,191	1,191
1	The Vanguard Group, Inc.	BUY	82.06	Ordinary	3,770	3,770
	The Vanguard Group, Inc.	BUY	82.10	Ordinary	2,329	2,329
	The Vanguard Group, Inc.	BUY	82.10	Ordinary	26,825	26,825
	The Vanguard Group, Inc.	SELL	82.10	Ordinary	(1,193)	(1,193)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	82.10 81.58	Ordinary Ordinary	765	765 386
	The Vanguard Group, Inc.	BUY	81.58	Ordinary	26,382	26,382
	The Vanguard Group, Inc.	BUY	81.38	Ordinary	134	134
	The Vanguard Group, Inc.	BUY	81.71	Ordinary	982	982
	The Vanguard Group, Inc.	BUY	81.86	Ordinary	3,770	3,770
	The Vanguard Group, Inc.	BUY	81.71	Ordinary	5,106	5,106
	The Vanguard Group, Inc.	BUY	81.18	Ordinary	8,092	8,092
	The Vanguard Group, Inc.	BUY	81.71		8,202	8,202
27-Sep-2019	The Vanguard Group, Inc.	BUY	81.54	Ordinary	618	618
	The Vanguard Group, Inc.	SELL	81.54	Ordinary	(792)	(792
30-Sep-2019	9 The Vanguard Group, Inc.	SELL	81.51	Ordinary	(3,819)	(3,819)
	The Vanguard Group, Inc.	SELL	80.83	Ordinary	(541)	(541
30-Sep-2019	The Vanguard Group, Inc.	BUY	80.82	Ordinary	2,152	2,152
	The Vanguard Group, Inc.	BUY	81.28	Ordinary	3,444	3,444
	The Vanguard Group, Inc.	BUY	81.28	Ordinary	941	941
	The Vanguard Group, Inc.	BUY	81.28	Ordinary	31	31
	The Vanguard Group, Inc.	BUY	79.60	Ordinary	138	138
	The Vanguard Group, Inc.	BUY	80.00	Ordinary	1,457	1,457
	The Vanguard Group, Inc.	BUY	79.08	Ordinary	1,076	1,076
	The Vanguard Group, Inc.	BUY	79.08	Ordinary	1,000	1,000
	The Vanguard Group, Inc.	BUY	77.97	Ordinary	47,219	47,219
	The Vanguard Group, Inc.	BUY	77.59	Ordinary	645	645
	The Vanguard Group, Inc.	BUY	77.51	Ordinary	484	484
	The Vanguard Group, Inc.	BUY	77.59	Ordinary	24,912	24,912
	The Vanguard Group, Inc.	BUY BUY	78.08	Ordinary	1,000	1,000
	The Vanguard Group, Inc.		78.28	Ordinary	3,810	3,810
	The Vanguard Group, Inc.	BUY BUY	78.39	Ordinary	211	211 1,000
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	78.08	Ordinary	1,000 3,770	3,770
	The Vanguard Group, Inc.	BUY	78.33	Ordinary Ordinary	3,770	3,770
		SELL	78.33	Ordinary	(3,108)	
10_0ct_2010						10.100
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	79.76	Ordinary	3,016	3,016

	5

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities	Person's votes affected
	The Vanguard Group, Inc.	BUY	80.43	Ordinary	645	645
16-Oct-2019	The Vanguard Group, Inc.	BUY	80.27	Ordinary	2,152	2,152
17-Oct-2019	The Vanguard Group, Inc.	BUY	80.68	Ordinary	19,211	19,211
17-Oct-2019	The Vanguard Group, Inc.	BUY	80.68	Ordinary	5,106	5,106
	The Vanguard Group, Inc.	BUY	79.65	Ordinary	423	423
	The Vanguard Group, Inc.	BUY	79.79	Ordinary	930	930
	The Vanguard Group, Inc.	BUY	79.20	Ordinary	297	297
	The Vanguard Group, Inc.	BUY	79.94	Ordinary	2,152	2,152
	The Vanguard Group, Inc.	BUY	79.69	Ordinary	4,731	4,731
	The Vanguard Group, Inc.	BUY	79.73	Ordinary	461	461
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	80.08	Ordinary Ordinary	3,770 (20,115)	3,770 (20,115
	The Vanguard Group, Inc.	BUY	79.73	Ordinary	211	211
	The Vanguard Group, Inc.	BUY	80.12	Ordinary	7,953	7,953
	The Vanguard Group, Inc.	BUY	80.70	Ordinary	930	930
	The Vanguard Group, Inc.	BUY	80.70	,	20,977	20,977
	The Vanguard Group, Inc.	SELL	80.70	, Ordinary	(47)	(47
25-Oct-2019	The Vanguard Group, Inc.	SELL	80.89	Ordinary	(20,460)	(20,460
25-Oct-2019	The Vanguard Group, Inc.	BUY	80.89	Ordinary	2,160	2,160
25-Oct-2019	The Vanguard Group, Inc.	BUY	80.89	Ordinary	1,506	1,506
	The Vanguard Group, Inc.	BUY	80.48	Ordinary	54,874	54,874
	The Vanguard Group, Inc.	BUY	80.46	Ordinary	1,436	1,436
	The Vanguard Group, Inc.	SELL	80.46	Ordinary	(16,891)	(16,891
	The Vanguard Group, Inc.	BUY	80.06	Ordinary	4,310	4,310
	The Vanguard Group, Inc.	SELL	78.66	Ordinary	(24,287)	(24,287
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	78.10	Ordinary	563 (238)	563 (238
	The Vanguard Group, Inc.	BUY	77.65	Ordinary Ordinary	1,564	1,564
	The Vanguard Group, Inc.	BUY	77.65	Ordinary	1,304	1,304
	The Vanguard Group, Inc.	BUY	77.65	Ordinary	783	783
	The Vanguard Group, Inc.	BUY	77.65	Ordinary	9,440	9,440
	The Vanguard Group, Inc.	SELL	77.65	Ordinary	(6,587)	(6,587
5-Nov-2019	The Vanguard Group, Inc.	BUY	77.68	Ordinary	7,540	7,540
5-Nov-2019	The Vanguard Group, Inc.	SELL	77.65	Ordinary	(603)	(603
5-Nov-2019	The Vanguard Group, Inc.	BUY	77.65	Ordinary	5,913	5,913
6-Nov-2019	The Vanguard Group, Inc.	BUY	78.23	Ordinary	675	675
	The Vanguard Group, Inc.	BUY	78.23	Ordinary	55,961	55,961
	The Vanguard Group, Inc.	BUY	78.09	Ordinary	3,770	3,770
	The Vanguard Group, Inc.	BUY	78.23	Ordinary	3,992	3,992
	The Vanguard Group, Inc.	BUY	78.23	Ordinary	942	942
	The Vanguard Group, Inc.	BUY	79.04	Ordinary	556	556
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	78.60	,	7,492	7,492
	The Vanguard Group, Inc.	BUY	78.98	,	2,676	4,391 2,676
	The Vanguard Group, Inc.	BUY	78.60	Ordinary	666	666
	The Vanguard Group, Inc.	BUY	79.17	Ordinary	925	925
	The Vanguard Group, Inc.	BUY	79.06		5,112	5,112
	The Vanguard Group, Inc.	BUY	79.17	,	110	110
	The Vanguard Group, Inc.	BUY	79.41	Ordinary	1,004	1,004
	The Vanguard Group, Inc.	BUY	80.05	Ordinary	374	374
	The Vanguard Group, Inc.	BUY	79.59	Ordinary	302	302
11-Nov-2019	The Vanguard Group, Inc.	BUY	80.12	Ordinary	5,278	5,278
	The Vanguard Group, Inc.	BUY	80.83	,	219	219
	The Vanguard Group, Inc.	BUY	80.83	Ordinary	98	98
	The Vanguard Group, Inc.	BUY	79.39	Ordinary	2,235	2,235
	The Vanguard Group, Inc.	BUY	79.36		10,818	10,818
	The Vanguard Group, Inc.	BUY	79.77	Ordinary	1,781	1,781
	The Vanguard Group, Inc.	BUY BUY	80.69	Ordinary Ordinary	89 3,016	89 3,016
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	80.71	,	3,016	3,016
	The Vanguard Group, Inc.	BUY	80.19	,	1,095	1,095
	The Vanguard Group, Inc.	BUY	80.71	,	1,004	1,004
	The Vanguard Group, Inc.	BUY	80.34	,	1,830	1,850
	The Vanguard Group, Inc.	BUY	80.43	Ordinary	4,147	4,147
	The Vanguard Group, Inc.	BUY	80.43	Ordinary	3,240	3,240
	The Vanguard Group, Inc.	BUY	80.67	Ordinary	973	973
	The Vanguard Group, Inc.	BUY	80.67	Ordinary	925	925
	The Vanguard Group, Inc.	BUY	80.10		1,926	1,926

		Nature of	Consideration given in relation		Number of securities	
Date of change	Person whose relevant interest changed		to change(7)	Class	affected	affected
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	79.60	Ordinary	504 482	504 482
	The Vanguard Group, Inc.	BUY	79.80	Ordinary Ordinary	318	318
	The Vanguard Group, Inc.	BUY	79.41	Ordinary	1,004	1,004
	The Vanguard Group, Inc.	BUY	79.60	Ordinary	1,220	1,220
22-Nov-2019	The Vanguard Group, Inc.	BUY	79.60	Ordinary	194	194
	The Vanguard Group, Inc.	BUY	79.67	Ordinary	6,032	6,032
	The Vanguard Group, Inc.	SELL	79.33	Ordinary	(1,229)	(1,229)
	The Vanguard Group, Inc.	BUY BUY	79.89	Ordinary	610	610
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	80.15	Ordinary Ordinary	7,540	7,540 9,286
	The Vanguard Group, Inc.	BUY	80.73	Ordinary	18,424	18,424
	The Vanguard Group, Inc.	BUY	80.74	Ordinary	166	166
	The Vanguard Group, Inc.	BUY	80.77	Ordinary	2,235	2,235
	The Vanguard Group, Inc.	SELL	80.74	Ordinary	(263)	(263)
	The Vanguard Group, Inc.	BUY	80.77	Ordinary	502	502
	The Vanguard Group, Inc.	BUY	81.69	Ordinary	610	610
	The Vanguard Group, Inc.	BUY	81.69	Ordinary	3,202	3,202
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	81.69	Ordinary Ordinary	3,439 1,080	3,439 1,080
	The Vanguard Group, Inc.	BUY	80.82	Ordinary	610	610
	The Vanguard Group, Inc.	BUY	80.82	Ordinary	920	920
	The Vanguard Group, Inc.	BUY	80.82	Ordinary	540	540
29-Nov-2019	The Vanguard Group, Inc.	BUY	80.89	Ordinary	8,940	8,940
	The Vanguard Group, Inc.	BUY	80.89	Ordinary	1,004	1,004
	The Vanguard Group, Inc.	BUY	80.78	Ordinary	27,090	27,090
	The Vanguard Group, Inc.	BUY	79.34	Ordinary	1,840	1,840
	The Vanguard Group, Inc.	BUY	79.34	Ordinary	920	920
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	79.34	Ordinary Ordinary	8,404 935	8,404 935
	The Vanguard Group, Inc.	BUY	79.15	Ordinary	4,320	4,320
	The Vanguard Group, Inc.	BUY	77.81	Ordinary	2,309	2,309
	The Vanguard Group, Inc.	BUY	77.81	Ordinary	1,220	1,220
4-Dec-2019	The Vanguard Group, Inc.	BUY	77.81	Ordinary	16,168	16,168
	The Vanguard Group, Inc.	BUY	77.81	Ordinary	448	448
	The Vanguard Group, Inc.	BUY	78.50	Ordinary	7,181	7,181
	The Vanguard Group, Inc.	BUY	77.94	Ordinary	3,016	3,016
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	78.74	Ordinary Ordinary	17,362 6,604	17,362 6,604
	The Vanguard Group, Inc.	BUY	78.68	Ordinary	2,718	2,718
	The Vanguard Group, Inc.	BUY	78.99	Ordinary	31,451	31,451
	The Vanguard Group, Inc.	BUY	78.99	Ordinary	985	985
6-Dec-2019	The Vanguard Group, Inc.	BUY	78.98	Ordinary	284	284
	The Vanguard Group, Inc.	BUY	78.98	Ordinary	15,349	15,349
	The Vanguard Group, Inc.	BUY	79.26	Ordinary	5,761	5,761
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	79.42	Ordinary Ordinary	1,720 920	1,720 920
	The Vanguard Group, Inc.	BUY	80.31	Ordinary	341	341
	The Vanguard Group, Inc.	BUY	79.87	Ordinary	18,451	18,451
	The Vanguard Group, Inc.	BUY	80.03	Ordinary	4,524	4,524
	The Vanguard Group, Inc.	BUY	80.03	Ordinary	1,004	1,004
	The Vanguard Group, Inc.	BUY	80.03	Ordinary	1,004	1,004
	The Vanguard Group, Inc.	SELL	79.72	Ordinary	(936)	(936)
	The Vanguard Group, Inc.	BUY	79.72	Ordinary	118	118
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	80.03	Ordinary Ordinary	5,655 3,600	5,655 3,600
	The Vanguard Group, Inc.	SELL	80.03	Ordinary	(210)	(210)
	The Vanguard Group, Inc.	BUY	80.21	Ordinary	2,160	2,160
-	The Vanguard Group, Inc.	BUY	81.46	Ordinary	3,268	3,268
16-Dec-2019	The Vanguard Group, Inc.	BUY	81.43	Ordinary	1,004	1,004
	The Vanguard Group, Inc.	BUY	81.90	Ordinary	107	107
-	The Vanguard Group, Inc.	BUY	82.05	Ordinary	7,540	7,540
-	The Vanguard Group, Inc.	BUY	82.05	Ordinary	4,147	4,147
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	81.25	Ordinary Ordinary	(372) 916	(372) 916
	The Vanguard Group, Inc.	BUY	81.25	Ordinary	4,678	4,678
	The Vanguard Group, Inc.	BUY	81.86	Ordinary	344	344
	The Vanguard Group, Inc.	BUY	81.25	Ordinary	292	292

\rightarrow

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
20-Dec-2019	The Vanguard Group, Inc.	BUY	81.25	Ordinary	793	793
	The Vanguard Group, Inc.	SELL	81.25	Ordinary	(5,022)	(5,022
	The Vanguard Group, Inc.	SELL	81.25	Ordinary	(52,557)	(52,557
	The Vanguard Group, Inc.	SELL	81.25	Ordinary	(2,813)	(2,813
	The Vanguard Group, Inc.	SELL	81.25	Ordinary	(14,794)	(14,794
	The Vanguard Group, Inc.	BUY BUY	81.25 81.25	Ordinary	689 1,949	689
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	81.23	Ordinary Ordinary	42	1,949
	The Vanguard Group, Inc.	SELL	81.13	Ordinary	(5,621)	(5,621
	The Vanguard Group, Inc.	BUY	80.75	Ordinary	27,090	27,090
	The Vanguard Group, Inc.	BUY	80.75	Ordinary	5,805	5,805
	The Vanguard Group, Inc.	BUY	80.75	Ordinary	3,240	3,240
24-Dec-2019	The Vanguard Group, Inc.	BUY	80.71	Ordinary	1,220	1,220
24-Dec-2019	The Vanguard Group, Inc.	BUY	80.66	Ordinary	11,610	11,610
26-Dec-2019	The Vanguard Group, Inc.	BUY	80.78	Ordinary	29,025	29,025
	The Vanguard Group, Inc.	BUY	81.07	Ordinary	1,478	1,478
	The Vanguard Group, Inc.	BUY	80.74	Ordinary	8,077	8,077
	The Vanguard Group, Inc.	BUY	80.74	Ordinary	458	458
	The Vanguard Group, Inc.	BUY	80.80	Ordinary	1,004	1,004
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	81.10 81.10	Ordinary Ordinary	610 4,970	610 4,970
	The Vanguard Group, Inc.	SELL	81.10	Ordinary	(150)	4,970
	The Vanguard Group, Inc.	SELL	81.10	Ordinary	(130)	(130
	The Vanguard Group, Inc.	BUY	80.81	Ordinary	3,770	3,770
	The Vanguard Group, Inc.	SELL	81.18	Ordinary	(17,250)	(17,250
	The Vanguard Group, Inc.	BUY	79.90	Ordinary	912	912
31-Dec-2019	The Vanguard Group, Inc.	BUY	79.90	Ordinary	912	912
31-Dec-2019	The Vanguard Group, Inc.	BUY	79.94	Ordinary	52,370	52,370
2-Jan-2020	The Vanguard Group, Inc.	BUY	79.88	Ordinary	610	610
2-Jan-2020	The Vanguard Group, Inc.	BUY	80.18	Ordinary	1,004	1,004
	The Vanguard Group, Inc.	BUY	80.86	Ordinary	8,610	8,610
	The Vanguard Group, Inc.	BUY	80.86	Ordinary	22,660	22,660
	The Vanguard Group, Inc.	BUY BUY	80.40	Ordinary	1,004	1,004
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	79.73	Ordinary Ordinary	7,154	422 7,154
	The Vanguard Group, Inc.	BUY	79.73	Ordinary	995	995
	The Vanguard Group, Inc.	BUY	80.05	Ordinary	1,085	1,085
	The Vanguard Group, Inc.	BUY	80.05	Ordinary	3,012	3,012
	The Vanguard Group, Inc.	BUY	81.20	Ordinary	947	947
7-Jan-2020	The Vanguard Group, Inc.	BUY	80.88	Ordinary	124	124
7-Jan-2020	The Vanguard Group, Inc.	BUY	81.20	Ordinary	392	392
7-Jan-2020	The Vanguard Group, Inc.	BUY	80.88	Ordinary	55,278	55,278
	The Vanguard Group, Inc.	BUY	80.90	,	912	912
	The Vanguard Group, Inc.	BUY	80.90	,	535	535
	The Vanguard Group, Inc.	BUY	80.90	Ordinary	28,332	28,332
	The Vanguard Group, Inc.	BUY	81.22	Ordinary	11,310	11,310
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	81.49 81.49	Ordinary Ordinary	2,015 3,464	2,015
	The Vanguard Group, Inc.	BUY	81.68	Ordinary	3,393	3,393
	The Vanguard Group, Inc.	BUY	81.68	Ordinary	34,830	34,830
	The Vanguard Group, Inc.	SELL	81.49	Ordinary	(5,518)	(5,518
	The Vanguard Group, Inc.	BUY	82.50	Ordinary	1,220	1,220
	The Vanguard Group, Inc.	BUY	82.50	Ordinary	912	912
10-Jan-2020	The Vanguard Group, Inc.	SELL	81.68	Ordinary	(7,392)	(7,392
10-Jan-2020	The Vanguard Group, Inc.	BUY	82.50	Ordinary	960	960
	The Vanguard Group, Inc.	BUY	81.91	Ordinary	21,117	21,117
	The Vanguard Group, Inc.	BUY	82.09	Ordinary	2,550	2,550
	The Vanguard Group, Inc.	SELL	81.68	Ordinary	(565)	(565
	The Vanguard Group, Inc.	BUY	82.09	Ordinary	2,170	2,170
	The Vanguard Group, Inc.	BUY	82.48	Ordinary	3,433	3,433
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	82.48	Ordinary Ordinary	912 287	912 287
	The Vanguard Group, Inc.	SELL	83.17	Ordinary	(8,548)	(8,548
	The Vanguard Group, Inc.	BUY	82.96	Ordinary	14,608	14,608
	The Vanguard Group, Inc.	BUY	83.08	Ordinary	2,170	2,170
	The Vanguard Group, Inc.	BUY	83.66	Ordinary	912	912
	The Vanguard Group, Inc.	BUY	83.10	Ordinary	323	323
	The Vanguard Group, Inc.	BUY	83.69	Ordinary	15,480	15,480

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
16-Jan-2020	The Vanguard Group, Inc.	BUY	84.46	Ordinary	610	610
16-Jan-2020	The Vanguard Group, Inc.	SELL	84.00	Ordinary	(9,131)	(9,131)
	The Vanguard Group, Inc.	BUY	84.00	Ordinary	12,576	12,576
	The Vanguard Group, Inc.	BUY	84.74	Ordinary	17,415	17,415
	The Vanguard Group, Inc.	BUY	84.05	Ordinary	2,552	2,552
	The Vanguard Group, Inc.	BUY	84.76	Ordinary	14,508	14,508
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	84.32 84.32	Ordinary Ordinary	17,415 15,480	17,415
	The Vanguard Group, Inc.	BUY	84.76	Ordinary	352	15,480 352
	The Vanguard Group, Inc.	BUY	84.32	Ordinary	488	488
	The Vanguard Group, Inc.	BUY	84.00	Ordinary	2,560	2,560
	The Vanguard Group, Inc.	BUY	84.00	Ordinary	2,034	2,034
	The Vanguard Group, Inc.	BUY	83.48	Ordinary	1,122	1,122
	The Vanguard Group, Inc.	BUY	83.58	Ordinary	2,550	2,550
	The Vanguard Group, Inc.	BUY	83.58	Ordinary	5,100	5,100
21-Jan-2020	The Vanguard Group, Inc.	BUY	83.58	Ordinary	17,580	17,580
21-Jan-2020	The Vanguard Group, Inc.	BUY	83.58	Ordinary	1,464	1,464
22-Jan-2020	The Vanguard Group, Inc.	BUY	84.45	Ordinary	3,433	3,433
22-Jan-2020	The Vanguard Group, Inc.	BUY	84.45	Ordinary	652	652
	The Vanguard Group, Inc.	BUY	83.55	Ordinary	15,421	15,421
	The Vanguard Group, Inc.	BUY	84.25	Ordinary	11,610	11,610
	The Vanguard Group, Inc.	BUY	84.52	Ordinary	1,220	1,220
	The Vanguard Group, Inc.	BUY	84.52	Ordinary	610	610
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	84.58	Ordinary Ordinary	205 3,700	205 3,700
	The Vanguard Group, Inc.	BUY	84.58	Ordinary	47,826	47,826
	The Vanguard Group, Inc.	BUY	84.85	Ordinary	9,675	9,675
	The Vanguard Group, Inc.	SELL	84.68	Ordinary	(15,351)	(15,351)
	The Vanguard Group, Inc.	BUY	84.85	Ordinary	3,255	3,255
	The Vanguard Group, Inc.	BUY	84.94	Ordinary	310	310
24-Jan-2020	The Vanguard Group, Inc.	BUY	84.91	Ordinary	10,822	10,822
28-Jan-2020	The Vanguard Group, Inc.	BUY	84.02	Ordinary	912	912
28-Jan-2020	The Vanguard Group, Inc.	BUY	83.80	Ordinary	7,866	7,866
	The Vanguard Group, Inc.	BUY	83.80	Ordinary	40,723	40,723
	The Vanguard Group, Inc.	SELL	83.70	Ordinary	(725)	(725)
	The Vanguard Group, Inc.	BUY	84.61	Ordinary	1,220	1,220
	The Vanguard Group, Inc.	BUY	84.61	Ordinary	243	243
	The Vanguard Group, Inc.	BUY	84.39	Ordinary	16,699	16,699
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	85.44	Ordinary Ordinary	610 610	610 610
	The Vanguard Group, Inc.	BUY	85.44	Ordinary	1,345	1,345
	The Vanguard Group, Inc.	BUY	84.84	Ordinary	15,292	15,292
	The Vanguard Group, Inc.	BUY	86.03	Ordinary	1,090	1,090
	The Vanguard Group, Inc.	BUY	85.26	Ordinary	4,800	4,800
	The Vanguard Group, Inc.	BUY	85.26	Ordinary	375	375
31-Jan-2020	The Vanguard Group, Inc.	BUY	85.26	Ordinary	34,283	34,283
31-Jan-2020	The Vanguard Group, Inc.	BUY	85.57	Ordinary	397	397
31-Jan-2020	The Vanguard Group, Inc.	BUY	84.58	Ordinary	11,610	11,610
	The Vanguard Group, Inc.	BUY	84.58	Ordinary	11,610	11,610
	The Vanguard Group, Inc.	BUY	84.58	Ordinary	980	980
	The Vanguard Group, Inc.	BUY	84.55	Ordinary	10,299	10,299
	The Vanguard Group, Inc.	BUY	84.31	Ordinary	39,278	39,278
	The Vanguard Group, Inc.	BUY	84.56	Ordinary	12,950	12,950
	The Vanguard Group, Inc.	BUY	84.31	Ordinary	1,830	1,830
	The Vanguard Group, Inc.	BUY BUY	84.31	Ordinary	3,900 912	3,900
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	84.31	Ordinary Ordinary	912	912 86
	The Vanguard Group, Inc.	BUY	84.31	Ordinary	33,058	33,058
	The Vanguard Group, Inc.	BUY	84.46	Ordinary	6,660	6,660
	The Vanguard Group, Inc.	SELL	84.46	Ordinary	(3,400)	(3,400)
	The Vanguard Group, Inc.	BUY	84.46	Ordinary	4,688	4,688
	The Vanguard Group, Inc.	BUY	84.46	Ordinary	18,752	18,752
	The Vanguard Group, Inc.	BUY	84.31	Ordinary	770	770
	The Vanguard Group, Inc.	SELL	84.40	Ordinary	(2,690)	(2,690)
4-Feb-2020	The Vanguard Group, Inc.	BUY	84.40	Ordinary	973	973
5-Feb-2020	The Vanguard Group, Inc.	BUY	83.69	Ordinary	9,250	9,250
5-Feb-2020	The Vanguard Group, Inc.	BUY	83.69	Ordinary	36,765	36,765
5-Feb-2020	The Vanguard Group, Inc.	BUY	83.69	Ordinary	13,545	13,545

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
0	The Vanguard Group, Inc.	SELL	85.00	Ordinary	(448)	(44
	The Vanguard Group, Inc.	BUY	83.89	· · ·	28,549	28,54
	The Vanguard Group, Inc.	BUY	84.28	Ordinary	3,270	3,27
7-Feb-2020	The Vanguard Group, Inc.	BUY	84.94	Ordinary	2,960	2,96
	The Vanguard Group, Inc.	BUY	84.32	Ordinary	1,220	1,22
	The Vanguard Group, Inc.	BUY	84.32	· · · ·	3,433	3,43
	The Vanguard Group, Inc.	BUY	84.71	Ordinary	17,415	17,41
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	84.71 84.72	Ordinary Ordinary	980 912	98
	The Vanguard Group, Inc.	BUY	84.72	Ordinary	912	91
	The Vanguard Group, Inc.	BUY	84.72	,	651	6
	The Vanguard Group, Inc.	BUY	84.65	· · ·	11,610	11,6
12-Feb-2020	The Vanguard Group, Inc.	BUY	88.18	Ordinary	351	3
12-Feb-2020	The Vanguard Group, Inc.	BUY	88.18	Ordinary	30,705	30,7
	The Vanguard Group, Inc.	BUY	86.31	Ordinary	321	3
	The Vanguard Group, Inc.	BUY	86.31	Ordinary	31,779	31,7
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	88.73 88.73	Ordinary Ordinary	610 610	61
	The Vanguard Group, Inc.	BUY	88.73	Ordinary	912	9:
	The Vanguard Group, Inc.	SELL	88.49	Ordinary	(13,514)	(13,5)
	The Vanguard Group, Inc.	BUY	88.78	Ordinary	25,155	25,1
	The Vanguard Group, Inc.	SELL	88.49	,	(701)	(7
13-Feb-2020	The Vanguard Group, Inc.	BUY	88.78	Ordinary	2,180	2,1
	The Vanguard Group, Inc.	BUY	89.40	Ordinary	26,838	26,83
	The Vanguard Group, Inc.	BUY	90.95	Ordinary	11,610	11,6
	The Vanguard Group, Inc.	BUY	89.40	Ordinary	266	2
	The Vanguard Group, Inc.	BUY SELL	90.95 90.99	Ordinary	1,470	1,4
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	90.99	,	(15,811) 5,269	5,2
	The Vanguard Group, Inc.	BUY	90.26	Ordinary	1,057	1,0
	The Vanguard Group, Inc.	BUY	87.88	Ordinary	52,690	52,6
	The Vanguard Group, Inc.	BUY	87.83	Ordinary	32,568	32,5
19-Feb-2020	The Vanguard Group, Inc.	BUY	88.08	Ordinary	9,675	9,6
20-Feb-2020	The Vanguard Group, Inc.	BUY	87.85	Ordinary	24,066	24,00
	The Vanguard Group, Inc.	BUY	87.85	Ordinary	1,105	1,1
	The Vanguard Group, Inc.	BUY	87.83	Ordinary	35,128	35,1
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	87.83 88.80	Ordinary	5,238	5,2
	The Vanguard Group, Inc.	BUY	88.14	Ordinary Ordinary	2,621 40,051	40,0
	The Vanguard Group, Inc.	BUY	88.40	Ordinary	15,480	15,4
	The Vanguard Group, Inc.	BUY	88.14	,	661	6
24-Feb-2020	The Vanguard Group, Inc.	SELL	87.27	Ordinary	(8,475)	(8,4
24-Feb-2020	The Vanguard Group, Inc.	BUY	87.61	Ordinary	8,602	8,6
	The Vanguard Group, Inc.	BUY	87.27	· · ·	980	9
	The Vanguard Group, Inc.	SELL	86.80		(36,636)	(36,6
	The Vanguard Group, Inc.	BUY BUY	86.80	· · ·	897	89
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	86.80 86.23	Ordinary Ordinary	105 158	1
	The Vanguard Group, Inc.	SELL	86.30	· · ·	(7,464)	(7,4
	The Vanguard Group, Inc.	SELL	84.90	Ordinary	(3,390)	
	The Vanguard Group, Inc.	BUY	86.80	Ordinary	35,419	35,4
	The Vanguard Group, Inc.	BUY	86.23	Ordinary	46,924	46,9
	The Vanguard Group, Inc.	BUY	84.90	,	11,610	11,6
	The Vanguard Group, Inc.	SELL	84.90		(2,370)	(2,3
	The Vanguard Group, Inc.	BUY	84.90	· · ·	1,094	1,0
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	85.35		3,484	3,4
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	85.54 85.54	,	7,049	7,0
	The Vanguard Group, Inc.	BUY	85.54	,	34,263	34,2
	The Vanguard Group, Inc.	BUY	85.54		33,313	33,3
	The Vanguard Group, Inc.	BUY	85.35	· · ·	36,241	36,2
	The Vanguard Group, Inc.	BUY	84.92	Ordinary	3,282	3,2
26-Feb-2020	The Vanguard Group, Inc.	BUY	84.92	Ordinary	2,188	2,1
	The Vanguard Group, Inc.	BUY	85.35	· · ·	1,937	1,9
	The Vanguard Group, Inc.	SELL	85.12	Ordinary	(8,513)	(8,5
	The Vanguard Group, Inc.	BUY	84.43	· · ·	85	
27-Feb-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	85.11 85.11	Ordinary Ordinary	4,915 40,436	4,9

D D <thd< th=""> D D D</thd<>	affected		Class	0			
28-feb-2020 Ine Vanguard Group, Inc. SELL 81.78 Ordinary (7.316) 28-feb-2020 The Vanguard Group, Inc. BUV 81.86 Ordinary 22.384 28-feb-2020 The Vanguard Group, Inc. BUV 81.86 Ordinary 107.783 28-feb-2020 The Vanguard Group, Inc. BUV 81.86 Ordinary 13.479 28-feb-2020 The Vanguard Group, Inc. BUV 81.86 Ordinary 4.097 2-Mar-2020 The Vanguard Group, Inc. BUV 80.05 Ordinary 4.097 2-Mar-2020 The Vanguard Group, Inc. BUV 79.11 Ordinary 4.097 3-Mar-2020 The Vanguard Group, Inc. BUV 79.11 Ordinary 4.962 3-Mar-2020 The Vanguard Group, Inc. BUV 77.11 Ordinary 4.962 3-Mar-2020 The Vanguard Group, Inc. BUV 77.11 Ordinary 4.862 3-Mar-2020 The Vanguard Group, Inc. BUV 77.11 Ordinary 1.220 4-Mar-202	anecieu		Class	to change(7)	Change(6)	Person whose relevant interest changed	Date of change
128-Feb-2020 The Vanguard Group, Inc. BUY 81.86 Ordinary 42.23 28-Feb-2020 The Vanguard Group, Inc. BUY 81.86 Ordinary 107,789 28-Feb-2020 The Vanguard Group, Inc. BUY 81.86 Ordinary 107,789 28-Feb-2020 The Vanguard Group, Inc. BUY 81.86 Ordinary 4.330 2.4Mar-2020 The Vanguard Group, Inc. BUY 80.05 Ordinary 4.097 2.4Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.017 3.4Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.962 3.4Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.962 3.4Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 4.861 3.4Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 6.10 4.4Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 6.20 4.4Mar-	0 7,030	7,030	Ordinary	82.99	BUY	The Vanguard Group, Inc.	27-Feb-2020
28-feb-2020 The Vanguard Group, Inc. BUY 81.86 Ordinary 22.384 28-feb-2020 The Vanguard Group, Inc. BUY 81.78 Ordinary 10.7789 28-feb-2020 The Vanguard Group, Inc. BUY 81.86 Ordinary 13,479 28-feb-2020 The Vanguard Group, Inc. BUY 80.86 Ordinary 4,097 2.Mar-2020 The Vanguard Group, Inc. SELL 80.05 Ordinary (15,480) 2.Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.097 3.Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.082 3.Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 4.082 4.Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1.020 4.Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1.010 4.Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1.01 4.Mar-2020	, , , , ,		,				
28-Feb-2020 The Vanguard Group, Inc. BUY 81.78 Ordinary 107,789 28-Feb-2020 The Vanguard Group, Inc. BUY 81.86 Ordinary 3.30 2.Mar-2020 The Vanguard Group, Inc. BUY 80.05 Ordinary 4.097 2.Mar-2020 The Vanguard Group, Inc. SELL 82.67 Ordinary (15,480) 2.Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary (1.099) 3.Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.962 3.Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.982 3.Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4.Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4.Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 620 4.Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1,220 4.Mar-2020							
28-Feb-2020 The Vanguard Group, Inc. BUY 81.86 Ordinary 13.479 2-Mar-2020 The Vanguard Group, Inc. BUY 81.86 Ordinary 4,097 2-Mar-2020 The Vanguard Group, Inc. SELL 82.67 Ordinary (15,480) 2-Mar-2020 The Vanguard Group, Inc. SELL 82.05 Ordinary (16,99) 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.962 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.86 3-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 3.86 3-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 6.10 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 6.10 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 6.10 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1.220 4-Mar-2020			,				
28+feb-2020 The Vanguard Group, Inc. BUY 81.86 Ordinary 330 2-Mar-2020 The Vanguard Group, Inc. SELL 80.67 Ordinary (15,480) 2-Mar-2020 The Vanguard Group, Inc. SELL 80.65 Ordinary (16,98) 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.962 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.962 3-Mar-2020 The Vanguard Group, Inc. BUY 77.81 Ordinary 381 3-Mar-2020 The Vanguard Group, Inc. BUY 77.81 Ordinary 381 3-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1.220 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1.81 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1.81 4-Mar-2020 The Vanguard Group, Inc. BUY 78.10 Ordinary 1.44 4-Mar-2020							
2-Mar-2020 The Vanguard Group, Inc. BUY 80.05 Ordinary 4.097 2-Mar-2020 The Vanguard Group, Inc. SELL 82.67 Ordinary (15,480) 2-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.099 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.962 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.862 3-Mar-2020 The Vanguard Group, Inc. BUY 77.18 Ordinary 6.10 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1.220 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 6.10 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 6.10 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1.220 4-Mar-2020 The Vanguard Group, Inc. BUY 78.11 Ordinary 1.44 4-Mar-2020							
2-Mar-2020 The Vanguard Group, Inc. SELL 80.07 79.11 Ordinary (10.99) 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.962 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.962 3-Mar-2020 The Vanguard Group, Inc. BUY 77.78 Ordinary 980 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 78.17 Ordinary (4,364) 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary (4,364) 4-M	7 4,097	4,097			BUY		
3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 6.10 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4.962 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 480 3-Mar-2020 The Vanguard Group, Inc. BUY 77.80 Ordinary 980 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 612 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 613 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 14,364 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Van	0) (15,480)	(15,480)	Ordinary	82.67	SELL	The Vanguard Group, Inc.	2-Mar-2020
3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 4,962 3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 408 3-Mar-2020 The Vanguard Group, Inc. BUY 81.50 Ordinary 381 3-Mar-2020 The Vanguard Group, Inc. BUY 77.13 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1,220 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1,220 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1,420 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1,4364 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,519 5-Mar-2020 <t< td=""><td>, , , ,</td><td>, , ,</td><td>,</td><td></td><td></td><td></td><td></td></t<>	, , , ,	, , ,	,				
3-Mar-2020 The Vanguard Group, Inc. BUY 79.11 Ordinary 408 3-Mar-2020 The Vanguard Group, Inc. BUY 81.30 Ordinary 381 3-Mar-2020 The Vanguard Group, Inc. BUY 77.78 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 643 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,430 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,146 5-Mar-2020 The Vanguar			,				
3-Mar-2020 The Vanguard Group, Inc. BUY 81.50 Ordinary 381 3-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 678 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary (4,364) 4-Mar-2020 The Vanguard Group, Inc. BUY 78.10 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 78.25 Ordinary 1,461 5-Mar-2020 The							
3-Mar-2020 The Vanguard Group, Inc. BUY 77.78 Ordinary 980 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 617 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary (4,364) 4-Mar-2020 The Vanguard Group, Inc. BUY 78.17 Ordinary 1,4360 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,460 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. BUY 73.33 Ordinary 1,146 5-Mar-2020							
4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 1,220 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 678 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary (4,364) 4-Mar-2020 The Vanguard Group, Inc. BUY 78.12 Ordinary 1,460 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,519 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 1,146 5-Mar-2020 <							
4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 610 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 678 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 111 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary (4,364) 4-Mar-2020 The Vanguard Group, Inc. BUY 78.17 Ordinary 1,466 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. SELL 76.75 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. SELL 78.15 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. SELL 78.33 Ordinary 1,476 6-Mar-2020			,				
4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 678 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 11 4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary (4,364) 4-Mar-2020 The Vanguard Group, Inc. BUY 78.17 Ordinary 1,960 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,960 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 15,519 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. SELL 78.15 Ordinary 1,148 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 1,148 6-Mar-2020 The Vanguard Group, Inc. BUY 73.33 Ordinary (15,267) 6-Mar-2020	0 1,220	1,220	Ordinary	77.11	BUY	The Vanguard Group, Inc.	4-Mar-2020
4-Mar-2020 The Vanguard Group, Inc. BUY 77.11 Ordinary 11 4-Mar-2020 The Vanguard Group, Inc. SELL 78.17 Ordinary (4,364) 4-Mar-2020 The Vanguard Group, Inc. BUY 78.12 Ordinary 23,850 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,450 5-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 15,519 5-Mar-2020 The Vanguard Group, Inc. SELL 76.75 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. SELL 78.15 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. SELL 73.93 Ordinary 927 6-Mar-2020 The Vanguard Group, Inc. SELL 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. SELL 73.93 Ordinary (166,267) 6-Mar-20	0 610	610	Ordinary	77.11	BUY	The Vanguard Group, Inc.	4-Mar-2020
4-Mar-2020 The Vanguard Group, Inc. SELL 78.17 Ordinary (4,364) 4-Mar-2020 The Vanguard Group, Inc. BUY 78.10 Ordinary 23,850 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,960 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary (12,509) 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary (514) 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary (514) 5-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (514) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. SELL 73.93 Ordinary (156,267) 6-Mar			,				
4-Mar-2020 The Vanguard Group, Inc. BUY 78.17 Ordinary 23,850 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,960 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 1666 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary (213,609) 5-Mar-2020 The Vanguard Group, Inc. SELL 76.75 Ordinary (1,146) 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary (1,146) 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary (1,148) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.33 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. SUY 73.33 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. SUY 73.33 Ordinary (11,610)			/				
4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,960 4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 166 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary (213,609) 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary (213,609) 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary (1146) 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary (154) 5-Mar-2020 The Vanguard Group, Inc. BUY 78.33 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (146,00) 9-Mar-2020 The Vanguard Group, Inc. SELL 73.76 Ordinary (11,610) <td< td=""><td>, , , , ,</td><td></td><td>,</td><td></td><td></td><td></td><td></td></td<>	, , , , ,		,				
4-Mar-2020 The Vanguard Group, Inc. BUY 78.20 Ordinary 1,470 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 666 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 15,519 5-Mar-2020 The Vanguard Group, Inc. SELL 76.75 Ordinary (213,609) 5-Mar-2020 The Vanguard Group, Inc. SELL 78.15 Ordinary (514) 5-Mar-2020 The Vanguard Group, Inc. SELL 78.15 Ordinary (514) 5-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (927) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.33 Ordinary (276) 6-Mar-2020 The Vanguard Group, Inc. SELL 73.76 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. SELL 67.44 Ordinary (470) 9-Mar-			,				
5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 666 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 15,519 5-Mar-2020 The Vanguard Group, Inc. SELL 76.75 Ordinary (213,609) 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary (514) 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary (514) 5-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. SELL 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.33 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.33 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. SELL 73.93 Ordinary (1160) 9-Mar-2020 The Vanguard Group, Inc. SELL 67.44 Ordinary (11,610)							
5-Mar-2020 The Vanguard Group, Inc. SELL 76.75 Ordinary (213,609) 5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. SELL 78.15 Ordinary 1,148 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 11,489 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.33 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. SELL 73.76 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. SELL 73.76 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary (14,70)							
5-Mar-2020 The Vanguard Group, Inc. BUY 76.75 Ordinary 1,146 5-Mar-2020 The Vanguard Group, Inc. SELL 78.15 Ordinary (514) 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 11,489 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 927 6-Mar-2020 The Vanguard Group, Inc. SELL 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. SELL 73.76 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. SELL 69.15 Ordinary (38,783) 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470	9 15,519	15,519	Ordinary	78.15	BUY	The Vanguard Group, Inc.	5-Mar-2020
5-Mar-2020 The Vanguard Group, Inc. SELL 78.15 Ordinary (514) 5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 11,489 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 927 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 603 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 603 6-Mar-2020 The Vanguard Group, Inc. BUY 73.76 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. SELL 73.76 Ordinary (138,783) 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary (38,783) 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary (1,470) 9-Mar-2020 The Vanguard Group, Inc. BUY 63.15 Ordinary (1,739) 10-Mar	9) (213,609)	(213,609)	Ordinary	76.75	SELL	The Vanguard Group, Inc.	5-Mar-2020
5-Mar-2020 The Vanguard Group, Inc. BUY 78.15 Ordinary 11,489 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 927 6-Mar-2020 The Vanguard Group, Inc. SELL 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 603 6-Mar-2020 The Vanguard Group, Inc. BUY 73.33 Ordinary 613 6-Mar-2020 The Vanguard Group, Inc. BUY 75.33 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. SELL 69.15 Ordinary (38,783) 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-202			,				
6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 927 6-Mar-2020 The Vanguard Group, Inc. SELL 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 603 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 603 6-Mar-2020 The Vanguard Group, Inc. BUY 73.33 Ordinary 603 9-Mar-2020 The Vanguard Group, Inc. SELL 73.76 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. SELL 69.15 Ordinary (38,783) 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 69.15 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary (11,197) 10-Mar-		. ,					
6-Mar-2020 The Vanguard Group, Inc. SELL 73.93 Ordinary (156,267) 6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 603 6-Mar-2020 The Vanguard Group, Inc. BUY 75.33 Ordinary 276 6-Mar-2020 The Vanguard Group, Inc. SELL 73.76 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. SELL 69.15 Ordinary (38,783) 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 69.15 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 69.15 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary 1,1739 10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary 1,11,197) 10-							
6-Mar-2020 The Vanguard Group, Inc. BUY 73.93 Ordinary 603 6-Mar-2020 The Vanguard Group, Inc. BUY 75.33 Ordinary 276 6-Mar-2020 The Vanguard Group, Inc. SELL 73.76 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. SELL 69.15 Ordinary (38,783) 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 69.15 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 68.24 Ordinary (132,069 10-M							
6-Mar-2020 The Vanguard Group, Inc. BUY 75.33 Ordinary 276 6-Mar-2020 The Vanguard Group, Inc. SELL 73.76 Ordinary (11,610) 9-Mar-2020 The Vanguard Group, Inc. SELL 69.15 Ordinary (38,783) 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary 132,069 <td< td=""><td>, , ,</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	, , ,						
9-Mar-2020 The Vanguard Group, Inc. SELL 69.15 Ordinary (38,783) 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 490 9-Mar-2020 The Vanguard Group, Inc. BUY 69.15 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary 610 10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (13,2,66) 10-Mar-2020 The Vanguard Group, Inc. BUY 68.24 Ordinary (132,069 10-Mar-2020 The Vanguard Group, Inc. BUY 74.52 Ordinary (132,069 <t< td=""><td></td><td></td><td>,</td><td></td><td></td><td></td><td></td></t<>			,				
9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 1,470 9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 490 9-Mar-2020 The Vanguard Group, Inc. BUY 69.15 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 69.15 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 68.24 Ordinary (132,069) 10-Mar-2020 The Vanguard Group, Inc. SELL 74.52 Ordinary (1,816) 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary (1,787)	0) (11,610)	(11,610)	Ordinary	73.76	SELL	The Vanguard Group, Inc.	6-Mar-2020
9-Mar-2020 The Vanguard Group, Inc. BUY 67.44 Ordinary 490 9-Mar-2020 The Vanguard Group, Inc. BUY 69.15 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary 610 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary 610 10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (9,675) 10-Mar-2020 The Vanguard Group, Inc. SELL 74.52 Ordinary (9,675) 10-Mar-2020 The Vanguard Group, Inc. SELL 74.52 Ordinary (1,787) 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary (1,787) 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary (1,787) <							
9-Mar-2020 The Vanguard Group, Inc. BUY 69.15 Ordinary 1,739 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary 610 10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 68.24 Ordinary 132,069 10-Mar-2020 The Vanguard Group, Inc. SELL 74.52 Ordinary (9,675) 10-Mar-2020 The Vanguard Group, Inc. SELL 74.52 Ordinary (1,787) 10-Mar-2020 The Vanguard Group, Inc. BUY 74.52 Ordinary (1,787) 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary (1,787) 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 363							
10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary 610 10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 68.24 Ordinary 132,069 10-Mar-2020 The Vanguard Group, Inc. SELL 74.52 Ordinary (9,675) 10-Mar-2020 The Vanguard Group, Inc. SUY 74.52 Ordinary 1,816 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary 1,816 10-Mar-2020 The Vanguard Group, Inc. SUY 68.50 Ordinary 1,787) 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 363 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 9,867 <							
10-Mar-2020 The Vanguard Group, Inc. SELL 73.37 Ordinary (11,197) 10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary 754 10-Mar-2020 The Vanguard Group, Inc. BUY 68.24 Ordinary 132,069 10-Mar-2020 The Vanguard Group, Inc. SELL 74.52 Ordinary 132,069 10-Mar-2020 The Vanguard Group, Inc. SELL 74.52 Ordinary (9,675) 10-Mar-2020 The Vanguard Group, Inc. BUY 74.52 Ordinary (1,787) 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary (1,787) 10-Mar-2020 The Vanguard Group, Inc. SUY 68.50 Ordinary 363 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 969 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 <td< td=""><td></td><td></td><td>,</td><td></td><td></td><td></td><td></td></td<>			,				
10-Mar-2020 The Vanguard Group, Inc. BUY 73.37 Ordinary 754 10-Mar-2020 The Vanguard Group, Inc. BUY 68.24 Ordinary 132,069 10-Mar-2020 The Vanguard Group, Inc. SELL 74.52 Ordinary (9,675) 10-Mar-2020 The Vanguard Group, Inc. BUY 74.52 Ordinary (1,787) 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary (1,787) 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary (1,787) 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 363 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 969 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 776							
10-Mar-2020 The Vanguard Group, Inc. BUY 68.24 Ordinary 132,069 10-Mar-2020 The Vanguard Group, Inc. SELL 74.52 Ordinary (9,675) 10-Mar-2020 The Vanguard Group, Inc. BUY 74.52 Ordinary 1,816 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary 1,816 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary (1,787) 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 363 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 969 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 776	, , ,		,				
10-Mar-2020 The Vanguard Group, Inc. BUY 74.52 Ordinary 1,816 10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary (1,787) 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 363 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 969 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867			,				
10-Mar-2020 The Vanguard Group, Inc. SELL 67.53 Ordinary (1,787) 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 363 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 969 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,766	5) (9,675)	(9,675)	Ordinary	74.52	SELL	The Vanguard Group, Inc.	10-Mar-2020
11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 363 11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 969 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 776							
11-Mar-2020 The Vanguard Group, Inc. BUY 68.50 Ordinary 969 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 776							
11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867 11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 9,867							
11-Mar-2020 The Vanguard Group, Inc. BUY 72.06 Ordinary 776							
			,				
11-Mar-2020 The Vanguard Group, Inc. SELL 73.07 Ordinary (2,697)		(2,697)	,		SELL		
11-Mar-2020The Vanguard Group, Inc.BUY72.06Ordinary100,443	, , , , ,						
11-Mar-2020 The Vanguard Group, Inc. SELL 68.01 Ordinary (5,805)					SELL	The Vanguard Group, Inc.	11-Mar-2020
12-Mar-2020 The Vanguard Group, Inc. BUY 63.11 Ordinary 1,220							
12-Mar-2020 The Vanguard Group, Inc. BUY 63.11 Ordinary 610						0 1/	
12-Mar-2020 The Vanguard Group, Inc. BUY 63.11 Ordinary 6,059			,				
12-Mar-2020 The Vanguard Group, Inc. BUY 67.89 Ordinary 68,045 12-Mar-2020 The Vanguard Group, Inc. SELL 61.40 Ordinary (21,285)							
12-Mar-2020 The Vanguard Group, Inc. SELL 61.40 Ordinary (21,285) 12-Mar-2020 The Vanguard Group, Inc. BUY 61.40 Ordinary 7,095							
12-War2020 The Vanguard Group, Inc. BUY 66.36 Ordinary 53,766							
13-Mar-2020 The Vanguard Group, Inc. BUY 66.36 Ordinary 1,722							
13-Mar-2020 The Vanguard Group, Inc. BUY 66.36 Ordinary 927					BUY		
13-Mar-2020 The Vanguard Group, Inc. BUY 66.36 Ordinary 540			Ordinary				
13-Mar-2020The Vanguard Group, Inc.BUY60.14Ordinary127,667							
13-Mar-2020 The Vanguard Group, Inc. BUY 65.03 Ordinary 128,103							
13-Mar-2020 The Vanguard Group, Inc. BUY 68.77 Ordinary 3,346 13-Mar-2020 The Vanguard Group, Inc. BUY 68.77 Ordinary 3,346							
13-Mar-2020 The Vanguard Group, Inc. BUY 68.77 Ordinary 2,450 13-Mar-2020 The Vanguard Group, Inc. BUY 68.77 Ordinary 490			,				

			Consideration			
Data of shores	Demonstration and interest shows a	Nature of	given in relation	Class	Number of securities	
-	Person whose relevant interest changed The Vanguard Group, Inc.	Change(6) BUY	to change(7) 66.36	Class Ordinary	affected 2,371	affected 2,371
	The Vanguard Group, Inc.	BUY	66.36	Ordinary	892	892
	The Vanguard Group, Inc.	BUY	61.48	Ordinary	1,220	1,220
	The Vanguard Group, Inc.	BUY	59.72	Ordinary	610	610
16-Mar-2020	The Vanguard Group, Inc.	BUY	59.72	Ordinary	3,453	3,453
16-Mar-2020	The Vanguard Group, Inc.	BUY	59.72	Ordinary	1,166	1,166
	The Vanguard Group, Inc.	BUY	59.72	Ordinary	992	992
	The Vanguard Group, Inc.	BUY	59.72	Ordinary	473	473
	The Vanguard Group, Inc.	SELL	57.70	Ordinary	(5,043)	(5,043)
	The Vanguard Group, Inc.	SELL BUY	57.70	Ordinary Ordinary	(4,688)	(4,688)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	57.70	Ordinary	2,196 1,098	2,196 1,098
	The Vanguard Group, Inc.	BUY	67.64	Ordinary	561	561
	The Vanguard Group, Inc.	BUY	67.64	Ordinary	4,143	4,143
	The Vanguard Group, Inc.	BUY	67.64	Ordinary	49,131	49,131
17-Mar-2020	The Vanguard Group, Inc.	SELL	67.64	Ordinary	(1,298)	(1,298)
17-Mar-2020	The Vanguard Group, Inc.	BUY	67.64	Ordinary	96	96
	The Vanguard Group, Inc.	BUY	61.23	Ordinary	348	348
	The Vanguard Group, Inc.	SELL	68.85	Ordinary	(6,724)	(6,724)
	The Vanguard Group, Inc.	BUY	61.23	Ordinary	177,509	177,509
	The Vanguard Group, Inc.	BUY	68.85	Ordinary	3,700	3,700
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	68.85 68.85	Ordinary Ordinary	3,330 (15,480)	3,330 (15,480)
	The Vanguard Group, Inc.	SELL	68.85	Ordinary	(13,480)	(19,350)
	The Vanguard Group, Inc.	BUY	68.85	Ordinary	9,234	9,234
	The Vanguard Group, Inc.	BUY	68.85	Ordinary	3,294	3,294
17-Mar-2020	The Vanguard Group, Inc.	BUY	68.85	Ordinary	2,196	2,196
18-Mar-2020	The Vanguard Group, Inc.	BUY	63.95	Ordinary	609	609
18-Mar-2020	The Vanguard Group, Inc.	BUY	63.95	Ordinary	1,218	1,218
	The Vanguard Group, Inc.	BUY	64.70	Ordinary	170,122	170,122
	The Vanguard Group, Inc.	BUY	65.21	Ordinary	1,960	1,960
	The Vanguard Group, Inc.	BUY	60.95	Ordinary	236	236
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	66.19 60.95	Ordinary Ordinary	119 (186)	119 (186)
	The Vanguard Group, Inc.	BUY	66.19	Ordinary	167,105	167,105
	The Vanguard Group, Inc.	BUY	61.60	Ordinary	7,030	7,030
	The Vanguard Group, Inc.	BUY	61.60	Ordinary	980	980
	The Vanguard Group, Inc.	BUY	59.91	Ordinary	609	609
20-Mar-2020	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(447)	(447)
	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(4,413)	(4,413)
	The Vanguard Group, Inc.	SELL	59.19	Ordinary	(8,405)	(8,405)
	The Vanguard Group, Inc.	BUY	63.43	Ordinary	157,033	157,033
	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(107,640)	(107,640)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	61.22 59.19	Ordinary Ordinary	(36,439) 1,944	(36,439) 1,944
	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(6,703)	(6,703)
	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(4,836)	(4,836)
	The Vanguard Group, Inc.	BUY	59.19	Ordinary	3,294	3,294
	The Vanguard Group, Inc.	BUY	59.19	Ordinary	980	980
20-Mar-2020	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(5,308)	(5,308)
	The Vanguard Group, Inc.	BUY	54.26	Ordinary	609	609
	The Vanguard Group, Inc.	BUY	54.26	Ordinary	3,450	3,450
	The Vanguard Group, Inc.	BUY	54.26	Ordinary	267	267
	The Vanguard Group, Inc.	BUY	54.26	Ordinary	721	721
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL SELL	57.71	Ordinary Ordinary	(3,712) (6,724)	(3,712) (6,724)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	54.66	Ordinary	(6,724)	(6,724) 4,374
	The Vanguard Group, Inc.	SELL	57.71	Ordinary	(1,342)	(1,342)
	The Vanguard Group, Inc.	BUY	57.00	Ordinary	609	609
	The Vanguard Group, Inc.	BUY	56.40	Ordinary	516	516
	The Vanguard Group, Inc.	SELL	56.01	Ordinary	(10,489)	(10,489)
24-Mar-2020	The Vanguard Group, Inc.	BUY	56.40	Ordinary	97,413	97,413
	The Vanguard Group, Inc.	BUY	62.40	Ordinary	3,249	3,249
	The Vanguard Group, Inc.	BUY	62.40	Ordinary	334	334
	The Vanguard Group, Inc.	BUY	61.03	Ordinary	5,809	5,809
25-Mar-2020	The Vanguard Group, Inc.	BUY SELL	61.03 63.11	Ordinary Ordinary	109,182 (4,688)	109,182 (4,688)
	The Vanguard Group, Inc.					

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
26-Mar-2020	The Vanguard Group, Inc.	BUY	62.90	Ordinary	8,785	8,785
	The Vanguard Group, Inc.	BUY	62.90	Ordinary	3,622	3,622
	The Vanguard Group, Inc.	BUY	57.66	Ordinary	1,218	1,218
	The Vanguard Group, Inc.	BUY	57.66	Ordinary	1,218	1,218
	The Vanguard Group, Inc.	BUY	57.66	Ordinary	544	544
	The Vanguard Group, Inc.	BUY	57.66	Ordinary	66,003	66,003
	The Vanguard Group, Inc.	BUY	57.66	Ordinary	12,941	12,941
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	57.66	Ordinary Ordinary	3,342 11,570	3,342 11,570
	The Vanguard Group, Inc.	BUY	63.28	Ordinary	9,275	9,275
	The Vanguard Group, Inc.	BUY	63.95	Ordinary	6,584	6,584
	The Vanguard Group, Inc.	BUY	63.95	Ordinary	3,409	3,409
	The Vanguard Group, Inc.	BUY	57.85	Ordinary	7,255	7,255
	The Vanguard Group, Inc.	SELL	63.89	Ordinary	(7,679)	(7,679
	The Vanguard Group, Inc.	BUY	61.82	Ordinary	609	609
	The Vanguard Group, Inc.	BUY	61.82	Ordinary	320	320
	The Vanguard Group, Inc.	BUY	61.82	, Ordinary	20,623	20,623
31-Mar-2020	The Vanguard Group, Inc.	BUY	64.60	Ordinary	18,007	18,007
	The Vanguard Group, Inc.	SELL	61.82	Ordinary	(39,309)	(39,309)
	The Vanguard Group, Inc.	BUY	63.67	Ordinary	2,797	2,797
	The Vanguard Group, Inc.	BUY	63.67	Ordinary	6,816	6,816
1-Apr-2020	The Vanguard Group, Inc.	BUY	64.00	Ordinary	1,136	1,136
1-Apr-2020	The Vanguard Group, Inc.	BUY	64.00	Ordinary	407	407
1-Apr-2020	The Vanguard Group, Inc.	SELL	64.00	Ordinary	(38,718)	(38,718)
1-Apr-2020	The Vanguard Group, Inc.	BUY	64.00	Ordinary	10,956	10,956
	The Vanguard Group, Inc.	BUY	64.00	Ordinary	3,129	3,129
1-Apr-2020	The Vanguard Group, Inc.	BUY	64.00	Ordinary	11,064	11,064
1-Apr-2020	The Vanguard Group, Inc.	SELL	62.21	Ordinary	(2,196)	(2,196)
	The Vanguard Group, Inc.	SELL	62.21	Ordinary	(2,196)	(2,196)
	The Vanguard Group, Inc.	BUY	64.00	Ordinary	4,704	4,704
	The Vanguard Group, Inc.	BUY	61.25	Ordinary	780	780
	The Vanguard Group, Inc.	BUY	61.80	Ordinary	3,700	3,700
	The Vanguard Group, Inc.	BUY	61.80	Ordinary	1,470	1,470
	The Vanguard Group, Inc.	BUY	62.10	Ordinary	962	962
	The Vanguard Group, Inc.	SELL BUY	62.10 62.10	Ordinary	(2,361) 3,109	(2,361) 3,109
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	62.47	Ordinary Ordinary	617	617
	The Vanguard Group, Inc.	BUY	62.47	Ordinary	474	474
	The Vanguard Group, Inc.	BUY	61.87	Ordinary	617	617
	The Vanguard Group, Inc.	BUY	61.87	Ordinary	10,224	10,224
	The Vanguard Group, Inc.	BUY	61.87	Ordinary	1,009	1,009
	The Vanguard Group, Inc.	SELL	61.87	Ordinary	(911)	(911)
	The Vanguard Group, Inc.	BUY	63.60		14,444	14,444
	The Vanguard Group, Inc.	BUY	63.60	Ordinary	4,671	4,671
	The Vanguard Group, Inc.	BUY	60.00	Ordinary	500	500
8-Apr-2020	The Vanguard Group, Inc.	BUY	60.17	Ordinary	4,810	4,810
· · · · ·	The Vanguard Group, Inc.	BUY	60.00	Ordinary	14,480	14,480
9-Apr-2020	The Vanguard Group, Inc.	BUY	61.76	Ordinary	2,150	2,150
9-Apr-2020	The Vanguard Group, Inc.	SELL	61.76	Ordinary	(34,301)	(34,301)
9-Apr-2020	The Vanguard Group, Inc.	BUY	61.75	Ordinary	1,500	1,500
	The Vanguard Group, Inc.	BUY	61.75	Ordinary	500	500
	The Vanguard Group, Inc.	BUY	63.50	Ordinary	1,500	1,500
	The Vanguard Group, Inc.	SELL	62.75	Ordinary	(2,312)	(2,312)
	The Vanguard Group, Inc.	BUY	62.07	Ordinary	910	910
	The Vanguard Group, Inc.	BUY	62.07	Ordinary	433	433
	The Vanguard Group, Inc.	SELL	60.83	Ordinary	(7,836)	(7,836)
	The Vanguard Group, Inc.	SELL	60.83	Ordinary	(17,631)	(17,631)
	The Vanguard Group, Inc.	SELL	60.83	Ordinary	(15,672)	(15,672)
	The Vanguard Group, Inc.	SELL	62.50	Ordinary	(530)	(530)
	The Vanguard Group, Inc.	BUY	62.50	Ordinary	9,822	9,822
	The Vanguard Group, Inc.	BUY	60.83	Ordinary	1,500	1,500
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	61.26 60.47	Ordinary Ordinary	3,406 (17,712)	3,406 (17,712)
	The Vanguard Group, Inc.	BUY	60.47	Ordinary	(17,712) 899	899
	The Vanguard Group, Inc.	BUY	62.15	Ordinary	448	448
	The Vanguard Group, Inc.	BUY	60.79	Ordinary	2,590	2,590
	···· • • • • • • • • • • • • • • • • •	1	00.79	S. amary	2,390	
	The Vanguard Group, Inc.	BUY	60.79	Ordinary	5,860	5,860

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
20-Apr-2020	The Vanguard Group, Inc.	BUY	59.26	Ordinary	5,180	5,180
20-Apr-2020	The Vanguard Group, Inc.	BUY	59.26	Ordinary	2,960	2,960
21-Apr-2020	The Vanguard Group, Inc.	SELL	60.12	Ordinary	(25,158)	(25,158)
	The Vanguard Group, Inc.	BUY	60.14	Ordinary	8,921	8,921
	The Vanguard Group, Inc.	BUY	59.25	Ordinary	5,469	5,469
	The Vanguard Group, Inc.	BUY	58.22	Ordinary	11,296	11,296
	The Vanguard Group, Inc.	BUY	58.22	Ordinary	2,517	2,517
· · · · · ·	The Vanguard Group, Inc.	BUY	58.55	Ordinary	347	347
	The Vanguard Group, Inc.	SELL	58.55	Ordinary	(2,305)	(2,305)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	58.55 58.70	Ordinary	5,525 (3,584)	5,525 (3,584)
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	BUY	58.70	Ordinary Ordinary	3,700	3,700
· · · · ·	The Vanguard Group, Inc.	BUY	59.35	Ordinary	715	715
· · · · ·	The Vanguard Group, Inc.	BUY	59.35	Ordinary	2,757	2,757
	The Vanguard Group, Inc.	BUY	62.69	Ordinary	750	750
	The Vanguard Group, Inc.	SELL	61.99	Ordinary	(17,631)	(17,631)
	The Vanguard Group, Inc.	SELL	61.99	Ordinary	(2,560)	(2,560)
	The Vanguard Group, Inc.	BUY	61.88	Ordinary	9,923	9,923
	The Vanguard Group, Inc.	SELL	62.69	Ordinary	(10,277)	(10,277)
· · ·	The Vanguard Group, Inc.	SELL	58.62	Ordinary	(6,820)	(6,820)
	The Vanguard Group, Inc.	SELL	58.62	Ordinary	(23,508)	(23,508)
	The Vanguard Group, Inc.	SELL	58.62	Ordinary	(2,560)	(2,560)
	The Vanguard Group, Inc.	BUY	60.60	Ordinary	1,086	1,086
	The Vanguard Group, Inc.	BUY	60.35	Ordinary	7,555	7,555
7-May-2020	The Vanguard Group, Inc.	BUY	59.26	Ordinary	617	617
7-May-2020	The Vanguard Group, Inc.	BUY	59.93	Ordinary	312	312
7-May-2020	The Vanguard Group, Inc.	SELL	59.93	Ordinary	(1,235)	(1,235)
7-May-2020	The Vanguard Group, Inc.	SELL	59.93	Ordinary	(786)	(786)
8-May-2020	The Vanguard Group, Inc.	SELL	59.60	Ordinary	(11,886)	(11,886)
11-May-2020	The Vanguard Group, Inc.	SELL	60.14	Ordinary	(24,092)	(24,092)
12-May-2020	The Vanguard Group, Inc.	BUY	59.71	Ordinary	617	617
13-May-2020	The Vanguard Group, Inc.	BUY	60.85	Ordinary	3,399	3,399
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	BUY	60.85	Ordinary	999	999
	The Vanguard Group, Inc.	BUY	59.20	Ordinary	28	28
	The Vanguard Group, Inc.	SELL	59.40	Ordinary	(4,907)	(4,907)
	The Vanguard Group, Inc.	BUY	59.60	Ordinary	3,398	3,398
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	SELL	59.50	Ordinary	(5,828)	(5,828)
	The Vanguard Group, Inc.	SELL	59.50	Ordinary	(2,200)	(2,200)
	The Vanguard Group, Inc.	BUY	59.48	Ordinary	5,077	5,077
/	The Vanguard Group, Inc.	BUY	59.48	Ordinary	6,268	6,268
	The Vanguard Group, Inc.	BUY SELL	59.48 59.89	Ordinary	1,817	1,817
	The Vanguard Group, Inc.	SELL	60.10	Ordinary	(4,810) (6,457)	(4,810)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary Ordinary	1,845	(6,457) 1,845
	The Vanguard Group, Inc.	SELL	59.10	Ordinary	(656)	(656)
	The Vanguard Group, Inc.	SELL	59.10	Ordinary	(2,937)	(2,937)
	The Vanguard Group, Inc.	BUY	59.05	Ordinary	3,404	3,404
/	The Vanguard Group, Inc.	BUY	60.34	Ordinary	417	417
	The Vanguard Group, Inc.	BUY	60.34	Ordinary	6,464	6,464
	The Vanguard Group, Inc.	BUY	59.17	Ordinary	1,500	1,500
	The Vanguard Group, Inc.	BUY	58.70	Ordinary	9,682	9,682
	The Vanguard Group, Inc.	SELL	59.15	Ordinary	(5,588)	(5,588)
	The Vanguard Group, Inc.	BUY	59.15	Ordinary	4,115	4,115
	The Vanguard Group, Inc.	BUY	64.52	Ordinary	1,000	1,000
27-May-2020	The Vanguard Group, Inc.	BUY	64.30	Ordinary	1,394	1,394
28-May-2020	The Vanguard Group, Inc.	BUY	65.73	Ordinary	1,109	1,109
28-May-2020	The Vanguard Group, Inc.	BUY	65.51	Ordinary	20,376	20,376
	The Vanguard Group, Inc.	BUY	63.88	Ordinary	13,090	13,090
	The Vanguard Group, Inc.	SELL	63.71	Ordinary	(6,656)	(6,656)
	The Vanguard Group, Inc.	SELL	63.71	Ordinary	(7,056)	(7,056)
	The Vanguard Group, Inc.	SELL	63.75	Ordinary	(3,763)	(3,763)
	The Vanguard Group, Inc.	BUY	63.05	Ordinary	1,298	1,298
	The Vanguard Group, Inc.	BUY	63.96	Ordinary	8,490	8,490
	The Vanguard Group, Inc.	BUY	64.03	Ordinary	38,704	38,704
	The Vanguard Group, Inc.	BUY	64.43	Ordinary	25,470	25,470
	The Vanguard Group, Inc.	BUY	64.00	Ordinary	4,239	4,239
	The Vanguard Group, Inc.	BUY	66.50	Ordinary	1,500	1,500
3-Jun-2020	The Vanguard Group, Inc.	BUY	66.11	Ordinary	617	617

	Date of ch
>	0
(\bigcirc)	
615	
(\mathbf{D})	
20	
90	
(ΩD)	
60	
\mathcal{C}	
99	
$(\ \)$	
<u>a</u> b	
(15)	
QD	
(\bigcirc)	
~	
$\mathbf{\nabla}$	

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities	Person's votes affected
	The Vanguard Group, Inc.	SELL	66.11	Ordinary	(990)	(990)
	The Vanguard Group, Inc.	BUY	67.32	Ordinary	8,490	8,490
	The Vanguard Group, Inc.	SELL	68.01	Ordinary	(75,844)	(75,844)
5-Jun-2020	The Vanguard Group, Inc.	BUY	69.87	Ordinary	1,000	1,000
5-Jun-2020	The Vanguard Group, Inc.	BUY	68.73	Ordinary	934	934
5-Jun-2020	The Vanguard Group, Inc.	BUY	68.17	Ordinary	497	497
	The Vanguard Group, Inc.	SELL	68.27	Ordinary	(60,202)	(60,202)
	The Vanguard Group, Inc.	BUY	71.40	Ordinary	1,000	1,000
	The Vanguard Group, Inc.	SELL	71.37	Ordinary	(615)	(615)
	The Vanguard Group, Inc.	BUY	72.20	Ordinary	2,943	2,943
	The Vanguard Group, Inc.	BUY	72.20	Ordinary	3,408	3,408
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	72.20	Ordinary Ordinary	897 (121,722)	897 (121,722)
	The Vanguard Group, Inc.	SELL	71.37	Ordinary	(121,722)	(121,722)
	The Vanguard Group, Inc.	SELL	70.02	Ordinary	(19,390) (7,056)	(7,056)
	The Vanguard Group, Inc.	SELL	72.20	Ordinary	(1,072)	(1,072)
	The Vanguard Group, Inc.	SELL	71.60	Ordinary	(79,195)	(79,195)
	The Vanguard Group, Inc.	SELL	71.60	Ordinary	(5,802)	(5,802)
	The Vanguard Group, Inc.	SELL	71.60	Ordinary	(50,330)	(50,330)
	The Vanguard Group, Inc.	BUY	66.52	Ordinary	8,490	8,490
	The Vanguard Group, Inc.	SELL	69.87	Ordinary	(31,378)	(31,378)
	The Vanguard Group, Inc.	SELL	66.52	Ordinary	(7,836)	(7,836)
	The Vanguard Group, Inc.	SELL	66.52	Ordinary	(19,590)	(19,590)
11-Jun-2020	The Vanguard Group, Inc.	SELL	66.52	Ordinary	(11,754)	(11,754)
11-Jun-2020	The Vanguard Group, Inc.	SELL	68.44	Ordinary	(49,896)	(49,896)
15-Jun-2020	The Vanguard Group, Inc.	BUY	66.30	Ordinary	1,463	1,463
15-Jun-2020	The Vanguard Group, Inc.	SELL	68.09	Ordinary	(11,754)	(11,754)
17-Jun-2020	The Vanguard Group, Inc.	BUY	69.59	Ordinary	26,362	26,362
17-Jun-2020	The Vanguard Group, Inc.	BUY	69.70	Ordinary	84	84
18-Jun-2020	The Vanguard Group, Inc.	BUY	69.15	Ordinary	101,259	101,259
	The Vanguard Group, Inc.	BUY	68.25	Ordinary	1,000	1,000
	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(929)	(929)
	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(410)	(410)
	The Vanguard Group, Inc.	BUY	68.68	Ordinary	1,296	1,296
	The Vanguard Group, Inc.	BUY	68.68	Ordinary	4	4
	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(280,219)	(280,219)
	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(16,104)	(16,104)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL SELL	68.64 68.25	Ordinary Ordinary	(3,912) (3,072)	(3,912) (3,072)
	The Vanguard Group, Inc.	SELL	68.68	Ordinary	(10,113)	(10,113)
	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(10,113)	(26,621)
	The Vanguard Group, Inc.	SELL	68.25	Ordinary	(8,232)	(8,232)
	The Vanguard Group, Inc.	SELL	68.64		(14,094)	
	The Vanguard Group, Inc.	SELL	68.64	,	(1,)05 ()	
	The Vanguard Group, Inc.	BUY	68.15	Ordinary	477	477
	The Vanguard Group, Inc.	BUY	69.44	,	1,288	1,288
22-Jun-2020	The Vanguard Group, Inc.	SELL	68.15	Ordinary	(2,590)	(2,590)
	The Vanguard Group, Inc.	BUY	69.03	Ordinary	297	297
	The Vanguard Group, Inc.	SELL	69.66	Ordinary	(5,377)	(5,377)
24-Jun-2020	The Vanguard Group, Inc.	BUY	69.24	Ordinary	902	902
24-Jun-2020	The Vanguard Group, Inc.	BUY	69.24	Ordinary	234	234
	The Vanguard Group, Inc.	SELL	67.86	Ordinary	(4,070)	(4,070)
	The Vanguard Group, Inc.	SELL	67.86	Ordinary	(11,712)	
	The Vanguard Group, Inc.	SELL	67.86	Ordinary	(11,760)	
	The Vanguard Group, Inc.	SELL	67.86	Ordinary	(3,528)	(3,528)
	The Vanguard Group, Inc.	SELL	67.65	Ordinary	(1,686)	(1,686)
	The Vanguard Group, Inc.	SELL	68.10	Ordinary	(57,885)	(57,885)
	The Vanguard Group, Inc.	SELL	68.67	Ordinary	(2,094)	· · · · · ·
	The Vanguard Group, Inc.	BUY	69.33	Ordinary	1,449	1,449
	The Vanguard Group, Inc.	BUY	68.58		1,808	1,808
	The Vanguard Group, Inc.	BUY	67.80	Ordinary	593	593
	The Vanguard Group, Inc.	BUY	69.42	Ordinary	41,237	41,237
	The Vanguard Group, Inc.	SELL	69.42	Ordinary	(49)	(49)
	The Vanguard Group, Inc.	SELL	69.55	Ordinary	(6,210)	(6,210)
	The Vanguard Group, Inc.	SELL BUY	69.98	,	(9,760)	,
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	69.55 69.88	Ordinary	5,198 905	5,198 905
	The Vanguard Group, Inc.	BUY	69.88	Ordinary Ordinary	5,511	5,511
	THE VAIIEVALU CLUUD, IIIC.	501	09.45	orundry	5,511	5,511

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
2-Jul-2020	The Vanguard Group, Inc.	BUY	71.10	Ordinary	648	
2-Jul-2020	The Vanguard Group, Inc.	BUY	69.80	Ordinary	1,416	1
2-Jul-2020	The Vanguard Group, Inc.	BUY	69.80	Ordinary	4,452	4
3-Jul-2020	The Vanguard Group, Inc.	BUY	71.43	Ordinary	2,683	:
6-Jul-2020	The Vanguard Group, Inc.	BUY	71.61	Ordinary	2,898	
6-Jul-2020	The Vanguard Group, Inc.	BUY	71.42	Ordinary	1,296	
	The Vanguard Group, Inc.	BUY	71.61	Ordinary	3,700	
	The Vanguard Group, Inc.	BUY	71.24	Ordinary	576	
	The Vanguard Group, Inc.	BUY	71.90	Ordinary	290	
	The Vanguard Group, Inc.	SELL	71.90	Ordinary	(20,819)	(2
	The Vanguard Group, Inc.	SELL	70.97	Ordinary	(542)	(2)
	The Vanguard Group, Inc.	BUY	70.56	Ordinary	648	-
				,		
	The Vanguard Group, Inc.	BUY	70.56	Ordinary	1,129	
	The Vanguard Group, Inc.	BUY	70.97	Ordinary	1,576	
	The Vanguard Group, Inc.	BUY	71.02	Ordinary	46	
	The Vanguard Group, Inc.	BUY	71.02	Ordinary	2,211	
	The Vanguard Group, Inc.	SELL	70.94	Ordinary	(37,593)	(3
9-Jul-2020	The Vanguard Group, Inc.	BUY	71.02	Ordinary	9,905	
9-Jul-2020	The Vanguard Group, Inc.	BUY	69.98	Ordinary	2,102	
10-Jul-2020	The Vanguard Group, Inc.	BUY	70.63	Ordinary	565	
10-Jul-2020	The Vanguard Group, Inc.	BUY	70.61	Ordinary	733	
	The Vanguard Group, Inc.	BUY	70.61	Ordinary	69	
	The Vanguard Group, Inc.	SELL	71.73	Ordinary	(86,165)	(8)
	The Vanguard Group, Inc.	SELL	71.73	Ordinary	(21,715)	(2
	The Vanguard Group, Inc.	BUY	71.73	Ordinary	485	(2
	The Vanguard Group, Inc.	SELL	71.73	Ordinary	(824)	
	The Vanguard Group, Inc.	BUY	72.00	Ordinary	1,447	
	The Vanguard Group, Inc.	BUY	72.00	Ordinary	2,186	
				,		
	The Vanguard Group, Inc.	SELL	72.84	Ordinary	(20,400)	(2)
	The Vanguard Group, Inc.	SELL	72.84	Ordinary	(6,800)	()
	The Vanguard Group, Inc.	SELL	71.80	Ordinary	(32,994)	(3
	The Vanguard Group, Inc.	SELL	73.07	Ordinary	(726)	
	The Vanguard Group, Inc.	SELL	73.07	Ordinary	(21,665)	(2
	The Vanguard Group, Inc.	BUY	73.07	Ordinary	16,194	1
	The Vanguard Group, Inc.	BUY	73.07	Ordinary	3,019	
	The Vanguard Group, Inc.	BUY	73.07	Ordinary	5,294	
	The Vanguard Group, Inc.	SELL	72.81	Ordinary	(16,132)	(1
17-Jul-2020	The Vanguard Group, Inc.	BUY	72.83	Ordinary	11,495	1
21-Jul-2020	The Vanguard Group, Inc.	SELL	72.78	Ordinary	(441)	
	The Vanguard Group, Inc.	BUY	72.78	Ordinary	7,781	
	The Vanguard Group, Inc.	SELL	74.39	Ordinary	(23,089)	(2)
	The Vanguard Group, Inc.	SELL	73.60	Ordinary	(20,662)	(2)
	The Vanguard Group, Inc.	SELL	73.26	Ordinary	(18,963)	(1)
	The Vanguard Group, Inc.	BUY		Ordinary	8,500	(1
	The Vanguard Group, Inc.	BUY	72.91	Ordinary	10,664	1
				-		
	The Vanguard Group, Inc.	SELL	72.73	Ordinary	(29,190)	(2
	The Vanguard Group, Inc.	BUY	72.81	Ordinary	65	
	The Vanguard Group, Inc.	BUY	72.81	Ordinary	554	
	The Vanguard Group, Inc.	SELL	72.84	Ordinary	(18,899)	(1
	The Vanguard Group, Inc.	SELL	72.84	Ordinary	(2,393)	(3
29-Jul-2020	The Vanguard Group, Inc.	BUY	72.81	Ordinary	13,476	1
30-Jul-2020	The Vanguard Group, Inc.	BUY	73.30	Ordinary	966	
30-Jul-2020	The Vanguard Group, Inc.	BUY	73.22	Ordinary	1,806	
30-Jul-2020	The Vanguard Group, Inc.	BUY	73.22	Ordinary	536	
	The Vanguard Group, Inc.	BUY	71.20	Ordinary	560	
	The Vanguard Group, Inc.	BUY	71.20	Ordinary	1,608	
	The Vanguard Group, Inc.	SELL	72.52	Ordinary	(13,641)	(1
	The Vanguard Group, Inc.	BUY	72.52	Ordinary	11,143	1
	The Vanguard Group, Inc.	BUY	69.93	Ordinary	10,182	1
-				-		
÷	The Vanguard Group, Inc.	BUY	69.93	Ordinary	1,206	
-	The Vanguard Group, Inc.	BUY	70.41	Ordinary	1,986	
-	The Vanguard Group, Inc.	BUY	70.41	Ordinary	1,642	
-	The Vanguard Group, Inc.	BUY	70.41	Ordinary	918	
4-Aug-2020	The Vanguard Group, Inc.	BUY	71.68	Ordinary	1,449	
4-Aug-2020	The Vanguard Group, Inc.	BUY	71.50	Ordinary	560	
4-Aug-2020	The Vanguard Group, Inc.	BUY	71.30	Ordinary	1,615	
-	The Vanguard Group, Inc.	SELL	70.31	Ordinary	(1,018)	(
	The Vanguard Group, Inc.	BUY	71.70	Ordinary	545	· · · · ·

Page 26 of 67

6-4 6-4 7-4 11-4 11-4 12-4 13-4 13-4 13-4 13-4 13-4 13-4 13-4 13	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	to change(7) 72.00 71.94 71.94 71.52 71.26 74.70 74.16 74.34 75.97 72.43 72.43 72.43 72.39 72.39 72.39	Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary	966 45 16,896 698 5,517 19,034 5,275 560 114 644 1,808 (6,800)	966 45 16,896 698 5,517 19,034 5,275 560 114 644 1,808
6-4 7-4 11-4 11-4 12-4 13-4 13-4 13-4 13-4 13-4 13-4 13-4 13	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL BUY	71.94 71.52 71.26 74.70 74.16 74.34 75.97 72.43 72.43 72.43 72.39 72.39	Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary	16,896 698 5,517 19,034 5,275 560 114 644 1,808	16,896 698 5,517 19,034 5,275 560 114 644
7-4 7-4 11-4 11-4 12-4 12-4 13-4 13-4 13-4 13-4 13-4 13-4 13-4 13	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY BUY BUY BUY BUY BUY BUY SELL SELL BUY	71.52 71.26 74.70 74.16 74.34 75.97 72.43 72.43 72.43 72.39 72.39	Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary	698 5,517 19,034 5,275 560 114 644 1,808	698 5,517 19,034 5,275 560 114 644
7-4 11-4 11-4 12-4 12-4 13-4 1	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY BUY BUY BUY BUY SELL SELL BUY	71.26 74.70 74.16 74.34 75.97 72.43 72.43 72.43 72.39 72.39	Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary	5,517 19,034 5,275 560 114 644 1,808	5,517 19,034 5,275 560 114 644
11-4 11-4 12-4 12-4 13-4 13-4 13-4 13-4 13-4 13-4 13-4 13	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY BUY BUY BUY SELL SELL BUY	74.70 74.16 74.34 75.97 72.43 72.43 72.43 72.39 72.39	Ordinary Ordinary Ordinary Ordinary Ordinary Ordinary	19,034 5,275 560 114 644 1,808	19,034 5,275 560 114 644
11-4 12-4 12-4 13-4 13-4 13-4 13-4 13-4 13-4 13-4 13	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY BUY BUY SELL SELL BUY	74.16 74.34 75.97 72.43 72.43 72.43 72.39 72.39	Ordinary Ordinary Ordinary Ordinary Ordinary	5,275 560 114 644 1,808	5,275 560 114 644
12-4 12-4 13-4 13-4 13-4 13-4 13-4 13-4 13-4 13	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY BUY SELL SELL BUY	74.34 75.97 72.43 72.43 72.43 72.39 72.39	Ordinary Ordinary Ordinary Ordinary Ordinary	560 114 644 1,808	560 114 644
12-4 13-4 13-4 13-4 13-4 13-4 13-4 13-4 13	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY SELL SELL BUY	75.97 72.43 72.43 72.39 72.39 72.39	Ordinary Ordinary Ordinary Ordinary	114 644 1,808	114 644
13-4 13-4 13-4 13-4 13-4 17-4 17-4 17-4 17-4 17-4 17-4 18-4	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY SELL SELL BUY	72.43 72.43 72.39 72.39	Ordinary Ordinary Ordinary	644 1,808	644
13-4 13-4 13-4 17-4 17-4 17-4 17-4 17-4 17-4 18-4	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL SELL BUY	72.43 72.39 72.39	Ordinary Ordinary	1,808	
13-4 13-4 17-4 17-4 17-4 17-4 17-4 17-4 18-4	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc. The Vanguard Group, Inc. The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL SELL BUY	72.39 72.39	Ordinary		1,000
13-4 17-4 17-4 17-4 17-4 17-4 17-4 18-4	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc. The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	72.39	,		(6,800)
17-4 17-4 17-4 17-4 17-4 17-4 18-4	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		L UTUMARV	(6,125)	(6,125)
17-4 17-4 17-4 17-4 17-4 18-4 18-4	Aug-2020 Aug-2020 Aug-2020 Aug-2020 Aug-2020	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	7,400	7,400
17-A 17-A 18-A 18-A	Aug-2020 Aug-2020 Aug-2020			70.86	Ordinary	966	966
17-4 18-4 18-4	Aug-2020 Aug-2020	The Vanguard Group, Inc.	BUY	71.10	Ordinary	642	642
18-A 18-A	Aug-2020	The Funguara Group) mer	BUY	70.86	Ordinary	17,775	17,775
18-4	· ·	The Vanguard Group, Inc.	BUY	70.86	Ordinary	23,700	23,700
		The Vanguard Group, Inc.	SELL	70.50	Ordinary	(70,803)	(70,803)
	Aug-2020	The Vanguard Group, Inc.	BUY	70.50	Ordinary	4,440	4,440
	Ū	The Vanguard Group, Inc.	BUY	70.50	Ordinary	70,803	70,803
		The Vanguard Group, Inc.	BUY	70.48	Ordinary	15,597	15,597
	· ·	The Vanguard Group, Inc.	SELL	69.51	Ordinary	(843)	(843)
		The Vanguard Group, Inc.	BUY	70.59	Ordinary	2,590	2,590
	· ·	The Vanguard Group, Inc.	BUY	70.59	Ordinary	966	966
-		The Vanguard Group, Inc.	SELL	69.85	Ordinary	(2,229)	(2,229)
	· ·	The Vanguard Group, Inc.	BUY	70.59	Ordinary	1,359	1,359
-	· ·	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	70.50	Ordinary Ordinary	1,619 644	1,619 644
-	· ·	The Vanguard Group, Inc.	SELL	69.63	Ordinary	(3,865)	(3,865)
	-	The Vanguard Group, Inc.	BUY	70.00	Ordinary	5,101	5,101
		The Vanguard Group, Inc.	SELL	69.82	Ordinary	(3,157)	(3,157)
	-	The Vanguard Group, Inc.	BUY	70.03	Ordinary	1,055	1,055
-		The Vanguard Group, Inc.	BUY	69.22	Ordinary	7,770	7,770
27-4	Aug-2020	The Vanguard Group, Inc.	BUY	69.65	Ordinary	28	28
27-4	Aug-2020	The Vanguard Group, Inc.	BUY	69.22	Ordinary	9,875	9,875
28-4	Aug-2020	The Vanguard Group, Inc.	BUY	69.09	Ordinary	644	644
31-4	Aug-2020	The Vanguard Group, Inc.	SELL	68.87	Ordinary	(9,371)	(9,371)
31-/	Aug-2020	The Vanguard Group, Inc.	SELL	68.37	Ordinary	(5,793)	(5,793)
	-	The Vanguard Group, Inc.	BUY	68.85	Ordinary	77	77
	-	The Vanguard Group, Inc.	BUY	68.15	Ordinary	2,112	2,112
	-	The Vanguard Group, Inc.	SELL	66.97	Ordinary	(708,178)	(708,178)
		The Vanguard Group, Inc.	BUY	66.97	Ordinary	708,178	708,178
		The Vanguard Group, Inc.	BUY BUY	68.00	,	3,700	3,700 1,449
	-	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	68.00 66.96	Ordinary Ordinary	1,449 (850)	
	-	The Vanguard Group, Inc.	BUY	67.61	Ordinary	942	942
/		The Vanguard Group, Inc.	BUY	67.61	Ordinary	19,327	19,327
		The Vanguard Group, Inc.	BUY	66.86	Ordinary	3,700	3,700
		The Vanguard Group, Inc.	BUY	68.18	Ordinary	638	638
/	-	The Vanguard Group, Inc.	BUY	68.18	Ordinary	2,528	2,528
		The Vanguard Group, Inc.	BUY	68.25	Ordinary	1,153	1,153
3-9	Sep-2020	The Vanguard Group, Inc.	BUY	68.25	Ordinary	4,389	4,389
4-9	Sep-2020	The Vanguard Group, Inc.	BUY	66.53	Ordinary	3,700	3,700
4-5	Sep-2020	The Vanguard Group, Inc.	BUY	67.13	Ordinary	21,669	21,669
		The Vanguard Group, Inc.	BUY	67.13	Ordinary	332	332
/		The Vanguard Group, Inc.	SELL	66.73	Ordinary	(16,281)	(16,281)
		The Vanguard Group, Inc.	BUY	68.49	Ordinary	4,657	4,657
		The Vanguard Group, Inc.	BUY	68.49	Ordinary	536	536
		The Vanguard Group, Inc.	BUY	68.49	Ordinary	1,090	1,090
		The Vanguard Group, Inc.	BUY	66.79	Ordinary	560	560
-		The Vanguard Group, Inc.	BUY	66.60	Ordinary	158	158
		The Vanguard Group, Inc.	BUY	67.88	Ordinary	17,805	17,805
		The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	66.72	Ordinary	(17,872)	(17,872)
		The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	65.62 65.80	Ordinary Ordinary	5,550 2,313	5,550 2,313
		The Vanguard Group, Inc.	BUY	66.00	Ordinary	2,313	47
-		The Vanguard Group, Inc.	BUY	66.00	Ordinary	606	606

ate of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities	Person's votes affected
	The Vanguard Group, Inc.	BUY	66.17	Ordinary	1,134	1,134
	The Vanguard Group, Inc.	SELL	66.17	Ordinary	(23,519)	(23,519
	The Vanguard Group, Inc.	SELL	66.00	Ordinary	(120)	(120
	The Vanguard Group, Inc.	SELL	65.03	Ordinary	(17,608)	(17,608
	The Vanguard Group, Inc.	BUY	65.57	Ordinary	966	966
	The Vanguard Group, Inc.	BUY	65.60	Ordinary	78	78
	The Vanguard Group, Inc.	BUY	65.57	Ordinary	2,112	2,112
	The Vanguard Group, Inc.	BUY	65.00	Ordinary	638	638
	The Vanguard Group, Inc.	BUY	65.00	Ordinary	536	536
	The Vanguard Group, Inc.	SELL	65.00	Ordinary	(34,101)	(34,101
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(191,789)	(191,789
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(232)/03)	(191)/03
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(7,891)	(7,891
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(3,186)	(3,186
	The Vanguard Group, Inc.	BUY	64.37	Ordinary	1,364	1,364
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(453)	(453
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(787)	(787
	The Vanguard Group, Inc.	BUY	64.37	Ordinary	21	21
	The Vanguard Group, Inc.	BUY	65.11	Ordinary	129	129
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(6,991)	(6,991
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(0,391)	(0,991
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(10,569)	(10,569
	The Vanguard Group, Inc.	SELL	64.37	Ordinary	(10,505)	(531
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(18,136)	(18,136
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(10,150) (9,967)	(9,967
	The Vanguard Group, Inc.	SELL	64.37	Ordinary	(24,362)	(24,362
	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(1,555)	(1,555
	The Vanguard Group, Inc.	BUY	63.89	Ordinary	1,056	1,056
	The Vanguard Group, Inc.	SELL	64.30	Ordinary	(2,829)	(2,829
	The Vanguard Group, Inc.	BUY	63.50	Ordinary	2,096	2,096
	The Vanguard Group, Inc.	SELL	63.07	Ordinary	(715)	(715
	The Vanguard Group, Inc.	BUY	63.26	Ordinary	2,078	2,078
	The Vanguard Group, Inc.	SELL	63.49	Ordinary	(912)	(912
	The Vanguard Group, Inc.	BUY	64.27	Ordinary	554	554
	The Vanguard Group, Inc.	BUY	63.49	Ordinary	1,638	1,638
	The Vanguard Group, Inc.	BUY	64.20	Ordinary	2,287	2,287
	The Vanguard Group, Inc.	SELL	63.48	Ordinary	(8,322)	(8,322
	The Vanguard Group, Inc.	SELL	64.20	Ordinary	(36,073)	(36,073
	The Vanguard Group, Inc.	BUY	66.58	Ordinary	1,449	1,449
	The Vanguard Group, Inc.	BUY	65.49		110	110
	The Vanguard Group, Inc.	SELL	66.50	Ordinary	(10,534)	(10,534
	The Vanguard Group, Inc.	BUY	65.49	Ordinary	20,750	20,750
	The Vanguard Group, Inc.	SELL	64.79		(719,329)	(719,329
	The Vanguard Group, Inc.	BUY	64.79	,	719,329	719,329
	The Vanguard Group, Inc.	BUY	65.89	Ordinary	633	633
	The Vanguard Group, Inc.	SELL	65.02	Ordinary	(10,890)	(10,890
	The Vanguard Group, Inc.	BUY	63.61	Ordinary	865	865
	The Vanguard Group, Inc.	BUY	63.61		924	924
	The Vanguard Group, Inc.	SELL	63.61	Ordinary	(707)	(707
	The Vanguard Group, Inc.	BUY	64.04		1,625	1,625
	The Vanguard Group, Inc.	SELL	63.91	Ordinary	(1,754)	(1,754
	The Vanguard Group, Inc.	BUY	63.72	Ordinary	535	535
	The Vanguard Group, Inc.	BUY	63.92		146	146
	The Vanguard Group, Inc.	BUY	64.07	Ordinary	11,610	11,610
	The Vanguard Group, Inc.	BUY	66.40	-	966	966
	The Vanguard Group, Inc.	BUY	65.99	Ordinary	6,726	6,726
	The Vanguard Group, Inc.	BUY	65.56	,	1,449	1,449
	The Vanguard Group, Inc.	BUY	66.15		590	590
	The Vanguard Group, Inc.	BUY	65.56		1,039	1,039
	The Vanguard Group, Inc.	BUY	67.57		4,865	4,865
	The Vanguard Group, Inc.	BUY	68.25	Ordinary	2,744	2,744
	The Vanguard Group, Inc.	BUY	67.90	Ordinary	11,100	11,100
	The Vanguard Group, Inc.	BUY	67.90		966	966
	The Vanguard Group, Inc.	BUY	67.90		1,449	1,449
	The Vanguard Group, Inc.	BUY			2,073	
9-001-2020		BUY	68.50 67.90	Ordinary Ordinary	2,073	2,073 25,155
0.0+ 2020					25.155	25,155
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	67.90		9,675	9,675

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
	The Vanguard Group, Inc.	BUY	68.61	Ordinary	33,553	33,553
12-Oct-2020	The Vanguard Group, Inc.	BUY	68.61	Ordinary	1,198	1,198
13-Oct-2020	The Vanguard Group, Inc.	BUY	69.38	Ordinary	590	590
	The Vanguard Group, Inc.	SELL	69.38	Ordinary	(20,791)	(20,791)
	The Vanguard Group, Inc.	BUY	69.57	Ordinary	149	149
	The Vanguard Group, Inc.	SELL	68.91	Ordinary	(1,282)	(1,282)
	The Vanguard Group, Inc.	SELL	68.67	Ordinary	(19,522)	(19,522)
	The Vanguard Group, Inc.	BUY	69.28	Ordinary	1,014	1,014
	The Vanguard Group, Inc.	BUY	69.00	Ordinary	2,603	2,603
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	70.01	Ordinary Ordinary	1,180	1,180 3,318
	The Vanguard Group, Inc.	SELL	69.67	Ordinary	3,318 (13,287)	(13,287)
	The Vanguard Group, Inc.	BUY	69.01	Ordinary	10,237	10,237
	The Vanguard Group, Inc.	SELL	69.01	Ordinary	(11,453)	(11,453
	The Vanguard Group, Inc.	BUY	69.33	Ordinary	908	908
	The Vanguard Group, Inc.	BUY	69.90	Ordinary	1,164	1,164
	The Vanguard Group, Inc.	SELL	69.90	Ordinary	(2,392)	(2,392)
	The Vanguard Group, Inc.	BUY	69.62	Ordinary	119	119
	The Vanguard Group, Inc.	BUY	69.90	Ordinary	9,596	9,596
	The Vanguard Group, Inc.	BUY	69.95	Ordinary	7,405	7,405
	The Vanguard Group, Inc.	BUY	68.75	Ordinary	6,730	6,730
	The Vanguard Group, Inc.	BUY	69.09	Ordinary	14,258	14,258
28-Oct-2020	The Vanguard Group, Inc.	SELL	68.02	Ordinary	(524)	(524)
28-Oct-2020	The Vanguard Group, Inc.	BUY	68.45	Ordinary	877	877
28-Oct-2020	The Vanguard Group, Inc.	BUY	67.25	Ordinary	2,078	2,078
29-Oct-2020	The Vanguard Group, Inc.	BUY	68.14	Ordinary	944	944
29-Oct-2020	The Vanguard Group, Inc.	BUY	68.27	Ordinary	1,039	1,039
30-Oct-2020	The Vanguard Group, Inc.	BUY	69.07	Ordinary	483	483
30-Oct-2020	The Vanguard Group, Inc.	BUY	69.02	Ordinary	7,080	7,080
30-Oct-2020	The Vanguard Group, Inc.	SELL	69.02	Ordinary	(489)	(489)
30-Oct-2020	The Vanguard Group, Inc.	BUY	68.15	Ordinary	302	302
2-Nov-2020	The Vanguard Group, Inc.	BUY	69.37	Ordinary	966	966
	The Vanguard Group, Inc.	BUY	68.87	Ordinary	7,080	7,080
	The Vanguard Group, Inc.	BUY	68.87	Ordinary	910	910
	The Vanguard Group, Inc.	BUY	68.87	Ordinary	890	890
	The Vanguard Group, Inc.	BUY	69.68	Ordinary	114	114
	The Vanguard Group, Inc.	BUY	70.41	Ordinary	2,898	2,898
	The Vanguard Group, Inc.	BUY	69.07	Ordinary	1,062	1,062
	The Vanguard Group, Inc.	SELL	69.07	Ordinary	(10,580)	(10,580)
	The Vanguard Group, Inc.	BUY BUY	70.41	Ordinary	3,117 948	3,117 948
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	68.75 69.67	Ordinary Ordinary	24,070	24,070
	The Vanguard Group, Inc.	BUY	69.67	Ordinary	1,282	1,282
	The Vanguard Group, Inc.	BUY	69.67	Ordinary	1,282	1,282
	The Vanguard Group, Inc.	BUY	69.79	Ordinary	590	590
	The Vanguard Group, Inc.	BUY	70.00	Ordinary	174	174
	The Vanguard Group, Inc.	BUY	70.31	Ordinary	916	916
	The Vanguard Group, Inc.	BUY	70.31	Ordinary	746	746
	The Vanguard Group, Inc.	SELL	72.06	Ordinary	(55,004)	(55,004)
	The Vanguard Group, Inc.	SELL	72.40	Ordinary	(4,130)	(4,130)
	The Vanguard Group, Inc.	SELL	72.06	Ordinary	(5,118)	(5,118)
	The Vanguard Group, Inc.	SELL	72.95	Ordinary	(318)	(318)
11-Nov-2020	The Vanguard Group, Inc.	SELL	74.40	Ordinary	(390)	(390)
	The Vanguard Group, Inc.	BUY	73.07	Ordinary	910	910
	The Vanguard Group, Inc.	BUY	73.14	Ordinary	16,630	16,630
16-Nov-2020	The Vanguard Group, Inc.	BUY	74.59	Ordinary	3,336	3,336
16-Nov-2020	The Vanguard Group, Inc.	BUY	74.59	Ordinary	2,078	2,078
17-Nov-2020	The Vanguard Group, Inc.	BUY	75.39	Ordinary	3,540	3,540
17-Nov-2020	The Vanguard Group, Inc.	BUY	74.65	Ordinary	25,756	25,756
	The Vanguard Group, Inc.	BUY	75.39	Ordinary	1,409	1,409
	The Vanguard Group, Inc.	SELL	74.65	Ordinary	(370)	(370)
17-Nov-2020	The Vanguard Group, Inc.	BUY	74.65	Ordinary	128	128
	The Vanguard Group, Inc.	BUY	77.55	Ordinary	750	750
	The Vanguard Group, Inc.	BUY	76.98	Ordinary	2,078	2,078
	The Vanguard Group, Inc.	BUY	78.87	Ordinary	647	647
	The Vanguard Group, Inc.	BUY	78.00	Ordinary	39	39
	The Vanguard Group, Inc.	BUY	80.00	Ordinary	5,802	5,802
20-Nov-2020	The Vanguard Group, Inc.	BUY	80.00	Ordinary	2,653	2,653

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
20-Nov-2020	The Vanguard Group, Inc.	BUY	80.00	Ordinary	379	379
	The Vanguard Group, Inc.	BUY	80.00	Ordinary	112	112
	The Vanguard Group, Inc.	BUY	78.78	Ordinary	894	894
	The Vanguard Group, Inc.	BUY	80.00	Ordinary	9,488	9,488
	The Vanguard Group, Inc.	BUY	80.00	Ordinary	1,320	1,320
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	80.00 81.16	Ordinary Ordinary	1,651 915	1,651 915
	The Vanguard Group, Inc.	BUY	82.37	Ordinary	590	590
	The Vanguard Group, Inc.	BUY	82.37	Ordinary	2,666	2,666
	The Vanguard Group, Inc.	BUY	82.40	Ordinary	121	121
	The Vanguard Group, Inc.	BUY	81.09	Ordinary	6,736	6,736
	The Vanguard Group, Inc.	SELL	80.73	Ordinary	(139,900)	(139,900
30-Nov-2020	The Vanguard Group, Inc.	BUY	79.07	Ordinary	337	337
30-Nov-2020	The Vanguard Group, Inc.	BUY	79.07	Ordinary	915	915
30-Nov-2020	The Vanguard Group, Inc.	SELL	79.57	Ordinary	(7,709)	(7,709
	The Vanguard Group, Inc.	SELL	79.57	Ordinary	(7,505)	(7,505
	The Vanguard Group, Inc.	BUY	80.25	Ordinary	1,180	1,180
	The Vanguard Group, Inc.	BUY	80.25	Ordinary	590	590
	The Vanguard Group, Inc.	BUY	80.25	Ordinary	964	964
	The Vanguard Group, Inc.	BUY	80.25	Ordinary	1,479	1,479
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	79.01	Ordinary Ordinary	55 2,042	55 2,042
	The Vanguard Group, Inc.	BUY	80.10	Ordinary	14,184	14,184
	The Vanguard Group, Inc.	BUY	80.10	Ordinary	914	914
	The Vanguard Group, Inc.	BUY	80.10	Ordinary	1,025	1,025
	The Vanguard Group, Inc.	BUY	80.33	Ordinary	625	625
	The Vanguard Group, Inc.	BUY	80.00	Ordinary	419	419
	The Vanguard Group, Inc.	BUY	79.60	Ordinary	11,830	11,830
4-Dec-2020	The Vanguard Group, Inc.	BUY	80.18	Ordinary	914	914
4-Dec-2020	The Vanguard Group, Inc.	BUY	79.80	Ordinary	73	73
7-Dec-2020	The Vanguard Group, Inc.	BUY	80.74	Ordinary	3,368	3,368
	The Vanguard Group, Inc.	BUY	80.74	Ordinary	889	889
	The Vanguard Group, Inc.	BUY	80.82	Ordinary	2,100	2,100
	The Vanguard Group, Inc.	BUY	80.82	Ordinary	3,150	3,150
	The Vanguard Group, Inc.	BUY	81.81	Ordinary	365	365
	The Vanguard Group, Inc.	BUY	80.38	Ordinary	1,915	1,915
	The Vanguard Group, Inc.	BUY	82.02	Ordinary	15,228	15,228
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	82.02	Ordinary Ordinary	1,251 (19,870)	1,251 (19,870
	The Vanguard Group, Inc.	BUY	82.00	Ordinary	5,076	5,076
	The Vanguard Group, Inc.	SELL	83.55	Ordinary	(688)	(688
	The Vanguard Group, Inc.	BUY	83.55	Ordinary	106	106
	The Vanguard Group, Inc.	BUY	83.18	Ordinary	1,668	1,668
11-Dec-2020	The Vanguard Group, Inc.	BUY	82.90	, Ordinary	424	424
11-Dec-2020	The Vanguard Group, Inc.	BUY	82.36	Ordinary	2,502	2,502
11-Dec-2020	The Vanguard Group, Inc.	BUY	82.36	Ordinary	3,150	3,150
11-Dec-2020	The Vanguard Group, Inc.	SELL	82.36	Ordinary	(42,401)	(42,401
14-Dec-2020	The Vanguard Group, Inc.	BUY	83.92	Ordinary	1,096	1,096
	The Vanguard Group, Inc.	BUY	83.65	Ordinary	11,844	11,844
	The Vanguard Group, Inc.	BUY	83.85	Ordinary	3,367	3,367
	The Vanguard Group, Inc.	BUY	83.85	Ordinary	915	915
	The Vanguard Group, Inc.	SELL	83.13	Ordinary	(4,291)	(4,291
	The Vanguard Group, Inc.	SELL	84.59	Ordinary	(6,551)	(6,551
	The Vanguard Group, Inc.	BUY	84.59	Ordinary	70	70
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL SELL	83.26	Ordinary Ordinary	(141,882) (20,045)	(141,882 (20,045
	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(20,045)	
	The Vanguard Group, Inc.	BUY	83.16	Ordinary	3,352	3,352
	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(1,116)	
	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(545)	(545
	The Vanguard Group, Inc.	BUY	83.16	Ordinary	931	931
	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(249)	(249
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(215)	(215
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(1,222)	(1,222
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(316)	(316
18-Dec-2020	The Vanguard Group, Inc.	BUY	83.16	Ordinary	4,728	4,728
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(720)	(720
	The Vanguard Group, Inc.	BUY	83.16	Ordinary	496	496

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities	Person's votes affected
	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(12,734)	(12,734
	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(70.160)	(70,160
	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(2,416)	(2,416
	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(2,365)	(2,365
	The Vanguard Group, Inc.	BUY	83.19	Ordinary	1,183	1,183
	The Vanguard Group, Inc.	BUY	83.19	Ordinary	4,732	4,732
	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(1,622)	(1,622
	The Vanguard Group, Inc.	BUY	83.00	, Ordinary	3,351	3,352
	The Vanguard Group, Inc.	BUY	83.12	Ordinary	1,433	1,433
	The Vanguard Group, Inc.	SELL	83.00	, Ordinary	(27,567)	(27,56)
	The Vanguard Group, Inc.	BUY	82.34	Ordinary	4,724	4,724
	The Vanguard Group, Inc.	BUY	82.34	Ordinary	8,405	8,405
	The Vanguard Group, Inc.	BUY	82.42	Ordinary	1,607	1,607
	The Vanguard Group, Inc.	BUY	82.75	Ordinary	7,273	7,273
	The Vanguard Group, Inc.	BUY	83.18	Ordinary	19,335	19,335
	The Vanguard Group, Inc.	BUY	83.18	Ordinary	859	859
	The Vanguard Group, Inc.	BUY	83.79	Ordinary	30.721	30,721
	The Vanguard Group, Inc.	BUY	83.15	Ordinary	590	590
	The Vanguard Group, Inc.	BUY	83.15	Ordinary	3,349	3,349
	The Vanguard Group, Inc.	BUY	83.79	Ordinary	165	165
	The Vanguard Group, Inc.	BUY	84.05	Ordinary	2,538	2,538
	The Vanguard Group, Inc.	BUY	84.05	Ordinary	4,120	4,120
	The Vanguard Group, Inc.	BUY	83.72	Ordinary	2,068	2,068
	The Vanguard Group, Inc.	BUY	84.05	Ordinary	6,779	6,779
	The Vanguard Group, Inc.	SELL	83.36	Ordinary	(35,647)	(35,647
	The Vanguard Group, Inc.	SELL	83.59	Ordinary	(24,443)	(24,443
	The Vanguard Group, Inc.	BUY	83.44	Ordinary	432	432
	The Vanguard Group, Inc.	BUY	83.44	Ordinary	1,034	1,034
	The Vanguard Group, Inc.	BUY	83.59	Ordinary	12,745	12,745
	The Vanguard Group, Inc.	BUY	83.59	Ordinary	1,180	1,180
	The Vanguard Group, Inc.	SELL	83.59	Ordinary	(19,898)	(19,898
	The Vanguard Group, Inc.	BUY	83.55	Ordinary	789	789
	The Vanguard Group, Inc.	SELL	82.11	Ordinary	(2,596)	(2,596
	The Vanguard Group, Inc.	SELL	82.45	Ordinary	(24,986)	(24,986
	The Vanguard Group, Inc.	BUY	82.11	Ordinary	2,161	2,16
	The Vanguard Group, Inc.	BUY	82.45	Ordinary	24,986	24,986
	The Vanguard Group, Inc.	BUY	82.23	Ordinary	4,210	4,210
	The Vanguard Group, Inc.	BUY	83.56	Ordinary	7,086	7,086
	The Vanguard Group, Inc.	BUY	83.56	Ordinary	2,085	2,085
	The Vanguard Group, Inc.	BUY	83.56	Ordinary	2,502	2,502
	The Vanguard Group, Inc.	SELL	83.00	Ordinary	(1,121)	(1,12)
	The Vanguard Group, Inc.	BUY	83.23	Ordinary	3,361	3,361
	The Vanguard Group, Inc.	BUY	83.23	Ordinary	801	801
	The Vanguard Group, Inc.	BUY	83.23	-	1,977	1,977
	The Vanguard Group, Inc.	BUY	83.23	Ordinary	574	574
	The Vanguard Group, Inc.	BUY	83.00	Ordinary	3,589	3,589
	The Vanguard Group, Inc.	BUY	83.00	Ordinary	101	102
	The Vanguard Group, Inc.	BUY	83.00	Ordinary	1,157	1,15
	The Vanguard Group, Inc.	BUY	83.00	Ordinary	449	449
	The Vanguard Group, Inc.	BUY	83.41	Ordinary	6,616	6,61
	The Vanguard Group, Inc.	SELL	83.41	Ordinary	(17,875)	(17,87
	The Vanguard Group, Inc.	SELL	82.78	Ordinary	(356)	(35)
	The Vanguard Group, Inc.	BUY	82.78	Ordinary	590	59
	The Vanguard Group, Inc.	SELL	82.90	Ordinary	(240)	(24
	The Vanguard Group, Inc.	BUY	82.90	Ordinary	29,525	29,52
	The Vanguard Group, Inc.	BUY	84.94	Ordinary	1,668	1,66
	The Vanguard Group, Inc.	BUY	84.94	Ordinary	29,772	29,77
	The Vanguard Group, Inc.	SELL	84.94	Ordinary	(24,423)	(24,42
	The Vanguard Group, Inc.	BUY	84.40	Ordinary	864	(24,42
	The Vanguard Group, Inc.	BUY	84.38		8,584	8,58
		BUY		Ordinary		8,58
	The Vanguard Group, Inc.		84.58	Ordinary	912	
	The Vanguard Group, Inc.	BUY	85.62	Ordinary	17,715	17,71
	The Vanguard Group, Inc.	BUY	85.62	Ordinary	3,336	3,33
	The Vanguard Group, Inc.	BUY	85.63	Ordinary	6,490	6,49
8-Jan-2021	The Vanguard Group, Inc.	BUY	85.63	Ordinary	2,378	2,37
8-Jan-2021	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	85.63 85.63	Ordinary Ordinary	910 8,035	91 8,03

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
· · ·	The Vanguard Group, Inc.	BUY	85.62	Ordinary	23,196	23,196
	The Vanguard Group, Inc.	BUY	85.40	Ordinary	1,821	1,821
	The Vanguard Group, Inc.	BUY	85.40	Ordinary	1,821	1,821
11-Jan-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	3,376	3,376
11-Jan-2021	The Vanguard Group, Inc.	BUY	85.16	Ordinary	3,361	3,36
12-Jan-2021	The Vanguard Group, Inc.	BUY	86.00	Ordinary	4,962	4,962
12-Jan-2021	. The Vanguard Group, Inc.	BUY	86.00	Ordinary	13,232	13,232
12-Jan-2021	. The Vanguard Group, Inc.	SELL	85.74	Ordinary	(42,288)	(42,288
12-Jan-2021	The Vanguard Group, Inc.	BUY	85.88	Ordinary	590	590
12-Jan-2021	. The Vanguard Group, Inc.	BUY	85.88	Ordinary	449	449
13-Jan-2021	The Vanguard Group, Inc.	BUY	86.04	Ordinary	2,085	2,08
13-Jan-2021	The Vanguard Group, Inc.	BUY	86.04	Ordinary	3,102	3,10
	The Vanguard Group, Inc.	BUY	86.04	Ordinary	3,102	3,10
	The Vanguard Group, Inc.	BUY	85.97	Ordinary	590	59
	The Vanguard Group, Inc.	BUY	85.97	Ordinary	1,687	1,68
	. The Vanguard Group, Inc.	BUY	85.40	Ordinary	1,951	1,95
	The Vanguard Group, Inc.	BUY	86.04	Ordinary	13,531	13,53
	. The Vanguard Group, Inc.	BUY	86.17	Ordinary	3,543	3,543
	. The Vanguard Group, Inc.	BUY	86.17	Ordinary	1,668	1,668
	The Vanguard Group, Inc.	BUY	86.17	Ordinary	2,068	2,06
	. The Vanguard Group, Inc.	BUY	86.33	Ordinary	914	91-
	. The Vanguard Group, Inc.	BUY	85.09	Ordinary	5,170	5,170
	. The Vanguard Group, Inc.	BUY	84.67	Ordinary	3,361	3,363
	The Vanguard Group, Inc.	BUY	85.10	Ordinary	12,605	12,60
	The Vanguard Group, Inc.	BUY	85.10	Ordinary	117	117
	The Vanguard Group, Inc.	BUY	85.11	Ordinary	590	590
	The Vanguard Group, Inc.	BUY	85.11	Ordinary	41,948	41,948
	The Vanguard Group, Inc.	BUY	84.37	Ordinary	1,285	1,28
	The Vanguard Group, Inc.	BUY	84.37	Ordinary	745	74
	The Vanguard Group, Inc.	BUY	85.11	Ordinary	78	78
	The Vanguard Group, Inc.	BUY	85.12	Ordinary	14,886	14,886
	The Vanguard Group, Inc.	BUY	85.12	Ordinary	7,732	7,73
	The Vanguard Group, Inc.	BUY SELL	85.09 85.00	Ordinary Ordinary	864 (269)	864
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	85.08	Ordinary	2,394	2,394
	The Vanguard Group, Inc.	BUY	85.08	Ordinary	15,952	15,95
	The Vanguard Group, Inc.	BUY	85.09	Ordinary	1,180	1,18
	The Vanguard Group, Inc.	BUY	85.09	Ordinary	6,718	6,71
	The Vanguard Group, Inc.	BUY	85.09	Ordinary	20,957	20,95
	The Vanguard Group, Inc.	BUY	85.08	Ordinary	612	61
	The Vanguard Group, Inc.	BUY	85.25	Ordinary	5,213	5,21
	The Vanguard Group, Inc.	BUY	85.27	Ordinary	502	50
	The Vanguard Group, Inc.	BUY	85.25	Ordinary	749	74
	The Vanguard Group, Inc.	BUY	85.29	, Ordinary	17,397	17,39
	The Vanguard Group, Inc.	BUY	86.60	Ordinary	2,249	2,249
	The Vanguard Group, Inc.	BUY	86.60	Ordinary	3,360	3,36
	The Vanguard Group, Inc.	BUY	86.60	Ordinary	1,304	-
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.06	Ordinary	788	78
	The Vanguard Group, Inc.	BUY	86.06	Ordinary	91	9
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.06	Ordinary	11,080	11,08
	The Vanguard Group, Inc.	BUY	86.06	Ordinary	4,480	4,48
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.06	Ordinary	3,044	3,04
28-Jan-2021	. The Vanguard Group, Inc.	BUY	85.62	Ordinary	864	86
28-Jan-2021	The Vanguard Group, Inc.	SELL	85.31	Ordinary	(599)	(59
28-Jan-2021	The Vanguard Group, Inc.	BUY	85.62	Ordinary	3,102	3,10
28-Jan-2021	. The Vanguard Group, Inc.	BUY	85.62	Ordinary	2,068	2,06
28-Jan-2021	The Vanguard Group, Inc.	BUY	85.14	Ordinary	590	59
28-Jan-2021	The Vanguard Group, Inc.	BUY	85.14	Ordinary	21,912	21,91
	The Vanguard Group, Inc.	BUY	85.62	Ordinary	11,598	11,59
	The Vanguard Group, Inc.	BUY	83.08	Ordinary	5,905	5,90
	The Vanguard Group, Inc.	BUY	83.08	Ordinary	4,962	4,96
	The Vanguard Group, Inc.	BUY	83.51	Ordinary	1,180	1,18
	The Vanguard Group, Inc.	BUY	83.51	Ordinary	3,547	3,54
	The Vanguard Group, Inc.	BUY	83.51	Ordinary	894	
	The Vanguard Group, Inc.	BUY	85.99	Ordinary	94	
	. The Vanguard Group, Inc.	BUY	85.99	Ordinary	4,921	4,92
	The Vanguard Group, Inc.	BUY	83.08	Ordinary	11,598	
1-Feb-2021	The Vanguard Group, Inc.	SELL	84.68	Ordinary	(5,310)	(5,31

	Date of o
>>	
	<u> </u>

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
	The Vanguard Group, Inc.	BUY	84.68	Ordinary	1,077	1,077
	The Vanguard Group, Inc.	BUY	84.68	Ordinary	587	587
2-Feb-2021	The Vanguard Group, Inc.	BUY	86.59	Ordinary	668	668
2-Feb-2021	The Vanguard Group, Inc.	BUY	85.62	Ordinary	79	79
2-Feb-2021	The Vanguard Group, Inc.	BUY	85.62	Ordinary	384	384
	The Vanguard Group, Inc.	BUY	87.21	Ordinary	5,110	5,110
	The Vanguard Group, Inc.	BUY	87.63	Ordinary	1,296	1,296
	The Vanguard Group, Inc.	SELL	87.21	Ordinary	(741)	(741
	The Vanguard Group, Inc.	BUY	87.59	Ordinary	523	523
	The Vanguard Group, Inc.	BUY	87.21	Ordinary	43	43
	The Vanguard Group, Inc.	BUY BUY	87.21	Ordinary	3,441 1,668	3,441
	The Vanguard Group, Inc.	BUY	87.00	Ordinary Ordinary	1,668	1,662
	The Vanguard Group, Inc.	BUY	88.19	Ordinary	2,144	2,144
	The Vanguard Group, Inc.	BUY	88.72	Ordinary	2,144	2,144
	The Vanguard Group, Inc.	BUY	88.72	Ordinary	1,296	1,296
	The Vanguard Group, Inc.	BUY	88.64	Ordinary	590	590
	The Vanguard Group, Inc.	SELL	88.20	Ordinary	(3,549)	(3,549
	The Vanguard Group, Inc.	BUY	88.83	Ordinary	11,116	11,116
	The Vanguard Group, Inc.	BUY	88.83	Ordinary	3,424	3,424
	The Vanguard Group, Inc.	BUY	88.82	Ordinary	2,068	2,068
	The Vanguard Group, Inc.	BUY	88.62	Ordinary	9,375	9,375
8-Feb-2021	The Vanguard Group, Inc.	BUY	88.83	Ordinary	225	225
9-Feb-2021	The Vanguard Group, Inc.	BUY	87.42	Ordinary	669	669
10-Feb-2021	The Vanguard Group, Inc.	BUY	85.79	Ordinary	2,362	2,362
10-Feb-2021	The Vanguard Group, Inc.	BUY	85.79	Ordinary	6,616	6,616
10-Feb-2021	The Vanguard Group, Inc.	BUY	85.79	Ordinary	23,156	23,156
10-Feb-2021	The Vanguard Group, Inc.	BUY	85.79	Ordinary	864	864
10-Feb-2021	The Vanguard Group, Inc.	BUY	86.12	Ordinary	1,180	1,180
10-Feb-2021	The Vanguard Group, Inc.	BUY	86.12	Ordinary	3,160	3,160
10-Feb-2021	The Vanguard Group, Inc.	BUY	86.12	Ordinary	749	749
10-Feb-2021	The Vanguard Group, Inc.	BUY	88.00	Ordinary	723	723
	The Vanguard Group, Inc.	BUY	85.79	Ordinary	5,799	5,799
	The Vanguard Group, Inc.	BUY	87.04	Ordinary	9,448	9,448
	The Vanguard Group, Inc.	BUY	87.04	Ordinary	6,616	6,616
	The Vanguard Group, Inc.	BUY	87.04	Ordinary	1,728	1,728
	The Vanguard Group, Inc.	BUY	87.04	Ordinary	4,136	4,136
	The Vanguard Group, Inc.	BUY	87.05	Ordinary	590	590
	The Vanguard Group, Inc.	BUY	87.05	Ordinary	25,412	25,412
	The Vanguard Group, Inc.	BUY	87.04	Ordinary	15,464	15,464
	The Vanguard Group, Inc.	BUY BUY	87.34	Ordinary	5,905	5,905
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	87.34	Ordinary Ordinary	4,962 1,296	4,962 1,296
	The Vanguard Group, Inc.	BUY	86.87	Ordinary	590	590
	The Vanguard Group, Inc.	BUY	87.00	Ordinary	196	196
	The Vanguard Group, Inc.	BUY	87.34	Ordinary	17,397	190
	The Vanguard Group, Inc.	BUY	87.10	Ordinary	4,957	4,957
	The Vanguard Group, Inc.	BUY	85.91	Ordinary	3,411	3,411
	The Vanguard Group, Inc.	BUY	85.91	Ordinary	560	560
	The Vanguard Group, Inc.	BUY	85.91	Ordinary	1,739	1,739
	The Vanguard Group, Inc.	SELL	85.91	Ordinary	(151)	(151
	The Vanguard Group, Inc.	BUY	85.40	Ordinary	8,427	8,427
	The Vanguard Group, Inc.	BUY	84.28	Ordinary	303	303
	The Vanguard Group, Inc.	BUY	84.28	Ordinary	434	434
18-Feb-2021	The Vanguard Group, Inc.	BUY	84.08	Ordinary	20,086	20,086
18-Feb-2021	The Vanguard Group, Inc.	BUY	83.62	Ordinary	590	590
18-Feb-2021	The Vanguard Group, Inc.	BUY	83.62	Ordinary	8,292	8,292
18-Feb-2021	The Vanguard Group, Inc.	BUY	84.08	Ordinary	44	44
19-Feb-2021	The Vanguard Group, Inc.	BUY	82.64	Ordinary	5,905	5,905
	The Vanguard Group, Inc.	BUY	82.51	Ordinary	1,180	1,180
19-Feb-2021	The Vanguard Group, Inc.	BUY	83.10	Ordinary	416	416
	The Vanguard Group, Inc.	SELL	83.10	Ordinary	(953)	(953
	The Vanguard Group, Inc.	SELL	83.10	Ordinary	(13,417)	(13,417
	The Vanguard Group, Inc.	SELL	81.88	Ordinary	(39,325)	(39,325
	The Vanguard Group, Inc.	SELL	81.90	Ordinary	(6,742)	(6,742
	The Vanguard Group, Inc.	BUY	81.90	Ordinary	1,049	1,049
	The Vanguard Group, Inc.	BUY	81.90	Ordinary	1,236	1,236
23-Feb-2021	The Vanguard Group, Inc.	BUY	83.12	Ordinary	3,102	3,102

			Consideration			
		Nature of	given in relation		Number of securities	
Date of change	Person whose relevant interest changed	0.17	to change(7)	Class	affected	affected
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	83.12 83.29	Ordinary Ordinary	2,068 (9,641)	2,068 (9,641)
	The Vanguard Group, Inc.	BUY	83.43	Ordinary	864	864
	The Vanguard Group, Inc.	BUY	83.27	Ordinary	3,403	3,403
	The Vanguard Group, Inc.	BUY	83.43	Ordinary	2,068	2,068
	The Vanguard Group, Inc.	BUY	82.78	Ordinary	590	590
24-Feb-2021	. The Vanguard Group, Inc.	BUY	82.78	Ordinary	916	916
	The Vanguard Group, Inc.	BUY	82.78	Ordinary	1,386	1,386
	The Vanguard Group, Inc.	BUY	82.51	Ordinary	12,408	12,408
	. The Vanguard Group, Inc.	BUY	83.70	Ordinary	590	590
	The Vanguard Group, Inc.	BUY	83.70	Ordinary	659	659
	The Vanguard Group, Inc.	BUY	83.70	Ordinary	620	620
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	81.59 81.56	Ordinary Ordinary	194 590	194 590
	The Vanguard Group, Inc.	SELL	81.56	Ordinary	(38,750)	(38,750)
	The Vanguard Group, Inc.	BUY	81.56	Ordinary	2,063	2,063
	The Vanguard Group, Inc.	BUY	84.77	Ordinary	5,004	5,004
	The Vanguard Group, Inc.	BUY	84.77	Ordinary	864	864
	The Vanguard Group, Inc.	BUY	84.77	Ordinary	2,068	2,068
	The Vanguard Group, Inc.	BUY	84.11	Ordinary	2,950	2,950
1-Mar-2021	The Vanguard Group, Inc.	BUY	84.11	Ordinary	916	916
1-Mar-2021	. The Vanguard Group, Inc.	BUY	84.11	Ordinary	685	685
1-Mar-2021	The Vanguard Group, Inc.	BUY	81.90	Ordinary	406	406
2-Mar-2021	The Vanguard Group, Inc.	BUY	84.77	Ordinary	1,296	1,296
	The Vanguard Group, Inc.	BUY	84.49	Ordinary	590	590
	. The Vanguard Group, Inc.	BUY	84.49	Ordinary	533	533
	The Vanguard Group, Inc.	BUY	84.49	Ordinary	708	708
	The Vanguard Group, Inc.	BUY	84.61	Ordinary	845	845
	The Vanguard Group, Inc.	SELL	84.25	Ordinary	(604)	(604)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	85.40	Ordinary Ordinary	3,478 7,278	3,478 7,278
	The Vanguard Group, Inc.	BUY	85.40	Ordinary	856	856
	The Vanguard Group, Inc.	BUY	84.25	Ordinary	818	818
	The Vanguard Group, Inc.	BUY	84.25	Ordinary	427	427
	The Vanguard Group, Inc.	BUY	86.02	Ordinary	2,068	2,068
4-Mar-2021	The Vanguard Group, Inc.	BUY	86.38	Ordinary	552	552
4-Mar-2021	. The Vanguard Group, Inc.	BUY	85.71	Ordinary	9,714	9,714
4-Mar-2021	The Vanguard Group, Inc.	BUY	85.71	Ordinary	7,146	7,146
5-Mar-2021	The Vanguard Group, Inc.	BUY	86.37	Ordinary	8,147	8,147
	. The Vanguard Group, Inc.	BUY	87.39	Ordinary	1,296	1,296
	The Vanguard Group, Inc.	BUY	86.45	Ordinary	590	590
	The Vanguard Group, Inc.	BUY	86.37	Ordinary	1,599	1,599
	The Vanguard Group, Inc.	BUY	87.70	Ordinary	2,068	2,068
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	87.32 87.33	Ordinary Ordinary	875 (81,463)	875 (81,463)
	The Vanguard Group, Inc.	BUY	88.31	Ordinary	4,724	4,724
	The Vanguard Group, Inc.	BUY	88.31	Ordinary	2,502	2,502
	The Vanguard Group, Inc.	BUY	88.31	Ordinary	16,540	16,540
	The Vanguard Group, Inc.	SELL	88.52	Ordinary	(24,684)	(24,684)
	The Vanguard Group, Inc.	BUY	88.31	Ordinary	864	864
9-Mar-2021	The Vanguard Group, Inc.	BUY	87.89	Ordinary	1,834	1,834
9-Mar-2021	The Vanguard Group, Inc.	BUY	88.45	Ordinary	8,144	8,144
	The Vanguard Group, Inc.	BUY	87.89	Ordinary	1,040	1,040
	The Vanguard Group, Inc.	BUY	87.17	Ordinary	2,085	2,085
	The Vanguard Group, Inc.	BUY	86.72	Ordinary	1,770	1,770
	The Vanguard Group, Inc.	BUY	87.99	Ordinary	8,730	8,730
	The Vanguard Group, Inc.	BUY	86.98	Ordinary	8,253	8,253
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	86.98 86.45	Ordinary	5,421 550	5,421
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	86.45	Ordinary Ordinary	17,907	550 17,907
	The Vanguard Group, Inc.	BUY	86.49	Ordinary	892	892
12 IVIUI 2021	···· · ·······························	BUY	86.51	Ordinary	3,932	3,932
15-Mar-2021	The Vanguard Group. Inc.		00.01		5,552	
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	86.87	Ordinary	864	864
15-Mar-2021	The Vanguard Group, Inc. The Vanguard Group, Inc. The Vanguard Group, Inc.		86.87 86.40	Ordinary Ordinary	864 1,396	
15-Mar-2021 15-Mar-2021	The Vanguard Group, Inc.	BUY		,		864 1,396 20,179
15-Mar-2021 15-Mar-2021 16-Mar-2021	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	86.40	Ordinary	1,396	1,396
15-Mar-2021 15-Mar-2021 16-Mar-2021 16-Mar-2021	The Vanguard Group, Inc. The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY BUY	86.40 86.75	Ordinary Ordinary	1,396 20,179	1,396 20,179

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
-	The Vanguard Group, Inc.	BUY	87.09	Ordinary	2,919	2,919
	The Vanguard Group, Inc.	SELL	87.11	Ordinary	(3,381)	(3,381)
	The Vanguard Group, Inc.	SELL	87.11	Ordinary	(19,489)	(19,489)
17-Mar-2021	The Vanguard Group, Inc.	SELL	87.11	Ordinary	(175)	(175)
18-Mar-2021	The Vanguard Group, Inc.	SELL	85.75	Ordinary	(2,349)	(2,349)
	The Vanguard Group, Inc.	BUY	85.75	Ordinary	1,026	1,026
	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(25,576)	(25,576)
	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(2,426)	(2,426)
	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(150,121)	(150,121)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL SELL	84.78 84.78	Ordinary Ordinary	(68,636) (22,534)	(68,636) (22,534)
	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(4,222)	(4,222)
	The Vanguard Group, Inc.	BUY	84.71	Ordinary	1,730	1,730
	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(6,023)	(6,023)
	The Vanguard Group, Inc.	SELL	85.50	Ordinary	(4,822)	(4,822)
19-Mar-2021	The Vanguard Group, Inc.	BUY	84.71	Ordinary	4,187	4,187
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(874)	(874)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(582)	(582)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(882)	(882)
	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(14)	(14)
	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(1,329)	(1,329)
	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(7,299)	(7,299)
	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(1,239)	(1,239)
	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(488)	(488)
	The Vanguard Group, Inc.	SELL BUY	84.78	Ordinary	(50,125)	(50,125)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	84.81	Ordinary Ordinary	2,358 1,728	2,358 1,728
	The Vanguard Group, Inc.	BUY	85.08	Ordinary	569	569
	The Vanguard Group, Inc.	BUY	85.08	Ordinary	756	756
	The Vanguard Group, Inc.	BUY	84.42	Ordinary	14,739	14,739
	The Vanguard Group, Inc.	BUY	84.77	Ordinary	864	864
	The Vanguard Group, Inc.	BUY	84.77	Ordinary	891	891
23-Mar-2021	The Vanguard Group, Inc.	BUY	84.42	Ordinary	630	630
24-Mar-2021	The Vanguard Group, Inc.	BUY	86.37	Ordinary	866	866
25-Mar-2021	The Vanguard Group, Inc.	BUY	86.19	Ordinary	18,357	18,357
	The Vanguard Group, Inc.	BUY	86.54	Ordinary	2,149	2,149
	The Vanguard Group, Inc.	BUY	86.00	Ordinary	575	575
	The Vanguard Group, Inc.	BUY	86.00	Ordinary	644	644
	The Vanguard Group, Inc.	BUY BUY	86.82	Ordinary Ordinary	142 3,384	142 3,384
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	85.57	Ordinary	15,449	15,449
	The Vanguard Group, Inc.	BUY	85.57	Ordinary	3,799	3,799
	The Vanguard Group, Inc.	BUY	85.57	Ordinary	81	81
	The Vanguard Group, Inc.	BUY	86.17	Ordinary	134	134
	The Vanguard Group, Inc.	BUY	85.72	Ordinary	17,553	17,553
30-Mar-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	2,482	2,482
30-Mar-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	869	869
	The Vanguard Group, Inc.	BUY	85.40	Ordinary	879	879
	The Vanguard Group, Inc.	BUY	85.40	Ordinary	79	79
	The Vanguard Group, Inc.	BUY	85.72	Ordinary	576	576
	The Vanguard Group, Inc.	BUY	86.39	Ordinary	1,296	1,296
	The Vanguard Group, Inc.	BUY	86.10	Ordinary	663	663
	The Vanguard Group, Inc.	SELL	86.10	Ordinary	(55,011)	(55,011)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	86.10	Ordinary	17,437	17,437
	The Vanguard Group, Inc.	BUY	85.90	Ordinary Ordinary	18,790 25,131	18,790 25,131
	The Vanguard Group, Inc.	BUY	86.21	Ordinary	708	708
	The Vanguard Group, Inc.	SELL	85.96	Ordinary	(782)	(782)
	The Vanguard Group, Inc.	BUY	85.90	Ordinary	128	128
	The Vanguard Group, Inc.	BUY	85.90	Ordinary	1,078	1,078
	The Vanguard Group, Inc.	BUY	85.90	Ordinary	50,977	50,977
	The Vanguard Group, Inc.	BUY	87.16	Ordinary	2,958	2,958
6-Apr-2021	The Vanguard Group, Inc.	BUY	86.14	Ordinary	11,790	11,790
6-Apr-2021	The Vanguard Group, Inc.	BUY	86.95	Ordinary	299	299
	The Vanguard Group, Inc.	BUY	86.03	Ordinary	745	745
	The Vanguard Group, Inc.	BUY	86.95	Ordinary	6,532	6,532
	The Vanguard Group, Inc.	BUY	86.14	Ordinary	13,153	13,153
7-Apr-2021	The Vanguard Group, Inc.	BUY	86.92	Ordinary	864	864

C	

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
3	The Vanguard Group, Inc.	BUY	86.92	Ordinary	864	864
	The Vanguard Group, Inc.	BUY	86.14	Ordinary	14,013	14,01
	The Vanguard Group, Inc.	BUY	86.53	Ordinary	540	54
	The Vanguard Group, Inc.	BUY	86.53	Ordinary	575	57
7-Apr-2021	The Vanguard Group, Inc.	BUY	86.53	Ordinary	870	87
7-Apr-2021	The Vanguard Group, Inc.	BUY	86.53	Ordinary	74	7-
7-Apr-2021	The Vanguard Group, Inc.	BUY	86.14	Ordinary	165	16
8-Apr-2021	The Vanguard Group, Inc.	BUY	87.03	Ordinary	1,296	1,29
8-Apr-2021	The Vanguard Group, Inc.	BUY	87.12	Ordinary	80	8
8-Apr-2021	The Vanguard Group, Inc.	BUY	87.12	Ordinary	760	76
8-Apr-2021	The Vanguard Group, Inc.	SELL	87.12	Ordinary	(72)	(7
8-Apr-2021	The Vanguard Group, Inc.	BUY	86.90	Ordinary	556	55
8-Apr-2021	The Vanguard Group, Inc.	BUY	86.90	Ordinary	7,946	7,94
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.14	Ordinary	4,332	4,33
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.13	Ordinary	34,180	34,18
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.13	Ordinary	5,703	5,70
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.13	Ordinary	9,978	9,97
	The Vanguard Group, Inc.	BUY	87.13	Ordinary	809	80
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.13	Ordinary	78	7
	The Vanguard Group, Inc.	BUY	87.13	Ordinary	339	33
	The Vanguard Group, Inc.	BUY	87.20	Ordinary	185	18
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.14	Ordinary	15,032	15,03
12-Apr-2021	The Vanguard Group, Inc.	BUY	86.72	Ordinary	2,378	2,37
	The Vanguard Group, Inc.	BUY	86.72	Ordinary	547	54
	The Vanguard Group, Inc.	SELL	86.72	Ordinary	(30)	(3
	The Vanguard Group, Inc.	BUY	86.65	Ordinary	7,287	7,28
	The Vanguard Group, Inc.	BUY	87.49	Ordinary	11,274	11,27
	The Vanguard Group, Inc.	BUY	87.49	Ordinary	1,728	1,72
	The Vanguard Group, Inc.	BUY	87.19	Ordinary	575	57
	The Vanguard Group, Inc.	BUY	87.19	Ordinary	7,574	7,57
	The Vanguard Group, Inc.	BUY	87.19	Ordinary	871	87
	The Vanguard Group, Inc.	BUY	87.19	Ordinary	1,686	1,68
	The Vanguard Group, Inc.	BUY	87.19	Ordinary	610	61
	The Vanguard Group, Inc.	SELL	87.19	Ordinary	(308)	(30
	The Vanguard Group, Inc.	BUY	87.37	Ordinary	8,253	8,25
	The Vanguard Group, Inc.	BUY	87.28	Ordinary	10,374	10,37
	The Vanguard Group, Inc.	BUY	87.37	Ordinary	11,274	11,27
	The Vanguard Group, Inc.	BUY	87.28	Ordinary	9,658	9,65
	The Vanguard Group, Inc.	BUY	87.37	Ordinary	1,972	1,97
	The Vanguard Group, Inc.	BUY BUY	87.28	Ordinary Ordinary	1,056 846	1,05
	The Vanguard Group, Inc.	BUY	88.10	,		
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	88.10	Ordinary Ordinary	6,600 53.915	6,60 53,91
	The Vanguard Group, Inc.	BUY		,	/	2,96
	The Vanguard Group, Inc.	BUY	88.10	Ordinary Ordinary	2,961 12,101	12,10
	The Vanguard Group, Inc.	BUY	87.91	Ordinary	12,101	12,10
	The Vanguard Group, Inc.	BUY	87.91	Ordinary	169	12
	The Vanguard Group, Inc.	BUY	87.98	Ordinary	3,662	3,66
	The Vanguard Group, Inc.	BUY	87.98	Ordinary	2,834	2,83
	The Vanguard Group, Inc.	BUY	87.98	,	3,704	3,70
	The Vanguard Group, Inc.	BUY	87.94	Ordinary Ordinary	103,905	103,90
	The Vanguard Group, Inc.	BUY	87.94	Ordinary	2,086	2,08
	The Vanguard Group, Inc.	BUY	87.94	Ordinary	1,831	1,83
	The Vanguard Group, Inc.	BUY	87.94	Ordinary	629	1,83
	The Vanguard Group, Inc.	BUY	87.94	Ordinary	50,620	50,62
	The Vanguard Group, Inc.	BUY	87.94	Ordinary	268	26
	The Vanguard Group, Inc.	BUY	87.94	Ordinary	3,384	3,38
	The Vanguard Group, Inc.	BUY	88.61	Ordinary	6,474	6,47
-	The Vanguard Group, Inc.	BUY	88.51	Ordinary	18,790	18,79
	The Vanguard Group, Inc.	BUY	88.61	Ordinary	28,624	28,62
	The Vanguard Group, Inc.	BUY	88.58	Ordinary	864	28,62
	The Vanguard Group, Inc.	BUY		-		57
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	88.84	Ordinary Ordinary	575 504	50
	The Vanguard Group, Inc.	BUY	88.61	Ordinary	173	17
	The Vanguard Group, Inc.	BUY				
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	88.61	Ordinary Ordinary	13,945 76	13,94
	The Vanguard Group, Inc.	BUY	88.61	Ordinary	78	7
13-Ahi-2021	rne vanguaru Group, me.	וטע	00.01	Grundry	/4	/

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
19-Apr-2021	The Vanguard Group, Inc.	SELL	88.84	Ordinary	(1,455)	(1,455
20-Apr-2021	The Vanguard Group, Inc.	BUY	88.43	Ordinary	13,379	13,379
	The Vanguard Group, Inc.	BUY	88.43	Ordinary	4,936	4,936
	. The Vanguard Group, Inc.	BUY	86.77	Ordinary	1,978	1,978
	The Vanguard Group, Inc.	BUY	87.74	Ordinary	3,484	3,484
	The Vanguard Group, Inc.	BUY	87.74	Ordinary	633	633
	. The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	87.05	Ordinary Ordinary	(253) 15,340	(253) 15,340
	The Vanguard Group, Inc.	BUY	88.73	Ordinary	13,340	15,340
	The Vanguard Group, Inc.	BUY	88.17	Ordinary	539	539
	The Vanguard Group, Inc.	BUY	88.17	Ordinary	17,480	17,480
	The Vanguard Group, Inc.	BUY	88.17	Ordinary	2,363	2,363
	The Vanguard Group, Inc.	BUY	87.05	Ordinary	155	155
	The Vanguard Group, Inc.	BUY	88.85	Ordinary	1,692	1,692
22-Apr-2021	The Vanguard Group, Inc.	BUY	88.85	Ordinary	864	864
22-Apr-2021	. The Vanguard Group, Inc.	BUY	89.14	Ordinary	2,098	2,098
22-Apr-2021	The Vanguard Group, Inc.	BUY	89.14	Ordinary	182	182
22-Apr-2021	The Vanguard Group, Inc.	BUY	88.57	Ordinary	12,263	12,263
,	The Vanguard Group, Inc.	BUY	88.57	Ordinary	456	456
	The Vanguard Group, Inc.	BUY	89.39	Ordinary	29,777	29,777
	The Vanguard Group, Inc.	BUY	89.58	Ordinary	1,980	1,980
	The Vanguard Group, Inc.	BUY	89.39	Ordinary	10,206	10,206
	The Vanguard Group, Inc.	BUY BUY	89.39	Ordinary	712	712
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	89.14 89.75	Ordinary Ordinary	6,600 (8,148)	6,600 (8,148
	The Vanguard Group, Inc.	BUY	89.73	Ordinary	24,796	24,796
	The Vanguard Group, Inc.	BUY	89.05	Ordinary	78	78
	The Vanguard Group, Inc.	BUY	89.05	Ordinary	406	406
	The Vanguard Group, Inc.	BUY	89.59	Ordinary	4,332	4,332
	The Vanguard Group, Inc.	BUY	88.73	Ordinary	17,352	17,352
27-Apr-2021	The Vanguard Group, Inc.	BUY	89.33	Ordinary	776	776
27-Apr-2021	The Vanguard Group, Inc.	SELL	89.33	Ordinary	(2,324)	(2,324
27-Apr-2021	The Vanguard Group, Inc.	BUY	88.73	Ordinary	150	150
28-Apr-2021	The Vanguard Group, Inc.	BUY	90.45	Ordinary	4,716	4,716
	The Vanguard Group, Inc.	BUY	89.51	Ordinary	4,645	4,645
	. The Vanguard Group, Inc.	BUY	90.45	Ordinary	3,610	3,610
	The Vanguard Group, Inc.	BUY	90.21	Ordinary	659	659
	The Vanguard Group, Inc.	SELL	90.21	Ordinary	(331)	(331
	The Vanguard Group, Inc.	BUY BUY	89.91	Ordinary	5,415	5,415
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	90.42	Ordinary Ordinary	21,879 2,229	21,879 2,229
	The Vanguard Group, Inc.	BUY	90.00	Ordinary	629	629
	The Vanguard Group, Inc.	SELL	90.60	Ordinary	(558)	
	The Vanguard Group, Inc.	SELL	90.60	Ordinary	(1,682)	
	The Vanguard Group, Inc.	BUY	89.78	Ordinary	1,427	1,427
	The Vanguard Group, Inc.	BUY	89.04	, Ordinary	7,699	7,699
30-Apr-2021	The Vanguard Group, Inc.	BUY	89.04	Ordinary	1,119	1,119
30-Apr-2021	The Vanguard Group, Inc.	BUY	89.04	Ordinary	2,049	2,049
	The Vanguard Group, Inc.	BUY	89.78	Ordinary	85	85
	The Vanguard Group, Inc.	BUY	89.78	Ordinary	1,097	1,097
	The Vanguard Group, Inc.	BUY	89.70	Ordinary	4,112	4,112
	The Vanguard Group, Inc.	BUY	89.70	Ordinary	83	83
	The Vanguard Group, Inc.	BUY	89.94	Ordinary	3,089	3,089
	The Vanguard Group, Inc.	BUY	90.29	Ordinary	4,332	4,332
	The Vanguard Group, Inc.	BUY	90.29	Ordinary	6,137	6,137
	The Vanguard Group, Inc.	BUY	89.94	Ordinary	4,362	4,362
,	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	92.51	Ordinary Ordinary	7,735	7,735 36,699
	The Vanguard Group, Inc.	BUY	92.51	Ordinary	36,699 2,131	2,131
	The Vanguard Group, Inc.	BUY	92.63	Ordinary	18,640	18,640
	The Vanguard Group, Inc.	BUY	93.23	Ordinary	1,296	1,296
	The Vanguard Group, Inc.	BUY	93.23	Ordinary	864	864
	The Vanguard Group, Inc.	SELL	93.00	Ordinary	(149)	(149
	The Vanguard Group, Inc.	BUY	92.63	Ordinary	14,352	14,352
	The Vanguard Group, Inc.	BUY	92.63	Ordinary	1,170	1,170
	The Vanguard Group, Inc.	BUY	93.23	Ordinary	2,979	2,979
	The Vanguard Group, Inc.	BUY	92.63	Ordinary	10,897	10,897
	The Vanguard Group, Inc.	BUY	92.94	Ordinary	545	545

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities	Person's votes affected
	The Vanguard Group, Inc.	BUY	92.94	Ordinary	1,150	1,150
	The Vanguard Group, Inc.	BUY	92.94	<i>i</i>	318	318
	The Vanguard Group, Inc.	BUY	92.63	Ordinary	453	453
,	The Vanguard Group, Inc.	BUY	94.07	Ordinary	3,537	3,537
	The Vanguard Group, Inc.	BUY	94.07	Ordinary	15,327	15,327
7-May-2021	The Vanguard Group, Inc.	BUY	92.97	Ordinary	10,917	10,917
7-May-2021	The Vanguard Group, Inc.	BUY	94.07	Ordinary	6,600	6,600
7-May-2021	The Vanguard Group, Inc.	BUY	94.07	Ordinary	12,635	12,635
7-May-2021	The Vanguard Group, Inc.	BUY	94.07	Ordinary	864	864
7-May-2021	The Vanguard Group, Inc.	BUY	92.97	Ordinary	2,008	2,008
7-May-2021	The Vanguard Group, Inc.	BUY	94.07	Ordinary	1,986	1,986
7-May-2021	The Vanguard Group, Inc.	BUY	93.92	Ordinary	89	89
7-May-2021	The Vanguard Group, Inc.	SELL	93.92	Ordinary	(2,972)	(2,972)
7-May-2021	The Vanguard Group, Inc.	BUY	92.97	Ordinary	124	124
10-May-2021	The Vanguard Group, Inc.	BUY	94.38	Ordinary	13,237	13,237
10-May-2021	The Vanguard Group, Inc.	BUY	95.15	Ordinary	19	19
10-May-2021	The Vanguard Group, Inc.	BUY	95.15	Ordinary	1,163	1,163
11-May-2021	The Vanguard Group, Inc.	BUY	95.13	Ordinary	18,882	18,882
11-May-2021	The Vanguard Group, Inc.	BUY	93.97	Ordinary	1,986	1,986
11-May-2021	The Vanguard Group, Inc.	BUY	95.13	Ordinary	5,630	5,630
11-May-2021	The Vanguard Group, Inc.	BUY	94.58	Ordinary	674	674
12-May-2021	The Vanguard Group, Inc.	BUY	95.26	Ordinary	1,696	1,696
12-May-2021	The Vanguard Group, Inc.	BUY	95.57	Ordinary	4,573	4,573
12-May-2021	The Vanguard Group, Inc.	BUY	95.57	Ordinary	525	525
12-May-2021	The Vanguard Group, Inc.	BUY	94.00	Ordinary	150	150
13-May-2021	The Vanguard Group, Inc.	SELL	96.74	Ordinary	(18,150)	(18,150)
13-May-2021	The Vanguard Group, Inc.	BUY	95.98	Ordinary	706	706
14-May-2021	The Vanguard Group, Inc.	BUY	97.15	Ordinary	3,456	3,456
14-May-2021	The Vanguard Group, Inc.	BUY	96.58	Ordinary	8,190	8,190
14-May-2021	The Vanguard Group, Inc.	BUY	96.58	Ordinary	26,837	26,837
14-May-2021	The Vanguard Group, Inc.	BUY	96.58	Ordinary	636	636
14-May-2021	The Vanguard Group, Inc.	BUY	97.25	Ordinary	212	212
17-May-2021	The Vanguard Group, Inc.	BUY	98.03	Ordinary	4,716	4,716
17-May-2021	The Vanguard Group, Inc.	BUY	96.99	Ordinary	7,060	7,060
17-May-2021	The Vanguard Group, Inc.	BUY	97.79	Ordinary	558	558
17-May-2021	The Vanguard Group, Inc.	BUY	97.79	Ordinary	1,304	1,304
17-May-2021	The Vanguard Group, Inc.	SELL	96.99	Ordinary	(10,379)	(10,379)
17-May-2021	The Vanguard Group, Inc.	BUY	97.79	Ordinary	187	187
17-May-2021	The Vanguard Group, Inc.	BUY	97.79	Ordinary	596	596
18-May-2021	The Vanguard Group, Inc.	BUY	96.65	Ordinary	3,537	3,537
18-May-2021	The Vanguard Group, Inc.	BUY	96.65	Ordinary	1,380	1,380
18-May-2021	The Vanguard Group, Inc.	BUY	96.65	Ordinary	864	864
18-May-2021	The Vanguard Group, Inc.	BUY	96.65	Ordinary	2,988	2,988
18-May-2021	The Vanguard Group, Inc.	BUY	98.37	Ordinary	13,953	13,953
18-May-2021	The Vanguard Group, Inc.	BUY	97.76	Ordinary	595	595
	The Vanguard Group, Inc.	BUY	97.76	Ordinary	14,036	14,036
	The Vanguard Group, Inc.	BUY	97.76	,	1,688	1,688
	The Vanguard Group, Inc.	BUY	97.76	<i>i</i>	71	71
,	The Vanguard Group, Inc.	BUY	98.37	Ordinary	756	756
	The Vanguard Group, Inc.	BUY	96.69		5,914	5,914
	The Vanguard Group, Inc.	BUY	95.50	,	30,528	30,528
	The Vanguard Group, Inc.	BUY	95.50	Ordinary	11,448	11,448
,	The Vanguard Group, Inc.	BUY	96.69	Ordinary	998	998
	The Vanguard Group, Inc.	BUY	95.32	Ordinary	810	810
,	The Vanguard Group, Inc.	BUY	98.85	Ordinary	5,054	5,054
	The Vanguard Group, Inc.	BUY	98.85		1,994	1,994
,	The Vanguard Group, Inc.	BUY	98.40	Ordinary	1,725	1,725
	The Vanguard Group, Inc.	BUY	98.40	,	874	874
	The Vanguard Group, Inc.	BUY	97.99		1,167	1,167
,	The Vanguard Group, Inc.	BUY	98.05	Ordinary	746	746
	The Vanguard Group, Inc.	BUY	98.96		6,342	6,342
,	The Vanguard Group, Inc.	SELL	98.00	Ordinary	(261)	(261)
	The Vanguard Group, Inc.	BUY	98.76		547	547
,	The Vanguard Group, Inc.	BUY	98.76	<i>i</i>	1,165	1,165
,	The Vanguard Group, Inc.	BUY	99.15	,	5,273	5,273
	The Vanguard Group, Inc.	BUY	99.15	<i>i</i>	16,187	16,187
,	The Vanguard Group, Inc.	BUY	99.63	Ordinary	465	465
20 14-1 2024	The Vanguard Group, Inc.	BUY	99.68	Ordinary	4,716	4,716

Date of change	Pers
26-May-2021	
27-May-2021	
27-May-2021	-
27-May-2021	
28-May-2021	-
28-May-2021	
1-Jun-2021	. The \
1-Jun-2021	. The \
1-Jun-2021	. The
1-Jun-2021	The V
2-Jun-2021	The V
2-Jun-2021	The \
2-Jun-2021	The \
2-Jun-2021	The V
2-Jun-2021	-
2-Jun-2021	-
2-Jun-2021	
2-Jun-2021	-
2-Jun-2021	-
3-Jun-2021	-
3-Jun-2021	-
3-Jun-2021 3-Jun-2021	-
8-Jun-2021	-
9-Jun-2021	-
10-Jun-2021	
10-Jun-2021	-
11-Jun-2021	. The \
15-Jun-2021	The V
15-Jun-2021	The \
15-Jun-2021	. The
15-Jun-2021	
16-Jun-2021	
16-Jun-2021	-
17-Jun-2021	
17-Jun-2021 18-Jun-2021	
18-Jun-2021	
10 Jun 2021	-
18-Jun-2021	
18-Jun-2021	-
18-Jun-2021	The \
18-Jun-2021	
18-Jun-2021	The V
18-Jun-2021	
21-Jun-2021	
22-Jun-2021	
22-Jun-2021	-
22-Jun-2021	-
22-Jun-2021 22-Jun-2021	-
22-Jun-2021 22-Jun-2021	
22-Jun-2021	-
23-Jun-2021 23-Jun-2021	
23-Jun-2021	
23-Jun-2021	-
24-Jun-2021	-
24-Jun-2021	-
25-Jun-2021	-
25-Jun-2021	. The
25-Jun-2021	. The \
25-Jun-2021	The V

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
	The Vanguard Group, Inc.	BUY	99.25	Ordinary	85	85
,	The Vanguard Group, Inc.	BUY	98.97	Ordinary	1,557	1,557
27-May-2021	The Vanguard Group, Inc.	SELL	98.97	Ordinary	(21,901)	(21,901
27-May-2021	The Vanguard Group, Inc.	BUY	98.97	Ordinary	2,030	2,030
28-May-2021	The Vanguard Group, Inc.	BUY	100.56	Ordinary	174	174
28-May-2021	The Vanguard Group, Inc.	BUY	99.09	Ordinary	435	435
1-Jun-2021	The Vanguard Group, Inc.	BUY	99.58	Ordinary	864	864
1-Jun-2021	The Vanguard Group, Inc.	BUY	99.58	Ordinary	1,996	1,996
1-Jun-2021	The Vanguard Group, Inc.	BUY	99.46	Ordinary	3,347	3,347
1-Jun-2021	The Vanguard Group, Inc.	BUY	99.46	Ordinary	872	872
2-Jun-2021	The Vanguard Group, Inc.	SELL	100.21	Ordinary	(5,860)	(5,860
2-Jun-2021	The Vanguard Group, Inc.	BUY	100.33	Ordinary	1,072	1,072
	The Vanguard Group, Inc.	BUY	100.00	Ordinary	6,879	6,879
	The Vanguard Group, Inc.	BUY	100.33	Ordinary	34,222	34,222
	The Vanguard Group, Inc.	BUY	100.00	Ordinary	1,436	1,436
	The Vanguard Group, Inc.	BUY	100.00	Ordinary	517	517
	The Vanguard Group, Inc.	BUY	100.33	Ordinary	2,115	2,115
	The Vanguard Group, Inc.	BUY	100.33	Ordinary	448	448
	The Vanguard Group, Inc.	BUY	100.00	Ordinary	8,640	8,640
	The Vanguard Group, Inc.	BUY	101.47	Ordinary	13,356	13,356
	The Vanguard Group, Inc.	BUY	101.47	Ordinary	864	864
	The Vanguard Group, Inc.	BUY	101.21	Ordinary	608	608
	The Vanguard Group, Inc.	BUY	100.50	Ordinary	290	290
	The Vanguard Group, Inc.	BUY	101.48	Ordinary	2,140	2,140
	The Vanguard Group, Inc.	BUY	101.48	Ordinary	872	872
	The Vanguard Group, Inc.	BUY	101.85	Ordinary	966	966
	The Vanguard Group, Inc.	BUY	101.48	Ordinary	730	730
9-Jun-2021	The Vanguard Group, Inc.	BUY	101.03	Ordinary	2,000	2,000
	The Vanguard Group, Inc.	SELL	100.99	Ordinary	(6,385)	(6,385
	The Vanguard Group, Inc.	BUY	101.85	Ordinary	1,620	1,620
	The Vanguard Group, Inc.	BUY	101.00	Ordinary	1,192	1,192
	The Vanguard Group, Inc.	BUY	103.56	Ordinary	1,728	1,728
	The Vanguard Group, Inc.	BUY	103.45	Ordinary	844	844
	The Vanguard Group, Inc.	BUY	103.45	Ordinary	741	741
	The Vanguard Group, Inc.	BUY	101.51	Ordinary	150	150
	The Vanguard Group, Inc.	BUY	105.35	Ordinary	7,632	7,632
	The Vanguard Group, Inc.	BUY	105.35	Ordinary	2,000	2,000
	The Vanguard Group, Inc.	BUY	106.03	Ordinary	896	896
	The Vanguard Group, Inc.	BUY	106.03	Ordinary	19,080	19,080
	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(12,722)	(12,722
	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(16,793)	(16,793
	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(15,000)	(15,000
	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(216,946)	(216,946
	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(24,721)	(24,721
	The Vanguard Group, Inc.	BUY	103.69	Ordinary	293	293
	The Vanguard Group, Inc.	BUY	103.69	Ordinary	156	156
	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(612)	(612
	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(424)	(424
	The Vanguard Group, Inc.	BUY	101.72	Ordinary	1,254	1,254
	The Vanguard Group, Inc.	BUY	100.26	Ordinary	1,311	1,311
	The Vanguard Group, Inc.	BUY	100.26	Ordinary	3,496	3,496
	The Vanguard Group, Inc.	BUY	100.26	Ordinary	11,400	11,400
	The Vanguard Group, Inc.	BUY	100.23	Ordinary	2,678	2,678
	The Vanguard Group, Inc.	BUY	100.23	Ordinary	864	864
	The Vanguard Group, Inc.	BUY	100.23	Ordinary	809	809
	The Vanguard Group, Inc.	BUY	98.94	Ordinary	1,311	1,311
	The Vanguard Group, Inc.	BUY	98.94	Ordinary	864	864
	The Vanguard Group, Inc.	BUY	99.20	Ordinary	672	672
	The Vanguard Group, Inc.	BUY	99.87	Ordinary	2,007	2,007
	The Vanguard Group, Inc.	BUY	99.39	Ordinary	15,200	15,200
	The Vanguard Group, Inc.	BUY	98.65	Ordinary	779	779
	The Vanguard Group, Inc.	BUY	99.63	Ordinary	8,693	8,693
	The Vanguard Group, Inc.	BUY	99.63	Ordinary	33,854	33,854
	The Vanguard Group, Inc.	SELL	99.61	Ordinary	(42,462)	(42,462
	The Vanguard Group, Inc.	BUY	99.26	Ordinary	132	132
	The Vanguard Group, Inc.	BUY	99.30	Ordinary	9,683	9,683
	The Vanguard Group, Inc.	BUY	99.95	Ordinary	7,594	7,594
29-Jun-2021	The Vanguard Group, Inc.	BUY	99.95	Ordinary	63,238	63,238

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
ž	The Vanguard Group, Inc.	BUY	100.82	Ordinary	1,296	1,2
	The Vanguard Group, Inc.	SELL	99.11	Ordinary	(1,594)	(1,5
	The Vanguard Group, Inc.	BUY	99.95	Ordinary	1,223	1,2
	The Vanguard Group, Inc.	BUY	100.48	Ordinary	620	6
29-Jun-2021	The Vanguard Group, Inc.	BUY	100.48	Ordinary	1,950	1,9
30-Jun-2021	The Vanguard Group, Inc.	BUY	99.85	Ordinary	9,500	9,5
30-Jun-2021	The Vanguard Group, Inc.	BUY	99.85	Ordinary	4,693	4,6
	The Vanguard Group, Inc.	BUY	100.85	Ordinary	12,548	12,5
	The Vanguard Group, Inc.	BUY	99.15	Ordinary	17,100	17,
	The Vanguard Group, Inc.	BUY	99.14	Ordinary	24,165	24,
	The Vanguard Group, Inc.	BUY	99.15	Ordinary	864	
	The Vanguard Group, Inc.	BUY	99.14	Ordinary	22,528	22,
	The Vanguard Group, Inc.	SELL	99.85	Ordinary	(1,513)	(1,
	The Vanguard Group, Inc.	BUY	99.14	Ordinary	1,469	1,
	The Vanguard Group, Inc.	SELL	99.85	Ordinary	(1,975)	(1,
	The Vanguard Group, Inc.	BUY	99.14	Ordinary	890	2
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	99.54	Ordinary	3,610 1,296	3,
	The Vanguard Group, Inc.	BUY	99.34	Ordinary Ordinary	1,298	1,
	The Vanguard Group, Inc.	BUY	99.28	Ordinary	12,480	12,
	The Vanguard Group, Inc.	BUY	99.49	Ordinary	1,184	1,
	The Vanguard Group, Inc.	BUY	99.49	Ordinary	868	1,
	The Vanguard Group, Inc.	BUY	99.49	Ordinary	24,972	24,
	The Vanguard Group, Inc.	BUY	99.49	Ordinary	1,749	1,
	The Vanguard Group, Inc.	BUY	99.49	Ordinary	70	±,
	The Vanguard Group, Inc.	BUY	99.18	Ordinary	3,338	3,
	The Vanguard Group, Inc.	BUY	99.18	Ordinary	50,928	50,
6-Jul-2021	The Vanguard Group, Inc.	BUY	98.67	Ordinary	11,400	11,
6-Jul-2021	The Vanguard Group, Inc.	BUY	98.62	Ordinary	8,690	8,
6-Jul-2021	The Vanguard Group, Inc.	SELL	98.71	Ordinary	(104,925)	(104,
6-Jul-2021	The Vanguard Group, Inc.	BUY	98.62	Ordinary	89	
7-Jul-2021	The Vanguard Group, Inc.	BUY	98.89	Ordinary	7,662	7,
7-Jul-2021	The Vanguard Group, Inc.	BUY	98.89	Ordinary	29,290	29,
7-Jul-2021	The Vanguard Group, Inc.	BUY	98.89	Ordinary	17,947	17,
	The Vanguard Group, Inc.	BUY	99.71	Ordinary	1,186	1,
	The Vanguard Group, Inc.	BUY	99.71	Ordinary	689	
	The Vanguard Group, Inc.	BUY	99.71	Ordinary	405	
	The Vanguard Group, Inc.	BUY	99.14	Ordinary	3,610	3,
	The Vanguard Group, Inc.	BUY	99.76	Ordinary	42,347	42,
	The Vanguard Group, Inc.	BUY	99.76	Ordinary	16,930	16,
	The Vanguard Group, Inc.	BUY	99.49	Ordinary	527	
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	99.76	Ordinary Ordinary	461 10,602	10,
	The Vanguard Group, Inc.	BUY	99.64	Ordinary	10,602	10,
	The Vanguard Group, Inc.	BUY	99.18	Ordinary	13,003	19,
	The Vanguard Group, Inc.	BUY	99.64	Ordinary	15,200	12,
	The Vanguard Group, Inc.	BUY	99.64	Ordinary	9,025	9,
	The Vanguard Group, Inc.	BUY	99.64	Ordinary	12,635	12,
	The Vanguard Group, Inc.	BUY	99.64	Ordinary	5,776	,
	The Vanguard Group, Inc.	BUY	98.18	Ordinary	40,685	40,
	The Vanguard Group, Inc.	BUY	98.59	Ordinary	14,293	14,
9-Jul-2021	The Vanguard Group, Inc.	BUY	98.18	Ordinary	17,702	17
9-Jul-2021	The Vanguard Group, Inc.	BUY	98.18	Ordinary	1,260	1,
12-Jul-2021	The Vanguard Group, Inc.	BUY	99.61	Ordinary	3,059	3
12-Jul-2021	The Vanguard Group, Inc.	BUY	99.15	Ordinary	38,783	38
12-Jul-2021	The Vanguard Group, Inc.	BUY	99.17	Ordinary	869	
	The Vanguard Group, Inc.	BUY	99.17	Ordinary	810	
	The Vanguard Group, Inc.	BUY	98.51	Ordinary	24,752	24
	The Vanguard Group, Inc.	BUY	99.62	Ordinary	16,384	16
	The Vanguard Group, Inc.	BUY	99.63	Ordinary	7,189	7
	The Vanguard Group, Inc.	BUY	98.39	Ordinary	66	
	The Vanguard Group, Inc.	BUY	98.36	Ordinary	3,794	3
	The Vanguard Group, Inc.	BUY	98.78	Ordinary	30,972	30
	The Vanguard Group, Inc.	BUY	98.52	Ordinary	2,964	2
	The Vanguard Group, Inc.	BUY	98.52	Ordinary	2,964	2
	The Vanguard Group, Inc.	BUY	98.52	Ordinary	8,892	8
14-Jul-2021	The Vanguard Group, Inc.	BUY BUY	98.78 98.78	Ordinary Ordinary	1,198 599	1

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
0	1 The Vanguard Group, Inc.	BUY	98.78	Ordinary	79	79
14-Jul-202	1 The Vanguard Group, Inc.	BUY	98.36	Ordinary	372	372
15-Jul-202	1 The Vanguard Group, Inc.	BUY	98.99	Ordinary	9,657	9,657
15-Jul-202	1 The Vanguard Group, Inc.	BUY	98.58	Ordinary	868	868
15-Jul-202	1 The Vanguard Group, Inc.	BUY	98.58	Ordinary	1,302	1,302
	1 The Vanguard Group, Inc.	BUY	98.99	Ordinary	2,601	2,601
	1 The Vanguard Group, Inc.	BUY	98.31	Ordinary	4,119	4,119
	1 The Vanguard Group, Inc.	BUY	98.31	Ordinary	22,209	22,209
	1 The Vanguard Group, Inc.	BUY	98.31	Ordinary	284	284
	1 The Vanguard Group, Inc.	SELL	98.31	Ordinary	(8,577)	(8,577
	1 The Vanguard Group, Inc.	BUY BUY	97.96	Ordinary	14,147	14,147
	1 The Vanguard Group, Inc.		97.96	Ordinary	10,062	10,062
	1 The Vanguard Group, Inc. 1 The Vanguard Group, Inc.	BUY BUY	97.96	Ordinary Ordinary	5,878 12,005	5,878
	1 The Vanguard Group, Inc.	BUY	97.68	Ordinary	587	587
	1 The Vanguard Group, Inc.	BUY	97.68	Ordinary	845	845
	1 The Vanguard Group, Inc.	BUY	97.61	Ordinary	585	585
	1 The Vanguard Group, Inc.	BUY	99.28	Ordinary	4,712	4,712
	1 The Vanguard Group, Inc.	BUY	99.28	Ordinary	22,860	22,860
	1 The Vanguard Group, Inc.	BUY	99.28	Ordinary	5,415	5,415
	1 The Vanguard Group, Inc.	BUY	98.43	Ordinary	25,792	25,792
	1 The Vanguard Group, Inc.	BUY	98.42	Ordinary	589	589
21-Jul-202	1 The Vanguard Group, Inc.	BUY	98.42	Ordinary	1,058	1,058
21-Jul-202	1 The Vanguard Group, Inc.	BUY	98.42	Ordinary	1,690	1,690
22-Jul-202	1 The Vanguard Group, Inc.	BUY	99.36	Ordinary	2,622	2,622
	1 The Vanguard Group, Inc.	SELL	99.36	Ordinary	(8,220)	(8,220
22-Jul-202	1 The Vanguard Group, Inc.	BUY	99.36	Ordinary	1,326	1,326
22-Jul-202	1 The Vanguard Group, Inc.	BUY	99.88	Ordinary	1,450	1,450
	1 The Vanguard Group, Inc.	SELL	99.88	Ordinary	(7,608)	(7,608
	1 The Vanguard Group, Inc.	BUY	99.00	Ordinary	6,974	6,974
	1 The Vanguard Group, Inc.	BUY	99.12	Ordinary	1,954	1,954
	1 The Vanguard Group, Inc.	BUY	99.51	Ordinary	32,385	32,385
	1 The Vanguard Group, Inc.	BUY	99.51	Ordinary	894	894
	1 The Vanguard Group, Inc.	BUY BUY	99.17	Ordinary	19,150	19,150
	1 The Vanguard Group, Inc. 1 The Vanguard Group, Inc.	BUY	99.14	Ordinary Ordinary	1,075 1,748	1,075
	1 The Vanguard Group, Inc.	BUY	99.61	Ordinary	18,092	1,748
	1 The Vanguard Group, Inc.	BUY	100.71	Ordinary	2,466	2,466
	1 The Vanguard Group, Inc.	BUY	99.61	Ordinary	302	302
	1 The Vanguard Group, Inc.	BUY	99.61	Ordinary	981	981
	1 The Vanguard Group, Inc.	BUY	99.46	Ordinary	11,362	11,362
	1 The Vanguard Group, Inc.	BUY	99.46	Ordinary	3,610	3,610
28-Jul-202	1 The Vanguard Group, Inc.	BUY	99.46	Ordinary	3,610	3,610
28-Jul-202	1 The Vanguard Group, Inc.	BUY	99.30	Ordinary	10,023	10,023
29-Jul-202	1 The Vanguard Group, Inc.	BUY	99.62	Ordinary	13,152	13,152
29-Jul-202	1 The Vanguard Group, Inc.	BUY	99.30	Ordinary	40,012	40,012
	1 The Vanguard Group, Inc.	SELL	99.31	Ordinary	(628)	(628
	1 The Vanguard Group, Inc.	BUY	99.30	Ordinary	21,593	21,593
	1 The Vanguard Group, Inc.	SELL	99.45	Ordinary	(7,010)	(7,010
	1 The Vanguard Group, Inc.	BUY	99.90	Ordinary	5,415	5,415
	1 The Vanguard Group, Inc.	BUY	99.90	Ordinary	1,347	1,347
	1 The Vanguard Group, Inc. 1 The Vanguard Group, Inc.	BUY BUY	99.65	Ordinary	16,471 3,341	16,471 3,341
	1 The Vanguard Group, Inc.	BUY	99.65	Ordinary Ordinary	16,398	16,398
	1 The Vanguard Group, Inc.	BUY	99.65	Ordinary	10,398	10,398
	1 The Vanguard Group, Inc.	BUY	101.02	Ordinary	8,220	8,220
	1 The Vanguard Group, Inc.	BUY	101.66	Ordinary	16,426	16,426
ž	1 The Vanguard Group, Inc.	BUY	101.66	Ordinary	968	968
-	1 The Vanguard Group, Inc.	SELL	99.91	Ordinary	(5,436)	(5,436
-	1 The Vanguard Group, Inc.	BUY	101.19	Ordinary	3,392	3,392
	1 The Vanguard Group, Inc.	BUY	101.19	Ordinary	9,765	9,765
-	1 The Vanguard Group, Inc.	BUY	101.85	Ordinary	900	900
3-Aug-202	1 The Vanguard Group, Inc.	BUY	101.45	Ordinary	599	599
3-Aug-202	1 The Vanguard Group, Inc.	BUY	101.45	Ordinary	15,223	15,223
4-Aug-202	1 The Vanguard Group, Inc.	BUY	101.84	Ordinary	10,959	10,959
4-Aug-202	1 The Vanguard Group, Inc.	BUY	102.23	Ordinary	567	567
4-Aug-202	1 The Vanguard Group, Inc.	BUY	102.23	Ordinary	1,230	1,230
4 Aug 202	1 The Vanguard Group, Inc.	SELL	102.23	Ordinary	(180)	(180

			Consideration			
		Nature of	given in relation		Number of securities	
	Person whose relevant interest changed	Change(6)	to change(7)	Class	affected	affected 8,684
×.	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	102.58 102.58	Ordinary Ordinary	8,684 16,833	8,684
	The Vanguard Group, Inc.	BUY	102.58	Ordinary	7,281	7,281
· · ·	The Vanguard Group, Inc.	SELL	103.41	Ordinary	(3,408)	(3,408
	The Vanguard Group, Inc.	BUY	103.41	Ordinary	2,588	2,588
*	The Vanguard Group, Inc.	BUY	102.58	Ordinary	237	237
6-Aug-2021	The Vanguard Group, Inc.	SELL	103.75	Ordinary	(6,684)	(6,684
9-Aug-2021	The Vanguard Group, Inc.	BUY	104.76	Ordinary	5,375	5,375
9-Aug-2021	The Vanguard Group, Inc.	BUY	104.94	Ordinary	4,172	4,172
×.	The Vanguard Group, Inc.	BUY	107.06	Ordinary	3,150	3,150
	The Vanguard Group, Inc.	BUY	106.56	Ordinary	16,772	16,772
· · ·	The Vanguard Group, Inc.	BUY	108.40	Ordinary	3,534	3,534
	The Vanguard Group, Inc.	BUY	108.17	Ordinary	8,198	8,198
	The Vanguard Group, Inc.	BUY	108.17	Ordinary	10,484	10,484
	The Vanguard Group, Inc.	BUY	108.40	Ordinary	900	900
*	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	108.40 108.17	Ordinary Ordinary	1,976 2,388	1,976 2,388
	The Vanguard Group, Inc.	BUY	108.17	Ordinary	1,576	1,576
	The Vanguard Group, Inc.	BUY	105.88	Ordinary	652	652
	The Vanguard Group, Inc.	BUY	105.88	Ordinary	1,439	1,439
•	The Vanguard Group, Inc.	BUY	103.78	Ordinary	9,025	9,025
-	The Vanguard Group, Inc.	BUY	103.78	Ordinary	4,332	4,332
13-Aug-2021	The Vanguard Group, Inc.	BUY	103.78	Ordinary	6,498	6,498
13-Aug-2021	The Vanguard Group, Inc.	BUY	103.78	Ordinary	5,776	5,776
13-Aug-2021	The Vanguard Group, Inc.	BUY	106.00	Ordinary	295	295
16-Aug-2021	The Vanguard Group, Inc.	BUY	102.74	Ordinary	7,620	7,620
16-Aug-2021	The Vanguard Group, Inc.	BUY	102.74	Ordinary	19,050	19,050
×.	The Vanguard Group, Inc.	BUY	100.68	Ordinary	5,852	5,852
	The Vanguard Group, Inc.	BUY	98.58	Ordinary	9,900	9,900
	The Vanguard Group, Inc.	BUY	99.00	Ordinary	15,596	15,596
, ,	The Vanguard Group, Inc.	BUY	99.16	Ordinary	11,913	11,913
	The Vanguard Group, Inc.	BUY	99.16	Ordinary	1,828	1,828
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	99.65	Ordinary Ordinary	15,506 (872)	15,506 (872
-	The Vanguard Group, Inc.	BUY	99.77	Ordinary	10,563	10,563
	The Vanguard Group, Inc.	BUY	99.77	Ordinary	541	541
-	The Vanguard Group, Inc.	BUY	99.46	Ordinary	16,440	16,440
×.	The Vanguard Group, Inc.	BUY	99.12	Ordinary	23,177	23,177
•	The Vanguard Group, Inc.	BUY	99.46	Ordinary	1,371	1,371
19-Aug-2021	The Vanguard Group, Inc.	BUY	99.22	Ordinary	1,206	1,206
19-Aug-2021	The Vanguard Group, Inc.	SELL	99.22	Ordinary	(1,912)	(1,912
19-Aug-2021	The Vanguard Group, Inc.	BUY	99.22	Ordinary	2,118	2,118
•	The Vanguard Group, Inc.	BUY	99.70	Ordinary	9,525	9,525
	The Vanguard Group, Inc.	BUY	100.11	Ordinary	19,211	19,211
-	The Vanguard Group, Inc.	BUY	99.27	Ordinary	17,733	17,733
	The Vanguard Group, Inc.	BUY	99.27	Ordinary	872	872
	The Vanguard Group, Inc.	BUY	99.27	Ordinary	814	814
-	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	99.27 100.23	Ordinary Ordinary	1,752 3,534	1,752
· · ·	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	100.23	Ordinary	3,534 7,620	3,534
*	The Vanguard Group, Inc.	BUY	100.23	Ordinary	11,430	11,430
•	The Vanguard Group, Inc.	BUY	100.23	Ordinary	6,576	6,576
*	The Vanguard Group, Inc.	BUY	100.23	Ordinary	9,864	9,864
-	The Vanguard Group, Inc.	BUY	100.23	Ordinary	5,415	5,415
-	The Vanguard Group, Inc.	BUY	100.23	Ordinary	5,415	5,415
	The Vanguard Group, Inc.	BUY	99.88	Ordinary	25,353	25,353
23-Aug-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	914	914
•	The Vanguard Group, Inc.	BUY	100.17	Ordinary	17,447	17,447
*	The Vanguard Group, Inc.	BUY	100.28	Ordinary	33,239	33,239
	The Vanguard Group, Inc.	BUY	99.91	Ordinary	1,943	1,943
-	The Vanguard Group, Inc.	BUY	100.28	Ordinary	556	556
	The Vanguard Group, Inc.	BUY	100.19	Ordinary	4,332	4,332
-	The Vanguard Group, Inc.	BUY	100.42	Ordinary	29,227	29,227
	The Vanguard Group, Inc.	SELL	99.98	Ordinary	(435)	(435
	The Vanguard Group, Inc.	BUY	100.42	Ordinary	10,912	10,912
25-Aug-2021	The Vanguard Group, Inc.	BUY	100.42	Ordinary Ordinary	440 28,444	440 28,444
20 4	The Vanguard Group, Inc.	BUY	100.63			

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
26-Aug-2021	The Vanguard Group, Inc.	BUY	100.63	Ordinary	3,443	3,443
27-Aug-2021	The Vanguard Group, Inc.	BUY	101.75	Ordinary	3,534	3,534
27-Aug-2021	The Vanguard Group, Inc.	BUY	101.75	Ordinary	5,890	5,890
* *	The Vanguard Group, Inc.	BUY	101.75	Ordinary	7,620	7,620
-	The Vanguard Group, Inc.	BUY	101.21	Ordinary	26,430	26,430
*	The Vanguard Group, Inc.	BUY	101.75	Ordinary	5,415	5,415
	The Vanguard Group, Inc.	BUY	101.21	Ordinary	17,374	17,374
	The Vanguard Group, Inc.	BUY BUY	101.54	Ordinary	797 34,046	797 34,046
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	100.63	Ordinary Ordinary	13,223	13,223
	The Vanguard Group, Inc.	SELL	100.03	Ordinary	(367)	(367)
*	The Vanguard Group, Inc.	BUY	100.12	Ordinary	3,763	3,763
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	SELL	100.12	Ordinary	(41,210)	(41,210)
	The Vanguard Group, Inc.	BUY	100.12	Ordinary	124	124
-	The Vanguard Group, Inc.	BUY	100.18	Ordinary	38,069	38,069
	The Vanguard Group, Inc.	BUY	100.18	Ordinary	18,712	18,712
1-Sep-2021	The Vanguard Group, Inc.	BUY	101.00	Ordinary	940	940
1-Sep-2021	The Vanguard Group, Inc.	BUY	101.00	Ordinary	17,702	17,702
2-Sep-2021	The Vanguard Group, Inc.	BUY	101.35	Ordinary	7,392	7,392
2-Sep-2021	The Vanguard Group, Inc.	BUY	101.35	Ordinary	12,813	12,813
-	The Vanguard Group, Inc.	BUY	101.37	Ordinary	2,279	2,279
	The Vanguard Group, Inc.	BUY	101.37	Ordinary	9,207	9,207
	The Vanguard Group, Inc.	BUY	101.35	Ordinary	1,265	1,265
	The Vanguard Group, Inc.	BUY	101.52	Ordinary	1,868	1,868
	The Vanguard Group, Inc.	BUY	101.52	Ordinary	914	914
	The Vanguard Group, Inc.	BUY BUY	101.52	Ordinary	2,976	2,976
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	101.84	Ordinary Ordinary	1,267 757	1,267 757
	The Vanguard Group, Inc.	BUY	101.84	Ordinary	9,014	9,014
	The Vanguard Group, Inc.	BUY	102.00	Ordinary	874	874
	The Vanguard Group, Inc.	BUY	102.14	Ordinary	15,796	15,796
	The Vanguard Group, Inc.	BUY	102.92	Ordinary	17,071	17,071
	The Vanguard Group, Inc.	BUY	102.05	Ordinary	360	360
	The Vanguard Group, Inc.	BUY	101.09	Ordinary	874	874
10-Sep-2021	The Vanguard Group, Inc.	BUY	101.09	Ordinary	15,681	15,681
13-Sep-2021	The Vanguard Group, Inc.	SELL	101.30	Ordinary	(10,101)	(10,101
	The Vanguard Group, Inc.	BUY	100.80	Ordinary	2,976	2,976
	The Vanguard Group, Inc.	BUY	101.58	Ordinary	105	105
	The Vanguard Group, Inc.	BUY	101.86	Ordinary	1,371	1,371
	The Vanguard Group, Inc.	BUY	101.86	Ordinary	1,828	1,828
	The Vanguard Group, Inc.	BUY	101.41	Ordinary	2,055	2,055
	The Vanguard Group, Inc.	BUY	101.99	Ordinary	5,174	5,174
	The Vanguard Group, Inc.	SELL	101.99	Ordinary	(8,331)	(8,331)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL SELL	102.82 102.82	Ordinary Ordinary	(23,709) (58,626)	
	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(197,873)	(197,873)
	The Vanguard Group, Inc.	BUY	102.26	Ordinary	1,371	1,371
	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(58,534)	(58,534)
	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(5,599)	(5,599)
	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(711)	(711
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(6,885)	(6,885
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(8,806)	(8,806)
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.88	Ordinary	(15,175)	(15,175
17-Sep-2021	The Vanguard Group, Inc.	BUY	102.88	Ordinary	1,612	1,612
	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(498)	(498)
	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(1,047)	(1,047)
	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(804)	(804)
	The Vanguard Group, Inc.	BUY	102.88	Ordinary	437	437
	The Vanguard Group, Inc.	BUY	102.88	Ordinary	(8 017)	(8 017
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	102.82	Ordinary	(8,917)	(8,917)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL BUY	102.82 99.72	Ordinary Ordinary	(499) 9,870	(499) 9,870
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	100.21	Ordinary	9,870	9,870
	The Vanguard Group, Inc.	BUY	100.21	Ordinary	1,974	1,974
	The Vanguard Group, Inc.	BUY	100.34	Ordinary	1,130	1,130
	The Vanguard Group, Inc.	BUY	100.97	Ordinary	1,974	1,974
	The Vanguard Group, Inc.	BUY	100.80	Ordinary	562	562
5 F V	U 1 1 1 1 1	BUY	100.80	Ordinary	588	588

			Consideration			
Data of change	Person whose relevant interest changed	Nature of	given in relation	Class	Number of securities affected	affected
Date of change	The Vanguard Group, Inc.	Change(6) BUY	to change(7) 101.50	Ordinary	1,800	1,800
	The Vanguard Group, Inc.	BUY	101.30	Ordinary	45,370	45,370
	The Vanguard Group, Inc.	BUY	101.70	Ordinary	1,186	1,186
	The Vanguard Group, Inc.	BUY	101.70	Ordinary	33,000	33,000
	The Vanguard Group, Inc.	SELL	101.50	Ordinary	(259)	(259
24-Sep-2021	The Vanguard Group, Inc.	BUY	101.70	Ordinary	468	468
24-Sep-2021	The Vanguard Group, Inc.	BUY	101.50	Ordinary	322	322
24-Sep-2021	The Vanguard Group, Inc.	BUY	101.50	Ordinary	570	570
27-Sep-2021	The Vanguard Group, Inc.	BUY	104.16	Ordinary	1,350	1,350
28-Sep-2021	The Vanguard Group, Inc.	BUY	102.81	Ordinary	1,820	1,820
28-Sep-2021	The Vanguard Group, Inc.	BUY	104.04	Ordinary	25,750	25,750
28-Sep-2021	The Vanguard Group, Inc.	BUY	104.04	Ordinary	62,011	62,011
	The Vanguard Group, Inc.	BUY	104.04	Ordinary	12,490	12,490
	The Vanguard Group, Inc.	BUY	102.81	Ordinary	1,974	1,974
	The Vanguard Group, Inc.	BUY	105.00	Ordinary	3,849	3,849
	The Vanguard Group, Inc.	SELL	104.00	Ordinary	(188)	(188
	The Vanguard Group, Inc.	BUY	103.09	Ordinary	2,310	2,310
	The Vanguard Group, Inc.	BUY	103.41	Ordinary	17,456	17,456
	The Vanguard Group, Inc.	BUY	103.41	Ordinary	1,324	1,324
	The Vanguard Group, Inc.	BUY SELL	102.62	Ordinary Ordinary	517 (46)	517 (46)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	102.62 104.00	Ordinary	9,238	9,238
	The Vanguard Group, Inc.	BUY	104.00	Ordinary	9,238 30,432	9,238 30,432
	The Vanguard Group, Inc.	BUY	102.03	Ordinary	45,566	45,566
	The Vanguard Group, Inc.	BUY	104.00	Ordinary	5,346	5,346
	The Vanguard Group, Inc.	BUY	104.32	Ordinary	27,741	27,741
	The Vanguard Group, Inc.	BUY	104.32	Ordinary	4,634	4,634
	The Vanguard Group, Inc.	BUY	100.46	Ordinary	3,477	3,477
1-Oct-2021	The Vanguard Group, Inc.	BUY	100.08	Ordinary	40,474	40,474
1-Oct-2021	The Vanguard Group, Inc.	BUY	100.08	Ordinary	122	122
1-Oct-2021	The Vanguard Group, Inc.	BUY	102.00	Ordinary	268	268
4-Oct-2021	The Vanguard Group, Inc.	BUY	102.76	Ordinary	32,128	32,128
4-Oct-2021	The Vanguard Group, Inc.	BUY	105.16	Ordinary	1,190	1,190
4-Oct-2021	The Vanguard Group, Inc.	BUY	105.16	Ordinary	29,736	29,736
	The Vanguard Group, Inc.	BUY	104.79	Ordinary	16,371	16,371
	The Vanguard Group, Inc.	BUY	106.15	Ordinary	1,350	1,350
	The Vanguard Group, Inc.	BUY	106.15	Ordinary	1,974	1,974
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY SELL	105.50 105.50	Ordinary	564	564 (59,355
	The Vanguard Group, Inc.	BUY	105.50	Ordinary Ordinary	(59,355) 1,453	1,453
	The Vanguard Group, Inc.	SELL	103.30	Ordinary	(5,969)	(5,969)
	The Vanguard Group, Inc.	SELL	102.70	Ordinary	(111.614)	(111,614)
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(9,118)	
	The Vanguard Group, Inc.	SELL	103.32		(27,442)	
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(1,467)	
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(2,242)	(2,242)
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(21,388)	
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(32,673)	
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(399,949)	(399,949)
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(69,166)	
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(41,010)	
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(62,650)	
	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(766,887)	
	The Vanguard Group, Inc.	BUY	103.81	Ordinary	900	900
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(133)	
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(202)	(202
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL SELL	103.32	Ordinary	(2,480) (418)	
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	104.60 103.42	Ordinary Ordinary	(418)	
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(14,159)	
	The Vanguard Group, Inc.	SELL	102.70	Ordinary	(264,767)	
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(18,002)	
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(1,828)	
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(2,793)	
	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(34,191)	1.
6-Oct-2021	The valigual u Group, Inc.					
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(836)	(836
6-Oct-2021						

(20,834) 779 (4,211) (344) (225) (108) (70) (1,314) (236) (154) (2,883) (120) (10) (6) (1,291) (105) (69) (81) (1,520) (124) (199) (130) (2,431) (85) (130) (1,589) (549) (310) (474) (5,809) (241) (22) (34) (417) (694) (12,969) (1,060) (66) (100) (1,229) 1,800 926 876 (11,988) 1,918 (770) (1,395) 3,234 11,280 2,250 23,056 89 725 4,540 555 3,298 1,386 3,297 13,650 1,350 13,004

73

4,528

7,504

15,008

5,400

1,800

1,914

4,528

7,504

15,008

5,400

1,800

1,914

	Date of change		Person whose relevant in
		6-Oct-2021	
			The Vanguard Group, Inc.
		6-Oct-2021	The Vanguard Group, Inc.
		6-Oct-2021	The Vanguard Group, Inc.
		6-Oct-2021	The Vanguard Group, Inc.
		6-Oct-2021	The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc. The Vanguard Group, Inc.
			The Vanguard Group, Inc.
(\bigcirc)			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
ab			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
10		6-Oct-2021	The Vanguard Group, Inc.
(())		6-Oct-2021	The Vanguard Group, Inc.
99		6-Oct-2021	The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc. The Vanguard Group, Inc.
65			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
60			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
		6-Oct-2021	The Vanguard Group, Inc.
		6-Oct-2021	The Vanguard Group, Inc.
		6-Oct-2021	The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
20			The Vanguard Group, Inc.
((//))			The Vanguard Group, Inc. The Vanguard Group, Inc.
00			The Vanguard Group, Inc.
$\sum_{i=1}^{n}$			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
615			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
		8-Oct-2021	The Vanguard Group, Inc.
		8-Oct-2021	The Vanguard Group, Inc.
		8-Oct-2021	The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
7			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
(\bigcirc)			The Vanguard Group, Inc. The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group, Inc.
			The Vanguard Group Inc

		Nature of	Consideration given in relation		Number of securities	Person's votes
	Person whose relevant interest changed	Change(6)	to change(7)	Class	affected	affected
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(20,834)	(20,
6-Oct-2021	The Vanguard Group, Inc.	BUY	103.42	Ordinary	779	
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(4,211)	(4,
5-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(344)	(
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(225)	(
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(108)	(
5-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(70)	
5-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(1,314)	(1,
5-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(236)	(
5-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(154)	(
5-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(2,883)	(2,
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(120)	(
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(10)	
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(6)	
	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(1,291)	(1,
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(105)	(
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(69)	
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(81)	
	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(1,520)	(1,
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(124)	(
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(199)	(
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(130)	(
	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(2,431)	(2,
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(85)	
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(130)	(
	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(1,589)	(1,
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(549)	(
	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(310)	(
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(474)	(
	The Vanguard Group, Inc.	SELL SELL	103.32	Ordinary	(5,809)	(5,
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL	103.42 102.76	Ordinary Ordinary	(241)	
	The Vanguard Group, Inc.	SELL	102.70	Ordinary	(22)	
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(34)	(
	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(694)	
	The Vanguard Group, Inc.	SELL	102.70	Ordinary	(12,969)	(12,
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(12,565)	(12)
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(1,000)	(1)
	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(100)	(
	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(1,229)	(1,
	The Vanguard Group, Inc.	BUY	103.71	Ordinary	1,800	1,
	The Vanguard Group, Inc.	BUY	103.41	, Ordinary	926	,
7-Oct-2021	The Vanguard Group, Inc.	BUY	103.41	Ordinary	876	
7-Oct-2021	The Vanguard Group, Inc.	SELL	103.41	Ordinary	(11,988)	(11,
7-Oct-2021	The Vanguard Group, Inc.	BUY	103.41	Ordinary	1,918	1,
7-Oct-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(770)	(
7-Oct-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(1,395)	(1,
3-Oct-2021	The Vanguard Group, Inc.	BUY	104.48	Ordinary	3,234	3,
3-Oct-2021	The Vanguard Group, Inc.	BUY	104.48	Ordinary	11,280	11,
3-Oct-2021	The Vanguard Group, Inc.	BUY	104.48	Ordinary	2,250	2,
	The Vanguard Group, Inc.	BUY	103.51	Ordinary	23,056	23,
	The Vanguard Group, Inc.	BUY	104.45	Ordinary	89	
	The Vanguard Group, Inc.	BUY	104.45	Ordinary	725	
	The Vanguard Group, Inc.	BUY	104.14	Ordinary	4,540	4,
	The Vanguard Group, Inc.	BUY	104.69	Ordinary	555	
	The Vanguard Group, Inc.	BUY	104.19	Ordinary	3,298	3,
	The Vanguard Group, Inc.	BUY	105.03	Ordinary	1,386	1,
	The Vanguard Group, Inc.	BUY	104.19	Ordinary	3,297	3,
	The Vanguard Group, Inc.	BUY	104.19	Ordinary	13,650	13,
	The Vanguard Group, Inc.	BUY	105.03	Ordinary	1,350	1,
	The Vanguard Group, Inc.	BUY	104.19	Ordinary	13,004	13,
	The Vanguard Group, Inc.	BUY	104.19	Ordinary	73	1
S=C ICT= 711 71		IDUIT				

103.70 Ordinary

103.70 Ordinary

Ordinary

Ordinary

Ordinary 103.70 Ordinary

103.70

103.70

103.70

BUY

BUY

BUY

BUY

BUY

BUY

13-Oct-2021 The Vanguard Group, Inc.

13-Oct-2021 The Vanguard Group, Inc.

13-Oct-2021 The Vanguard Group, Inc.

			Consideration			
Data of change	Demonstructure and second internet shows a	Nature of	given in relation	Class	Number of securities	
Date of change	Person whose relevant interest changed The Vanguard Group, Inc.	Change(6) BUY	to change(7) 104.64	Class Ordinary	affected 414	affected 414
	The Vanguard Group, Inc.	BUY	104.64	Ordinary	1,504	1,504
	The Vanguard Group, Inc.	BUY	101.91	Ordinary	838	838
	The Vanguard Group, Inc.	SELL	103.41	Ordinary	(851)	(851
	The Vanguard Group, Inc.	BUY	102.82	Ordinary	3,396	3,396
15-Oct-2021	. The Vanguard Group, Inc.	SELL	102.27	Ordinary	(287)	(287
18-Oct-2021	The Vanguard Group, Inc.	BUY	103.94	Ordinary	728	728
	The Vanguard Group, Inc.	BUY	102.55	Ordinary	502	502
	The Vanguard Group, Inc.	BUY	104.36	Ordinary	5,400	5,400
	. The Vanguard Group, Inc.	BUY	104.36	Ordinary	1,350	1,350
	The Vanguard Group, Inc.	BUY	104.36	Ordinary	2,871	2,871
	The Vanguard Group, Inc.	BUY	104.36	Ordinary	957	957
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	103.89 103.89	Ordinary Ordinary	782	782 118
	The Vanguard Group, Inc.	BUY	105.36	Ordinary	118	1,914
	The Vanguard Group, Inc.	BUY	105.03	Ordinary	1,914	1,914
	The Vanguard Group, Inc.	BUY	105.03	Ordinary	2,615	2,615
	The Vanguard Group, Inc.	BUY	105.03	Ordinary	728	728
	The Vanguard Group, Inc.	BUY	105.03	Ordinary	6,174	6,174
	The Vanguard Group, Inc.	BUY	104.85	Ordinary	7,656	7,656
	The Vanguard Group, Inc.	BUY	104.51	Ordinary	5,047	5,047
22-Oct-2021	The Vanguard Group, Inc.	BUY	104.88	Ordinary	2,346	2,346
22-Oct-2021	The Vanguard Group, Inc.	SELL	104.88	Ordinary	(11,400)	(11,400
25-Oct-2021	The Vanguard Group, Inc.	BUY	105.68	Ordinary	11,256	11,256
	The Vanguard Group, Inc.	BUY	105.46	Ordinary	581	581
	. The Vanguard Group, Inc.	BUY	105.46	Ordinary	1,035	1,035
	. The Vanguard Group, Inc.	BUY	105.10	Ordinary	7,657	7,657
	The Vanguard Group, Inc.	BUY	105.37	Ordinary	32,586	32,586
	The Vanguard Group, Inc.	BUY	105.18	Ordinary	1,350	1,350
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	105.37 105.10	Ordinary Ordinary	13,476 765	13,476 765
	The Vanguard Group, Inc.	BUY	105.10	Ordinary	3,960	3,960
	The Vanguard Group, Inc.	BUY	105.45	Ordinary	7,200	7,200
	The Vanguard Group, Inc.	BUY	105.45	Ordinary	1,350	1,350
	The Vanguard Group, Inc.	SELL	105.04	Ordinary	(444)	(444
27-Oct-2021	The Vanguard Group, Inc.	BUY	106.10	Ordinary	546	546
27-Oct-2021	. The Vanguard Group, Inc.	BUY	105.04	Ordinary	431	431
28-Oct-2021	The Vanguard Group, Inc.	BUY	107.13	Ordinary	3,240	3,240
	The Vanguard Group, Inc.	BUY	106.86	Ordinary	781	781
	. The Vanguard Group, Inc.	BUY	106.86	Ordinary	44	44
	The Vanguard Group, Inc.	BUY	106.87	Ordinary	6,443	6,443
	The Vanguard Group, Inc.	SELL	105.37	Ordinary	(8,005)	(8,005
	The Vanguard Group, Inc.	BUY BUY	105.37	Ordinary	1,800	1,800
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	104.68 104.68	Ordinary Ordinary	781	781
	The Vanguard Group, Inc.	BUY	104.08	Ordinary	16,235	16,235
	The Vanguard Group, Inc.	BUY	106.51	Ordinary	11,256	11,256
	The Vanguard Group, Inc.	BUY	106.51	Ordinary	7,504	7,504
	The Vanguard Group, Inc.	BUY	106.51	Ordinary	5,400	5,400
	The Vanguard Group, Inc.	BUY	106.29	Ordinary	525	525
	The Vanguard Group, Inc.	BUY	105.71	Ordinary	26,724	26,724
2-Nov-2021	The Vanguard Group, Inc.	BUY	105.71	Ordinary	12,444	12,444
	The Vanguard Group, Inc.	BUY	105.76	Ordinary	117	117
	The Vanguard Group, Inc.	BUY	107.54	Ordinary	2,310	2,310
	The Vanguard Group, Inc.	BUY	107.54	Ordinary	9,380	9,380
	The Vanguard Group, Inc.	BUY	106.48	Ordinary	9,828	9,828
	The Vanguard Group, Inc.	BUY	107.00	Ordinary	4,574	4,574
	The Vanguard Group, Inc.	BUY	107.00	Ordinary	1,566	1,566
	The Vanguard Group, Inc.	BUY	107.37	Ordinary	6,870	6,870
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	108.56	Ordinary	3,600	3,600
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY BUY	108.50 109.36	Ordinary Ordinary	2,010 28,628	2,010 28,628
	The Vanguard Group, Inc.	BUY	109.36	Ordinary	5,760	5,760
	The Vanguard Group, Inc.	BUY	109.74	Ordinary	900	900
	The Vanguard Group, Inc.	BUY	109.36	Ordinary	16,419	16,419
	The Vanguard Group, Inc.	BUY	109.71	Ordinary	809	809
	The Vanguard Group, Inc.	BUY	109.36	Ordinary	395	395
				· ·		31,718

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
2-Aug-2018	Vanguard Investments Australia Ltd.	BUY	73.68	Ordinary	14,787	14,7
3-Aug-2018	Vanguard Investments Australia Ltd.	SELL	72.83	Ordinary	(7,392)	(7,3
3-Aug-2018	Vanguard Investments Australia Ltd.	BUY	72.83	Ordinary	20,044	20,0
*	Vanguard Investments Australia Ltd.	SELL	73.56	Ordinary	(3,570)	(3,5
	Vanguard Investments Australia Ltd.	BUY	72.89	Ordinary	29,613	29,6
	Vanguard Investments Australia Ltd.	BUY	75.37	Ordinary	162	1
	Vanguard Investments Australia Ltd.	BUY	73.99	Ordinary	571	5
•	Vanguard Investments Australia Ltd.	BUY	73.99	Ordinary	9,912	9,9
0	Vanguard Investments Australia Ltd.	BUY	73.99	Ordinary	28,409	28,4
0	Vanguard Investments Australia Ltd.	SELL	74.12	Ordinary	(3,770)	(3,7
0	Vanguard Investments Australia Ltd.	SELL	73.61	Ordinary	(7,885)	(7,8
· ·	Vanguard Investments Australia Ltd.	SELL	72.95	Ordinary	(559)	(5
*	Vanguard Investments Australia Ltd.	BUY	72.95	Ordinary	16,500	16,5
	Vanguard Investments Australia Ltd.	BUY	71.19	Ordinary	7,309	7,3
*	Vanguard Investments Australia Ltd.	BUY	71.19	Ordinary	19,809	19,8
	Vanguard Investments Australia Ltd.	BUY	71.73	Ordinary	29,753	29,7
*	Vanguard Investments Australia Ltd.	BUY	73.23	Ordinary	13,219	13,2
	Vanguard Investments Australia Ltd.	BUY	71.47	Ordinary	1,525	1,5
9	Vanguard Investments Australia Ltd.	BUY	71.47	Ordinary	955	9
	Vanguard Investments Australia Ltd.	SELL	71.21	Ordinary	(568)	(5
	Vanguard Investments Australia Ltd.	SELL	71.21	Ordinary	(17,508)	(17,5
	Vanguard Investments Australia Ltd.	BUY	70.73	Ordinary	18,128	18,1
	Vanguard Investments Australia Ltd.	BUY	70.73	Ordinary	21,817	21,8
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY BUY	70.14	,	33,665	33,
	0	BUY	70.51	Ordinary	4,379	4,
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL	70.51	Ordinary Ordinary	23,355 (765)	23,3
	· ·	SELL	70.75		(763)	
	Vanguard Investments Australia Ltd.	-		Ordinary	() ,	(9,
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY SELL	70.75	Ordinary Ordinary	16,550 (17,926)	16, (17,
		BUY	71.87			
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	71.73	Ordinary Ordinary	18,205 25,435	18, 25,
	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	957	23,
	Vanguard Investments Australia Ltd.	BUY	71.94	,	27,373	27,
	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	1,361	1,
	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	1,301	11,
	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	4,639	4,
	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	7,245	7,
	Vanguard Investments Australia Ltd.	BUY	71.94	,	4,749	4,
	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	57,822	57,
	Vanguard Investments Australia Ltd.	BUY	70.18	Ordinary	9,912	9,
	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	29,226	29,
	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	3,847	3,
	Vanguard Investments Australia Ltd.	BUY		Ordinary	33,884	33,
	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	1,991	1,
	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	12,884	12,
	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	3,079	3,
	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	3,131	3,
	Vanguard Investments Australia Ltd.	BUY	70.09	· · · ·	6,057	6,
	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	30,736	30,
	Vanguard Investments Australia Ltd.	BUY	70.08	Ordinary	127,204	127,
	Vanguard Investments Australia Ltd.	SELL	71.41	Ordinary	(1,944)	(1,
	Vanguard Investments Australia Ltd.	SELL	71.41	Ordinary	(3,174)	
	Vanguard Investments Australia Ltd.	SELL	71.41	,	(36,296)	(36,
	Vanguard Investments Australia Ltd.	BUY	70.42	Ordinary	7,740	7,
	Vanguard Investments Australia Ltd.	BUY	70.42	Ordinary	14,661	14,
	Vanguard Investments Australia Ltd.	BUY	69.61	Ordinary	16,189	16,
	Vanguard Investments Australia Ltd.	BUY	69.35	Ordinary	14,679	14,
	Vanguard Investments Australia Ltd.	BUY	68.75	,	4,644	4,
	Vanguard Investments Australia Ltd.	SELL	68.97	Ordinary	(11,865)	(11,
	Vanguard Investments Australia Ltd.	BUY	68.97	Ordinary	942	(/
	Vanguard Investments Australia Ltd.	BUY	67.00	Ordinary	19,620	19,
	Vanguard Investments Australia Ltd.	BUY	67.03	Ordinary	4,644	4,
	Vanguard Investments Australia Ltd.	BUY	67.03	Ordinary	27,787	27,
	Vanguard Investments Australia Ltd.	SELL	65.77	Ordinary	(7,539)	(7,
	Vanguard Investments Australia Ltd.	BUY	66.90	Ordinary	4,644	4,
	Vanguard Investments Australia Ltd.	BUY	66.90	Ordinary	27,659	27,
	Vanguard Investments Australia Ltd.	BUY	66.90	Ordinary	36,226	36,

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
22-Oct-2018	Vanguard Investments Australia Ltd.	SELL	67.34	Ordinary	(4,439)	(4,43
23-Oct-2018	Vanguard Investments Australia Ltd.	BUY	66.61	Ordinary	4,644	4,64
	Vanguard Investments Australia Ltd.	BUY	66.61	Ordinary	6,192	6,19
	Vanguard Investments Australia Ltd.	SELL	66.86	Ordinary	(2,843)	(2,84
	Vanguard Investments Australia Ltd.	BUY	66.86	Ordinary	19,500	19,50
	Vanguard Investments Australia Ltd.	BUY	65.27	Ordinary	36,652	36,65
<u></u>	Vanguard Investments Australia Ltd.	SELL BUY	65.27	Ordinary	(12,351)	(12,35
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	65.27 65.27	Ordinary Ordinary	6,192 22,750	6,19
	Vanguard Investments Australia Ltd.	BUY	65.60	Ordinary	53,019	53,02
	Vanguard Investments Australia Ltd.	BUY	66.64	Ordinary	6,192	6,1
	Vanguard Investments Australia Ltd.	BUY	66.64	Ordinary	33,727	33,7
	Vanguard Investments Australia Ltd.	BUY	69.23	Ordinary	26,000	26,0
	Vanguard Investments Australia Ltd.	BUY	69.23	Ordinary	4,875	4,8
	Vanguard Investments Australia Ltd.	BUY	68.94	Ordinary	10,994	10,9
1-Nov-2018	Vanguard Investments Australia Ltd.	BUY	68.94	Ordinary	3,244	3,2
2-Nov-2018	Vanguard Investments Australia Ltd.	BUY	68.35	Ordinary	21,112	21,1
5-Nov-2018	Vanguard Investments Australia Ltd.	BUY	67.98	Ordinary	28,595	28,5
6-Nov-2018	Vanguard Investments Australia Ltd.	BUY	68.69	Ordinary	46,321	46,3
12-Nov-2018	Vanguard Investments Australia Ltd.	SELL	71.77	Ordinary	(18,479)	(18,4
12-Nov-2018	Vanguard Investments Australia Ltd.	SELL	71.77	Ordinary	(699)	(6
12-Nov-2018	Vanguard Investments Australia Ltd.	BUY	71.77	Ordinary	21,216	21,2
14-Nov-2018	Vanguard Investments Australia Ltd.	SELL	69.21	Ordinary	(20,080)	(20,0
	Vanguard Investments Australia Ltd.	SELL	68.86	Ordinary	(12,629)	(12,6
	Vanguard Investments Australia Ltd.	BUY	69.18	Ordinary	898	8
	Vanguard Investments Australia Ltd.	BUY	69.18	Ordinary	18,024	18,0
	Vanguard Investments Australia Ltd.	SELL	68.50	,	(65,840)	(65,8
	Vanguard Investments Australia Ltd.	BUY	68.47	Ordinary	48,056	48,0
	Vanguard Investments Australia Ltd.	BUY	69.84	,	21,574	21,5
	Vanguard Investments Australia Ltd.	BUY BUY	70.63	Ordinary	4,683	4,6
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	70.63	Ordinary Ordinary	4,683 22,904	4,
	Vanguard Investments Australia Ltd.	BUY	70.03	Ordinary	31,912	31,9
	Vanguard Investments Australia Ltd.	BUY	72.43	Ordinary	17,974	17,9
	Vanguard Investments Australia Ltd.	SELL	71.36	Ordinary	(699)	((
	Vanguard Investments Australia Ltd.	BUY	71.80	Ordinary	14,889	14,8
	Vanguard Investments Australia Ltd.	BUY	71.55	Ordinary	21,268	21,2
	Vanguard Investments Australia Ltd.	BUY	71.55	Ordinary	34,358	34,
4-Dec-2018	Vanguard Investments Australia Ltd.	BUY	70.80	Ordinary	90,891	90,
4-Dec-2018	Vanguard Investments Australia Ltd.	BUY	70.80	Ordinary	284,570	284,
6-Dec-2018	Vanguard Investments Australia Ltd.	SELL	69.67	Ordinary	(7,495)	(7,4
6-Dec-2018	Vanguard Investments Australia Ltd.	BUY	69.67	Ordinary	4,683	4,
7-Dec-2018	Vanguard Investments Australia Ltd.	BUY	70.40	Ordinary	33,488	33,
	Vanguard Investments Australia Ltd.	BUY		Ordinary	6,248	6,
	Vanguard Investments Australia Ltd.	BUY	68.43	,	4,686	4,
	Vanguard Investments Australia Ltd.	BUY	68.43	Ordinary	32,760	32,
	Vanguard Investments Australia Ltd.	BUY	68.43	· · · ·	19,656	19,
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL BUY	68.81	Ordinary Ordinary	(9,828)	(9,
	Vanguard Investments Australia Ltd.	SELL	68.60 68.92	Ordinary	6,248 (8,074)	6, (8,
	Vanguard Investments Australia Ltd.	BUY	68.92	Ordinary	1,079	(8,
	Vanguard Investments Australia Ltd.	BUY	68.55		63,280	63,
	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	7,505	7,
	Vanguard Investments Australia Ltd.	BUY	68.55		47,345	47,
	Vanguard Investments Australia Ltd.	SELL	68.48	-	(651)	(
	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	31,583	31,
	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	5,443	5,
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	13,044	13,
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	64,257	64,
	Vanguard Investments Australia Ltd.	BUY	68.48	,	4,686	4,
	Vanguard Investments Australia Ltd.	SELL	68.37	Ordinary	(24,112)	(24,
	Vanguard Investments Australia Ltd.	BUY	68.55	· · · ·	127,902	127,
	Vanguard Investments Australia Ltd.	BUY	68.03	Ordinary	14,732	14,
	Vanguard Investments Australia Ltd.	BUY	68.03		1,747	1,
	Vanguard Investments Australia Ltd.	BUY	68.03	,	11,021	11,
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY BUY	68.03 68.03	Ordinary Ordinary	7,352	7,
04 D 0040						

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-2018	3 Vanguard Investments Australia Ltd.	BUY	68.03	Ordinary	14,959	14,9
24-Dec-2018	3 Vanguard Investments Australia Ltd.	SELL	67.56	Ordinary	(6,121)	(6,1
	Vanguard Investments Australia Ltd.	BUY	68.03	,	29,776	29,7
	3 Vanguard Investments Australia Ltd.	BUY	70.33	Ordinary	9,828	9,8
	3 Vanguard Investments Australia Ltd.	SELL	72.32	,	(1,137)	(1,1
	3 Vanguard Investments Australia Ltd.	SELL	72.32	Ordinary	(16,074)	(16,0
<u></u>	Vanguard Investments Australia Ltd.	SELL	70.97	,	(3,554)	(3,5
	Vanguard Investments Australia Ltd.	SELL	72.47	Ordinary	(3,199)	(3,1
	Vanguard Investments Australia Ltd.	BUY	72.47	Ordinary	16,360	16,3
	Vanguard Investments Australia Ltd.	BUY	72.45	Ordinary	594	5
	Vanguard Investments Australia Ltd.	BUY	72.45	Ordinary	6,056	6,0
	Vanguard Investments Australia Ltd.	BUY	71.66	,	19,704	19,7
	Vanguard Investments Australia Ltd.	BUY	71.73	Ordinary	28,946	28,9
	Vanguard Investments Australia Ltd.	BUY	73.24	,	1,622	1,6
	Vanguard Investments Australia Ltd.	BUY	73.13	,	2,024	2,0
	Vanguard Investments Australia Ltd.	BUY	73.24	,	3,097	3,0
	Vanguard Investments Australia Ltd.	BUY	73.24	,	25,935	25,9
	Vanguard Investments Australia Ltd.	SELL	73.05	Ordinary	(18,624)	(18,6
	Vanguard Investments Australia Ltd.	BUY	73.05	Ordinary	4,599	4,
	Vanguard Investments Australia Ltd.	SELL	72.18	,	(8,718)	(8,
	Vanguard Investments Australia Ltd.	SELL	72.00	Ordinary	(6,723)	(6,
	Vanguard Investments Australia Ltd.	SELL	72.51	Ordinary	(8,815)	(8,
	Vanguard Investments Australia Ltd.	BUY	71.34	/	32,526	32,
	Vanguard Investments Australia Ltd.	BUY	71.24	,	6,572	6,
	Vanguard Investments Australia Ltd.	BUY	71.23	Ordinary	32,539	32,
	Vanguard Investments Australia Ltd.	SELL	69.88	Ordinary	(3,207)	(3,
	Vanguard Investments Australia Ltd.	BUY	69.76	,	53,231	53,
	Vanguard Investments Australia Ltd.	SELL	73.60	Ordinary	(3,691)	(3,
	Vanguard Investments Australia Ltd.	SELL	73.60	,	(115,010)	(115,
	Vanguard Investments Australia Ltd.	SELL	73.33	Ordinary	(11,066)	(11,
	Vanguard Investments Australia Ltd.	SELL	73.33	Ordinary	(6,452)	(6,
	Vanguard Investments Australia Ltd.	BUY	71.21	Ordinary	69,835	69,
	Vanguard Investments Australia Ltd.	SELL	70.81	Ordinary	(445)	(*
	Vanguard Investments Australia Ltd.	SELL	70.81	Ordinary	(5,797)	(5,
	Vanguard Investments Australia Ltd.	BUY	71.67	Ordinary	18,106	18,
	Vanguard Investments Australia Ltd.	SELL	71.66	Ordinary	(9,808)	(9,
	Vanguard Investments Australia Ltd.	BUY	73.85	Ordinary	6,463	6,
	Vanguard Investments Australia Ltd.	BUY	73.76	Ordinary	52,000	52,
	Vanguard Investments Australia Ltd.	BUY	73.15	,	20,186	20,
	Vanguard Investments Australia Ltd.	BUY	73.15	Ordinary	16,500	16,
	Vanguard Investments Australia Ltd.	BUY	73.87	Ordinary	3,017	3,
	Vanguard Investments Australia Ltd.	BUY	73.87	Ordinary	1,253	1,
	Vanguard Investments Australia Ltd.	BUY	74.06	,	105,728	105,
	Vanguard Investments Australia Ltd.	BUY		Ordinary	733	
	Vanguard Investments Australia Ltd.	BUY	74.68	,	6,906	6,
	Vanguard Investments Australia Ltd.	SELL	73.15		(4,962)	(4,
	Vanguard Investments Australia Ltd.	SELL	73.13	,	(12,536)	
	Vanguard Investments Australia Ltd.	BUY	72.31		15,219	
	Vanguard Investments Australia Ltd.	BUY	72.31	,	35,456	
	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	1,249	1,
	Vanguard Investments Australia Ltd.	BUY	72.31	,	2,912	2,
	Vanguard Investments Australia Ltd.	SELL	72.31	,	(11,829)	
	Vanguard Investments Australia Ltd.	SELL	72.31	,	(11,914)	
	Vanguard Investments Australia Ltd.	BUY	72.31		7,379	7,
	Vanguard Investments Australia Ltd.	BUY	72.31		17,196	17,
	Vanguard Investments Australia Ltd.	BUY	72.31	,	1,195	1,
	Vanguard Investments Australia Ltd.	BUY	72.31		2,786	2,
	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	12,498	12,
	Vanguard Investments Australia Ltd.	BUY	72.31		29,124	29,
	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	4,086	4,
15-Mar-2019	O Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	9,526	9,
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	9,915	9,
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	23,102	23,
19-Mar-2019	Vanguard Investments Australia Ltd.	SELL	71.33	Ordinary	(4,290)	(4,
19-Mar-2019	Vanguard Investments Australia Ltd.	BUY	71.33	Ordinary	185	
21-Mar-2019	Vanguard Investments Australia Ltd.	SELL	71.13	Ordinary	(8,323)	(8,
21-Mar-2019	Vanguard Investments Australia Ltd.	BUY	71.13	Ordinary	19,616	19,
	Vanguard Investments Australia Ltd.	BUY	71.43	Ordinary	23,925	23,

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
29-Mar-2019	Vanguard Investments Australia Ltd.	SELL	70.64	Ordinary	(1,244)	(1,2
	Vanguard Investments Australia Ltd.	SELL	70.64	,	(22,819)	(22,8
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.36	Ordinary	46,933	46,9
	Vanguard Investments Australia Ltd.	BUY	71.36	,	5,133	5,1
1-Apr-2019	Vanguard Investments Australia Ltd.	SELL	71.36	Ordinary	(95,151)	(95,2
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.36	Ordinary	2,581	2,
1-Apr-2019	Vanguard Investments Australia Ltd.	SELL	71.36	Ordinary	(2,062)	(2,
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.36	Ordinary	46,284	46,
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.97	Ordinary	19,586	19,
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.97	Ordinary	2,564	2,
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.97	Ordinary	4,933	4,
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.97	Ordinary	46,643	46,
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.38	Ordinary	7,740	7,
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.38	Ordinary	11,473	11,
3-Apr-2019	Vanguard Investments Australia Ltd.	SELL	71.39	Ordinary	(1,304)	(1,
	Vanguard Investments Australia Ltd.	SELL	71.39	Ordinary	(2,343)	(2,
	Vanguard Investments Australia Ltd.	SELL	70.89	Ordinary	(2,204)	(2,
	Vanguard Investments Australia Ltd.	BUY	70.67	Ordinary	13,096	13,
	Vanguard Investments Australia Ltd.	BUY	70.25		523,034	523,
	Vanguard Investments Australia Ltd.	SELL	70.25	Ordinary	(4,067)	(4,
	Vanguard Investments Australia Ltd.	SELL	70.25	Ordinary	(2,758)	(4,
	Vanguard Investments Australia Ltd.	BUY	70.26	,	26,085	26
	Vanguard Investments Australia Ltd.	SELL		,		
	0	BUY	71.63	Ordinary	(4,757)	(4)
	Vanguard Investments Australia Ltd.			,	102,696	102,
	Vanguard Investments Australia Ltd.	SELL	73.41	Ordinary	(2,507)	(2)
	Vanguard Investments Australia Ltd.	SELL	74.20	Ordinary	(5,702)	(5,
	Vanguard Investments Australia Ltd.	BUY	74.52	Ordinary	19,656	19,
,	Vanguard Investments Australia Ltd.	BUY	75.50	Ordinary	5,234	5,
,	Vanguard Investments Australia Ltd.	BUY	75.51	Ordinary	32,527	32,
1-May-2019	Vanguard Investments Australia Ltd.	BUY	75.50	Ordinary	6,755	6,
1-May-2019	Vanguard Investments Australia Ltd.	BUY	75.51	Ordinary	42,002	42,
1-May-2019	Vanguard Investments Australia Ltd.	BUY	75.50	Ordinary	12,653	12
1-May-2019	Vanguard Investments Australia Ltd.	BUY	75.51	Ordinary	78,679	78
3-May-2019	Vanguard Investments Australia Ltd.	SELL	75.08	Ordinary	(2,564)	(2,
7-May-2019	Vanguard Investments Australia Ltd.	SELL	74.61	Ordinary	(4,626)	(4
10-May-2019	Vanguard Investments Australia Ltd.	BUY	75.08	Ordinary	5,473	5,
10-May-2019	Vanguard Investments Australia Ltd.	BUY	75.08	Ordinary	2,606	2,
10-May-2019	Vanguard Investments Australia Ltd.	BUY	75.08	Ordinary	3,353	3,
10-May-2019	Vanguard Investments Australia Ltd.	BUY	75.40	Ordinary	14,760	14,
14-May-2019	Vanguard Investments Australia Ltd.	SELL	72.57	Ordinary	(5,270)	(5,
15-May-2019	Vanguard Investments Australia Ltd.	SELL	72.47	Ordinary	(7,780)	(7,
16-May-2019	Vanguard Investments Australia Ltd.	BUY	73.22	Ordinary	40,148	40,
17-May-2019	Vanguard Investments Australia Ltd.	BUY	72.82	Ordinary	1,149	1,
	Vanguard Investments Australia Ltd.	BUY	72.82	Ordinary	20,643	20
,	Vanguard Investments Australia Ltd.	BUY	72.83		16,490	16
	Vanguard Investments Australia Ltd.	BUY	78.97		16,460	16,
,	Vanguard Investments Australia Ltd.	BUY	78.89	· · · ·	14,610	10,
	Vanguard Investments Australia Ltd.	SELL	78.15	,	(1,066)	(1
,	Vanguard Investments Australia Ltd.	SELL	77.64	· · · ·	(36,004)	
1	Vanguard Investments Australia Ltd.	SELL	77.64	Ordinary	(4,023)	(36,
1	Vanguard Investments Australia Ltd.	SELL	78.07	Ordinary	(4,023)	(4)
,	Vanguard Investments Australia Ltd.	BUY	78.07	Ordinary	16,370	16
,	0					
	Vanguard Investments Australia Ltd.	SELL	77.51	Ordinary	(8,064)	(8)
1	Vanguard Investments Australia Ltd.	SELL	78.20		(454)	
	Vanguard Investments Australia Ltd.	BUY	78.20	Ordinary	100,865	100
	Vanguard Investments Australia Ltd.	SELL	77.91	Ordinary	(31,931)	(31)
	Vanguard Investments Australia Ltd.	SELL	77.91	Ordinary	(17,076)	(17)
	Vanguard Investments Australia Ltd.	BUY	77.88	Ordinary	1,138	1,
	Vanguard Investments Australia Ltd.	BUY	78.42		90,655	90,
	Vanguard Investments Australia Ltd.	BUY	78.42	Ordinary	16,370	16,
	Vanguard Investments Australia Ltd.	BUY	79.39	,	3,230	3
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	4,154	4
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	3,230	3,
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	19,644	19,
7-Jun-2019	Vanguard Investments Australia Ltd.	SELL	80.00		(1,281)	(1,
	Vanguard Investments Australia Ltd.	BUY	80.00	· · · ·	4,853	4,
	Vanguard Investments Australia Ltd.	BUY	80.00	· · · ·	2,419	2,
	Vanguard Investments Australia Ltd.	BUY	79.73	Ordinary	80,550	80

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-Jun-2019	9 Vanguard Investments Australia Ltd.	SELL	80.95	Ordinary	(3,849)	(3,84
11-Jun-2019	9 Vanguard Investments Australia Ltd.	BUY	80.95	,	4,845	4,84
	9 Vanguard Investments Australia Ltd.	BUY	80.14	· · · ·	56,358	56,35
	9 Vanguard Investments Australia Ltd.	BUY	80.42	Ordinary	3,230	3,23
	9 Vanguard Investments Australia Ltd.	BUY	80.19	,	13,096	13,09
	9 Vanguard Investments Australia Ltd. 9 Vanguard Investments Australia Ltd.	SELL SELL	82.01	Ordinary Ordinary	(14,736) (9,029)	(14,73) (9,02
<u></u>	Vanguard Investments Australia Ltd.	BUY	82.44	,	(9,029)	(9,02
	9 Vanguard Investments Australia Ltd.	BUY	82.24	,	9,559	9,55
	9 Vanguard Investments Australia Ltd.	BUY	82.24	,	16	5,5
	9 Vanguard Investments Australia Ltd.	BUY	82.24		1,786	1,7
	9 Vanguard Investments Australia Ltd.	BUY	82.24	,	110	1
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	12,230	12,2
21-Jun-2019	Vanguard Investments Australia Ltd.	SELL	82.24	Ordinary	(3,134)	(3,1
21-Jun-2019	9 Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	5,112	5,1
21-Jun-2019	9 Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	46	
21-Jun-2019	9 Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	10	
21-Jun-2019	9 Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	1,190	1,1
21-Jun-2019	9 Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	228	2
	9 Vanguard Investments Australia Ltd.	BUY	82.24	,	25,416	25,4
	9 Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	4,839	4,8
	9 Vanguard Investments Australia Ltd.	SELL	82.21	Ordinary	(132,633)	(132,6
	9 Vanguard Investments Australia Ltd.	BUY	82.24	,	9,822	9,8
	9 Vanguard Investments Australia Ltd.	BUY	82.24	,	769	7
	9 Vanguard Investments Australia Ltd.	BUY	82.24	,	85,815	85,8
	9 Vanguard Investments Australia Ltd.	SELL	82.38	Ordinary	(37,216)	(37,2
	9 Vanguard Investments Australia Ltd.	BUY SELL	82.19 83.00	,	4,599	4,5
	Vanguard Investments Australia Ltd.	BUY	83.00	· · · ·	(14,957)	(14,9
	9 Vanguard Investments Australia Ltd. 9 Vanguard Investments Australia Ltd.	BUY	83.00	Ordinary Ordinary	6,144 11,487	11,4
	9 Vanguard Investments Australia Ltd.	SELL	83.00	Ordinary	(642)	(6
	9 Vanguard Investments Australia Ltd.	SELL	82.78	,	(19,105)	(19,1
	9 Vanguard Investments Australia Ltd.	BUY	81.05	Ordinary	4,548	4,5
	9 Vanguard Investments Australia Ltd.	BUY	81.05		19,512	19,5
	9 Vanguard Investments Australia Ltd.	BUY	82.26	Ordinary	14,695	14,6
	9 Vanguard Investments Australia Ltd.	BUY	81.28	Ordinary	9,096	9,0
8-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.28	Ordinary	9,762	9,7
9-Jul-2019	9 Vanguard Investments Australia Ltd.	BUY	80.97	Ordinary	9,762	9,7
9-Jul-2019	Vanguard Investments Australia Ltd.	BUY	80.97	Ordinary	20,181	20,1
11-Jul-2019	9 Vanguard Investments Australia Ltd.	BUY	81.30	Ordinary	3,103	3,1
11-Jul-2019	9 Vanguard Investments Australia Ltd.	BUY	81.24	Ordinary	9,762	9,7
12-Jul-2019	9 Vanguard Investments Australia Ltd.	SELL	81.55	Ordinary	(2,819)	(2,8
15-Jul-2019	9 Vanguard Investments Australia Ltd.	BUY	81.13	Ordinary	2,844	2,8
	9 Vanguard Investments Australia Ltd.	BUY	81.13	Ordinary	34,779	34,7
	9 Vanguard Investments Australia Ltd.	BUY	81.06	Ordinary	4,548	4,5
	9 Vanguard Investments Australia Ltd.	BUY	80.92	· · · ·	24,406	24,4
	9 Vanguard Investments Australia Ltd.	BUY	80.92	,	12,904	12,9
	9 Vanguard Investments Australia Ltd.	BUY	80.92	· · · ·	3,073	3,0
	9 Vanguard Investments Australia Ltd.	BUY	80.85	,	19,524	19,5
	9 Vanguard Investments Australia Ltd.	BUY	80.85		24,770	24,
	9 Vanguard Investments Australia Ltd.	SELL	81.32	· · · ·	(10,534)	(10,5
	9 Vanguard Investments Australia Ltd.	SELL	81.38	,	(7,549)	(7,5
	Vanguard Investments Australia Ltd.	SELL	82.09	,	(6,021)	(6,0
	Vanguard Investments Australia Ltd.	BUY SELL	82.09		16,744	16,7
	9 Vanguard Investments Australia Ltd. 9 Vanguard Investments Australia Ltd.	BUY	81.85 81.85	· · · ·	(1,085,175) 4,548	(1,085,2
	Vanguard Investments Australia Ltd.	SELL	81.85		4,548 (4,681)	4,9
	Vanguard Investments Australia Ltd.	BUY	81.55	Ordinary	7,467	7,4
	Vanguard Investments Australia Ltd.	SELL	82.35	,	(4,039)	
	Vanguard Investments Australia Ltd.	BUY	82.00		17,897	17,8
	9 Vanguard Investments Australia Ltd.	BUY	83.40	Ordinary	4,548	4,5
	9 Vanguard Investments Australia Ltd.	SELL	82.30		(10,571)	(10,5
, e	9 Vanguard Investments Australia Ltd.	SELL	81.88	,	(12,983)	(10,
	9 Vanguard Investments Australia Ltd.	SELL	79.80		(4,231)	(4,2
-	9 Vanguard Investments Australia Ltd.	BUY	79.80		6,064	6,0
· · · · · ·	9 Vanguard Investments Australia Ltd.	BUY	79.80	Ordinary	14,661	14,6
ž	9 Vanguard Investments Australia Ltd.	BUY	79.80		14,661	14,6
*	9 Vanguard Investments Australia Ltd.	BUY	79.80	,	20,388	20,3

ate 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-Aug-2019	Vanguard Investments Australia Ltd.	BUY	78.70	Ordinary	10,612	10,6
7-Aug-2019	Vanguard Investments Australia Ltd.	BUY	78.70	Ordinary	19,397	19,3
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	78.96	Ordinary	17,919	17,9
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	78.96	Ordinary	31,527	31,
9-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.42	Ordinary	300	
9-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.42	Ordinary	11,984	11,
12-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.94	Ordinary	17,908	17,
•	Vanguard Investments Australia Ltd.	SELL	79.46	Ordinary	(3,870)	(3,
13-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.46	Ordinary	5,433	5,
	Vanguard Investments Australia Ltd.	BUY	76.63	,	4,218	4,
*	Vanguard Investments Australia Ltd.	BUY	76.63	Ordinary	6,088	6,
0	Vanguard Investments Australia Ltd.	BUY	76.63	,	2,949	2,
*	Vanguard Investments Australia Ltd.	BUY	76.63	Ordinary	29,319	29
· · · · ·	Vanguard Investments Australia Ltd.	BUY	74.34	Ordinary	6,084	6,
*	Vanguard Investments Australia Ltd.	BUY	75.12	Ordinary	27,038	27,
· · · ·	Vanguard Investments Australia Ltd.	BUY	76.29	Ordinary	30,675	30,
*	Vanguard Investments Australia Ltd.	BUY	77.13	,	7,501	7,
0	Vanguard Investments Australia Ltd.	SELL	77.13	,	(7,189)	(7,
	Vanguard Investments Australia Ltd.	BUY	77.13	Ordinary	13,857	13,
•	Vanguard Investments Australia Ltd.	BUY	77.02	,	4,569	4
0	Vanguard Investments Australia Ltd.	BUY	77.02	Ordinary	11,021	11
	Vanguard Investments Australia Ltd.	BUY	77.10	,	302	
· · · ·	Vanguard Investments Australia Ltd.	BUY	77.10	Ordinary	2,771	2
	Vanguard Investments Australia Ltd.	BUY	77.10	Ordinary	20,624	20
	Vanguard Investments Australia Ltd.	BUY	77.15	,	710	
0	Vanguard Investments Australia Ltd.	SELL	77.12	Ordinary	(238)	
· · · ·	Vanguard Investments Australia Ltd.	BUY	77.15	,	21,143	21
	Vanguard Investments Australia Ltd.	BUY	76.80	Ordinary	20,531	20
	Vanguard Investments Australia Ltd.	BUY	77.41	Ordinary	4,587	4
	Vanguard Investments Australia Ltd.	BUY	79.05	Ordinary	5,788	5
	Vanguard Investments Australia Ltd.	BUY	78.94	Ordinary	36,058	36
	Vanguard Investments Australia Ltd.	BUY	78.78		340	
	Vanguard Investments Australia Ltd.	BUY	78.82	Ordinary	155,237	155
	Vanguard Investments Australia Ltd.	BUY	78.78	Ordinary	360	
	Vanguard Investments Australia Ltd.	BUY	78.02	Ordinary	21,923	21
	Vanguard Investments Australia Ltd.	BUY	78.69	Ordinary	6,132	6
	Vanguard Investments Australia Ltd.	BUY	79.25	,	419	
	Vanguard Investments Australia Ltd.	BUY	79.25	Ordinary	6,152	6
	Vanguard Investments Australia Ltd.	BUY	79.25	Ordinary	19,172	19
	Vanguard Investments Australia Ltd.	BUY	79.25	Ordinary	36,598	36
	Vanguard Investments Australia Ltd.	SELL	79.54	Ordinary	(4,450)	(4
	Vanguard Investments Australia Ltd.	BUY	79.81	Ordinary	6,152	6
	Vanguard Investments Australia Ltd.	SELL	79.81	,	(10,767)	(10
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(938)	
	Vanguard Investments Australia Ltd.	BUY	82.14		6,313	6
	Vanguard Investments Australia Ltd.	SELL	82.14	Ordinary	(9,884)	(9
	Vanguard Investments Australia Ltd.	BUY	82.24		31,236	31
	Vanguard Investments Australia Ltd.	SELL	81.74		(7,713)	(7
	Vanguard Investments Australia Ltd.	BUY	82.18		4,617	4
	Vanguard Investments Australia Ltd.	SELL	82.18		(9,869)	(9
	Vanguard Investments Australia Ltd.	BUY	82.18	Ordinary	12,368	12
	Vanguard Investments Australia Ltd.	SELL	82.19		(1,614)	(1
	Vanguard Investments Australia Ltd.	SELL	82.19		(34,279)	(34
	Vanguard Investments Australia Ltd.	BUY	82.18		7,423	7
	Vanguard Investments Australia Ltd.	SELL	82.19		(1,127)	(1
	Vanguard Investments Australia Ltd.	SELL	82.19	Ordinary	(10,538)	(10
	Vanguard Investments Australia Ltd.	BUY	82.18		16,450	16
	Vanguard Investments Australia Ltd.	BUY	82.05		24,465	24
	Vanguard Investments Australia Ltd.	BUY	82.10		3,104	3
	Vanguard Investments Australia Ltd.	SELL	81.58	Ordinary	(6,259)	(6
	Vanguard Investments Australia Ltd.	BUY	81.58	Ordinary	22,848	22
	Vanguard Investments Australia Ltd.	BUY	81.54		10,745	10
	Vanguard Investments Australia Ltd.	BUY	81.54	Ordinary	6,140	6
	Vanguard Investments Australia Ltd.	BUY	81.54		19,572	19
	Vanguard Investments Australia Ltd.	SELL	80.83	,	(1,322)	(1
30-Sep-2019	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL	80.83	Ordinary	(25,127)	(25
		BUY	81.28	Ordinary	6,317	6

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
	19 Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	6,963	6,9
	19 Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	24,115	24,1
	19 Vanguard Investments Australia Ltd.	BUY	79.60	Ordinary	30,590	30,5
	19 Vanguard Investments Australia Ltd.	SELL	79.60	Ordinary	(38,640)	(38,6
	19 Vanguard Investments Australia Ltd.	BUY	77.72	Ordinary	24,526	24,5
	19 Vanguard Investments Australia Ltd.	BUY	77.34	Ordinary	9,060	9,0
	19 Vanguard Investments Australia Ltd.	BUY	77.59	Ordinary	906	9
	19 Vanguard Investments Australia Ltd.	BUY	77.59	Ordinary	25,009	25,0
	19 Vanguard Investments Australia Ltd.	BUY	77.59	Ordinary	7,143	7,:
	19 Vanguard Investments Australia Ltd.	BUY	77.59	Ordinary	27,353	27,3
	19 Vanguard Investments Australia Ltd.	BUY	77.94	Ordinary	40,000	40,
	19 Vanguard Investments Australia Ltd.	BUY	78.18	Ordinary	7,545	7,
	19 Vanguard Investments Australia Ltd.	BUY	78.10	Ordinary	1,587	1,
	19 Vanguard Investments Australia Ltd.	BUY	78.10	Ordinary	5,036	5,
	19 Vanguard Investments Australia Ltd.	BUY	78.77	Ordinary	8,364	8,
	19 Vanguard Investments Australia Ltd.	BUY	78.77	Ordinary	12,880	12,
	19 Vanguard Investments Australia Ltd.	BUY	79.07	Ordinary	233,767	233,
	19 Vanguard Investments Australia Ltd.	SELL	79.07	Ordinary	(6,000)	(6,
	19 Vanguard Investments Australia Ltd.	SELL	79.07	Ordinary	(2,459)	(2,
	19 Vanguard Investments Australia Ltd.	BUY	80.43	Ordinary	277,025	277,
	19 Vanguard Investments Australia Ltd.	BUY	80.11	Ordinary	2,913	2,
	19 Vanguard Investments Australia Ltd.	BUY	80.11	Ordinary	685	
	19 Vanguard Investments Australia Ltd.	BUY	80.11	Ordinary	6,040	6,
	19 Vanguard Investments Australia Ltd.	BUY	79.64	Ordinary	4,530	4,
	19 Vanguard Investments Australia Ltd.	SELL	79.64	Ordinary	(1,061)	(1,
	19 Vanguard Investments Australia Ltd.	BUY	79.64	Ordinary	16,100	16,
	19 Vanguard Investments Australia Ltd.	BUY	79.41	Ordinary	56,034	56,
	19 Vanguard Investments Australia Ltd.	BUY	79.66	Ordinary	21,143	21,
	19 Vanguard Investments Australia Ltd.	BUY	79.66	,	16,100	16,
	19 Vanguard Investments Australia Ltd.	BUY	79.66	Ordinary	4,005	4,
	19 Vanguard Investments Australia Ltd.	BUY	79.94	Ordinary	18,219	18,
	19 Vanguard Investments Australia Ltd.	BUY	79.94	Ordinary	8,378	8,
	19 Vanguard Investments Australia Ltd.	SELL	80.29	Ordinary	(2,967)	(2,
	19 Vanguard Investments Australia Ltd.	BUY	80.48	Ordinary	16,100	16,
	19 Vanguard Investments Australia Ltd.	BUY	79.69	Ordinary	56,022	56,
	19 Vanguard Investments Australia Ltd.	BUY	79.69	Ordinary	4,530	4,
	19 Vanguard Investments Australia Ltd.	BUY	79.69	Ordinary	6,040	6,
	19 Vanguard Investments Australia Ltd.	BUY	79.65	Ordinary	42,744	42,
	19 Vanguard Investments Australia Ltd.	SELL	78.66	Ordinary	(7,194)	(7,
	19 Vanguard Investments Australia Ltd.	BUY	78.66	Ordinary	38,592	38,
	19 Vanguard Investments Australia Ltd.	BUY	78.58	Ordinary	42,473	42,
	19 Vanguard Investments Australia Ltd.	SELL	78.66	Ordinary	(19,296)	(19,
1-Nov-20	19 Vanguard Investments Australia Ltd.	SELL	78.22	Ordinary	(210,583)	(210,
1-Nov-20	19 Vanguard Investments Australia Ltd.	BUY	78.24	Ordinary	6,036	6,
	19 Vanguard Investments Australia Ltd.	BUY	78.24		4,527	4,
	19 Vanguard Investments Australia Ltd.	BUY	78.24	Ordinary	22,011	22,
	19 Vanguard Investments Australia Ltd.	SELL	76.97	Ordinary	(290,673)	
	19 Vanguard Investments Australia Ltd.	BUY	77.05		37,861	37,
	19 Vanguard Investments Australia Ltd.	SELL	77.70		(5,678)	(5,
	19 Vanguard Investments Australia Ltd.	SELL	77.70	Ordinary	(69,205)	(69,
	19 Vanguard Investments Australia Ltd.	BUY	77.70	Ordinary	6,036	6,
	19 Vanguard Investments Australia Ltd.	BUY	77.70	Ordinary	19,284	19,
7-Nov-20	19 Vanguard Investments Australia Ltd.	SELL	79.04	Ordinary	(23,544)	(23,
	19 Vanguard Investments Australia Ltd.	BUY	79.04		6,028	6,
	19 Vanguard Investments Australia Ltd.	SELL	79.04	,	(8,559)	(8,
	19 Vanguard Investments Australia Ltd.	BUY	79.04	,	13,745	13,
11-Nov-20	19 Vanguard Investments Australia Ltd.	SELL	80.05	Ordinary	(6,131)	(6,
	19 Vanguard Investments Australia Ltd.	BUY	80.02	Ordinary	42,845	42,
12-Nov-20	19 Vanguard Investments Australia Ltd.	SELL	80.83	Ordinary	(7,615)	(7,
12-Nov-20	19 Vanguard Investments Australia Ltd.	BUY	80.83	Ordinary	4,542	4,
12-Nov-20	19 Vanguard Investments Australia Ltd.	BUY	80.83	Ordinary	17,765	17,
13-Nov-20	19 Vanguard Investments Australia Ltd.	SELL	79.24	Ordinary	(1,217)	(1
13-Nov-20	19 Vanguard Investments Australia Ltd.	BUY	79.24	Ordinary	4,651	4,
13-Nov-20	19 Vanguard Investments Australia Ltd.	BUY	79.24	Ordinary	4,848	4,
	19 Vanguard Investments Australia Ltd.	BUY	79.77	Ordinary	34,714	34,
	19 Vanguard Investments Australia Ltd.	BUY	79.77	Ordinary	4,214	4,
	19 Vanguard Investments Australia Ltd.	BUY	80.69		6,072	6,
	19 Vanguard Investments Australia Ltd.	SELL	80.67	Ordinary	(2,620)	

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
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	80.67	Ordinary	21,073	21,07
	Vanguard Investments Australia Ltd.	BUY	79.60	Ordinary	11,340	11,34
21-Nov-2019	Vanguard Investments Australia Ltd.	SELL	79.33	Ordinary	(4,939)	(4,93
	Vanguard Investments Australia Ltd.	SELL	79.33	,	(2,338)	(2,33
	Vanguard Investments Australia Ltd.	BUY	79.33	Ordinary	6,072	6,07
	Vanguard Investments Australia Ltd.	BUY	79.33	Ordinary	34,041	34,04
	Vanguard Investments Australia Ltd.	BUY	79.60	Ordinary	6,321	6,32
	Vanguard Investments Australia Ltd.	BUY	79.60	Ordinary	4,554	4,55
	Vanguard Investments Australia Ltd.	BUY	79.60	Ordinary	37,575	37,57
	Vanguard Investments Australia Ltd.	BUY	79.89	Ordinary	3,056	3,0
	Vanguard Investments Australia Ltd.	BUY	79.89	Ordinary	33,000	33,0
	Vanguard Investments Australia Ltd.	SELL	80.74	,	(16,099)	(16,0)
	Vanguard Investments Australia Ltd.	SELL	80.74	Ordinary	(633)	(6
	Vanguard Investments Australia Ltd.	BUY	81.69	,	31,917	31,9
	Vanguard Investments Australia Ltd.	SELL	81.60	Ordinary	(510)	(5
	Vanguard Investments Australia Ltd.	BUY	81.60	Ordinary	4,554	4,5
	Vanguard Investments Australia Ltd.	BUY	80.82	Ordinary	19,440	19,4
	Vanguard Investments Australia Ltd.	BUY	81.43	Ordinary	86,165	86,1
	Vanguard Investments Australia Ltd.	BUY	79.34	,	9,108	9,1
	Vanguard Investments Australia Ltd.	BUY	79.34	Ordinary	24,886	24,8
	Vanguard Investments Australia Ltd.	BUY	77.81	Ordinary	7,590	7,5
	Vanguard Investments Australia Ltd.	BUY	77.81	Ordinary	35,618	35,6
	Vanguard Investments Australia Ltd.	BUY	78.62	Ordinary	17,834	17,8
	Vanguard Investments Australia Ltd.	BUY	78.99	,	16,626	16,6
	Vanguard Investments Australia Ltd.	BUY	79.26	Ordinary	6,300	6,3
	Vanguard Investments Australia Ltd.	BUY	79.26	Ordinary	6,072	6,0
	Vanguard Investments Australia Ltd.	BUY	79.26	,	19,416	19,4
	Vanguard Investments Australia Ltd.	BUY	80.31	Ordinary	34,978	34,9
	Vanguard Investments Australia Ltd.	SELL	79.72	1	(648)	(6
	Vanguard Investments Australia Ltd.	BUY	80.06	Ordinary	6,072	6,0
	Vanguard Investments Australia Ltd.	BUY	80.06	Ordinary	16,200	16,2
	Vanguard Investments Australia Ltd.	SELL	81.90	,	(10,500)	(10,5
	Vanguard Investments Australia Ltd.	BUY	81.90	Ordinary	22,680	22,6
	Vanguard Investments Australia Ltd.	BUY	81.92	Ordinary	24,313	24,3
	Vanguard Investments Australia Ltd.	BUY	82.25	Ordinary	6,468	6,4
	Vanguard Investments Australia Ltd.	BUY	82.25	Ordinary	18,521	18,5
	Vanguard Investments Australia Ltd.	BUY BUY	81.25	,	1,138	1,1
	Vanguard Investments Australia Ltd.	BUY	81.25 81.25	Ordinary	4,000	4,0
	Vanguard Investments Australia Ltd.		-	,	-	
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY BUY	81.25 81.25	Ordinary Ordinary	4,053 6,068	4,0
		BUY	81.25	Ordinary	40,156	40,1
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	81.25	Ordinary	40,158	40,1
	Vanguard Investments Australia Ltd.	BUY BUY		Ordinary Ordinary	12,944 50,886	12,9
	Vanguard Investments Australia Ltd.	SELL	80.93	,		
	Vanguard Investments Australia Ltd.	BUY	79.90		(9,647)	(9,6
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	79.90 79.88	,	8,090 6,068	8,0
	Vanguard Investments Australia Ltd.	BUY	79.88	,		
	Vanguard Investments Australia Ltd.	SELL	80.31	Ordinary	19,272	19,2 (118,5
	0	BUY	79.44		(118,574)	
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	6,829	6,8 9,6
	0	BUY	81.20		9,636	
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	81.16 80.90	,	31,524 24,090	31,5
	Vanguard Investments Australia Ltd.	SELL	-	,		(12,8
		SELL	81.49 82.48		(12,848)	(12,6
	Vanguard Investments Australia Ltd.	BUY		1	(4,796)	
	Vanguard Investments Australia Ltd.		82.48		24,105	24,
	Vanguard Investments Australia Ltd.	BUY	83.33		19,979	19,
	Vanguard Investments Australia Ltd.	BUY	83.17		8,340	8,
	Vanguard Investments Australia Ltd.	SELL	83.17		(8,340)	(8,3
	Vanguard Investments Australia Ltd.	SELL	83.66		(13,614)	(13,0
	Vanguard Investments Australia Ltd.	SELL	83.22	Ordinary	(177)	(1
	Vanguard Investments Australia Ltd.	BUY	83.64		43,696	43,
	Vanguard Investments Australia Ltd.	BUY	84.46		5,441	5,4
	Vanguard Investments Australia Ltd.	BUY	84.05		4,551	4,5
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL BUY	83.48 83.48		(16,046)	(16,0
	ny anguaro investments Australia 110	IDUI	I × 18	Urdinary	24,105	24,1

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
) Vanguard Investments Australia Ltd.	SELL	84.94	Ordinary	(5,066)	(5,06
) Vanguard Investments Australia Ltd.	BUY	84.61	Ordinary	6,068	6,06
) Vanguard Investments Australia Ltd.	BUY	85.44	Ordinary	24,120	24,12
) Vanguard Investments Australia Ltd.	BUY	85.33	Ordinary	22,978	22,97
) Vanguard Investments Australia Ltd.	SELL	84.54	Ordinary	(13,972)	(13,97
) Vanguard Investments Australia Ltd.	SELL	84.55	Ordinary	(5,491)	(5,49
) Vanguard Investments Australia Ltd.	BUY	83.28	Ordinary	2,085	2,08
7-Feb-202) Vanguard Investments Australia Ltd.	BUY	84.80	Ordinary	16,090	16,09
) Vanguard Investments Australia Ltd.	BUY	84.72	Ordinary	32,140	32,14
11-Feb-202) Vanguard Investments Australia Ltd.	BUY	84.66	Ordinary	56,840	56,84
) Vanguard Investments Australia Ltd.	SELL	88.18	Ordinary	(17,202)	(17,20
13-Feb-202) Vanguard Investments Australia Ltd.	SELL	88.73	Ordinary	(7,585)	(7,58
	Vanguard Investments Australia Ltd.	SELL	89.43	Ordinary	(107)	(10
17-Feb-202) Vanguard Investments Australia Ltd.	SELL	89.46	Ordinary	(30,345)	(30,34
17-Feb-2020) Vanguard Investments Australia Ltd.	SELL	89.46	Ordinary	(6,258)	(6,25
17-Feb-2020) Vanguard Investments Australia Ltd.	SELL	89.46	Ordinary	(7,808)	(7,80
) Vanguard Investments Australia Ltd.	BUY	90.26	Ordinary	2,086	2,08
19-Feb-2020) Vanguard Investments Australia Ltd.	BUY	87.83	Ordinary	175	1
19-Feb-202) Vanguard Investments Australia Ltd.	BUY	87.83	Ordinary	2,032	2,03
25-Feb-202) Vanguard Investments Australia Ltd.	BUY	86.80	Ordinary	97	
26-Feb-202) Vanguard Investments Australia Ltd.	BUY	85.35	Ordinary	25,888	25,88
27-Feb-202) Vanguard Investments Australia Ltd.	BUY	84.43	Ordinary	125,728	125,72
28-Feb-202) Vanguard Investments Australia Ltd.	SELL	81.78	Ordinary	(2,067)	(2,0
28-Feb-202) Vanguard Investments Australia Ltd.	SELL	81.78	Ordinary	(20,676)	(20,6
28-Feb-202) Vanguard Investments Australia Ltd.	SELL	81.78	Ordinary	(415)	(4
28-Feb-202) Vanguard Investments Australia Ltd.	BUY	81.78	Ordinary	24,285	24,2
2-Mar-202) Vanguard Investments Australia Ltd.	SELL	80.47	Ordinary	(14,342)	(14,3
2-Mar-202) Vanguard Investments Australia Ltd.	BUY	80.47	Ordinary	199	1
3-Mar-202	Vanguard Investments Australia Ltd.	BUY	79.11	Ordinary	4,590	4,5
3-Mar-202) Vanguard Investments Australia Ltd.	BUY	79.11	Ordinary	43,794	43,7
4-Mar-2020) Vanguard Investments Australia Ltd.	BUY	77.11	Ordinary	90	
4-Mar-202) Vanguard Investments Australia Ltd.	BUY	77.11	Ordinary	6,120	6,1
4-Mar-2020) Vanguard Investments Australia Ltd.	BUY	77.11	Ordinary	27,591	27,5
5-Mar-2020) Vanguard Investments Australia Ltd.	BUY	76.75	Ordinary	3,801	3,8
5-Mar-202) Vanguard Investments Australia Ltd.	SELL	76.75	Ordinary	(6,330)	(6,3
5-Mar-202) Vanguard Investments Australia Ltd.	BUY	76.75	Ordinary	889	8
5-Mar-202	Vanguard Investments Australia Ltd.	BUY	76.75	Ordinary	6,156	6,1
5-Mar-2020) Vanguard Investments Australia Ltd.	BUY	76.75	Ordinary	16,630	16,6
5-Mar-202) Vanguard Investments Australia Ltd.	BUY	76.75	Ordinary	11,186	11,1
9-Mar-202) Vanguard Investments Australia Ltd.	SELL	69.15	Ordinary	(4,976)	(4,9
9-Mar-202) Vanguard Investments Australia Ltd.	SELL	69.15	Ordinary	(100)	(1
9-Mar-202	Vanguard Investments Australia Ltd.	BUY	69.15	Ordinary	7,695	7,6
9-Mar-202	Vanguard Investments Australia Ltd.	BUY	69.15	Ordinary	9,234	9,2
9-Mar-202) Vanguard Investments Australia Ltd.	BUY	69.15	Ordinary	1,821	1,8
9-Mar-202	Vanguard Investments Australia Ltd.	BUY	69.15	Ordinary	57,015	57,0
9-Mar-202	Vanguard Investments Australia Ltd.	BUY	69.15	Ordinary	69,546	69,5
10-Mar-202	Vanguard Investments Australia Ltd.	BUY	73.37	Ordinary	29,353	29,3
10-Mar-202	Vanguard Investments Australia Ltd.	SELL	73.37	Ordinary	(836)	(8
10-Mar-202	Vanguard Investments Australia Ltd.	SELL	73.37	Ordinary	(3,386)	(3,3
	Vanguard Investments Australia Ltd.	BUY	73.37		86,799	86,7
11-Mar-202	Vanguard Investments Australia Ltd.	BUY	68.50	Ordinary	58	
	Vanguard Investments Australia Ltd.	BUY	71.39	· · · ·	9,044	9,0
	Vanguard Investments Australia Ltd.	BUY	68.50		213	2
	Vanguard Investments Australia Ltd.	BUY	68.50	· · · ·	13,851	13,8
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	68.50	-	9,234	9,2
	Vanguard Investments Australia Ltd.	BUY	68.50		40,800	40,8
) Vanguard Investments Australia Ltd.	BUY	68.50	· · · ·	32,640	32,6
) Vanguard Investments Australia Ltd.	SELL	63.11	Ordinary	(10,412)	
	Vanguard Investments Australia Ltd.	BUY	63.11		2,106	2,1
	Vanguard Investments Australia Ltd.	BUY	63.11	-	6,156	6,1
	Vanguard Investments Australia Ltd.	BUY	63.11	Ordinary	48,960	48,9
	Vanguard Investments Australia Ltd.	BUY	63.11	-	27,744	48,3
	Vanguard Investments Australia Ltd.	BUY	63.11	Ordinary	175,949	175,9
	· · ·	SELL	66.36			
	Vanguard Investments Australia Ltd.				(1,424)	(1,4
	Vanguard Investments Australia Ltd.	BUY	66.36	· · · ·	63,912	63,9
	Vanguard Investments Australia Ltd.	SELL	66.36		(1,171)	(1,1
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL SELL	66.36	Ordinary	(639)	(6

Date of chang	e	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
	13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	66.36	Ordinary	12,312	12,312
	13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	66.36	Ordinary	9,330	9,330
		Vanguard Investments Australia Ltd.	BUY	66.36	Ordinary	48,960	48,960
		Vanguard Investments Australia Ltd.	BUY	66.36	,	106,736	106,736
		Vanguard Investments Australia Ltd.	SELL BUY	59.72 59.72	Ordinary	(5,828)	(5,828
~		Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	61.10	Ordinary Ordinary	57,120 6,401	57,120 6,401
Ц		Vanguard Investments Australia Ltd.	BUY	67.64	Ordinary	2,106	2,106
		Vanguard Investments Australia Ltd.	BUY	67.64	Ordinary	12,312	12,312
		Vanguard Investments Australia Ltd.	BUY	67.64	Ordinary	9,234	9,234
		Vanguard Investments Australia Ltd.	BUY	67.64	Ordinary	5,222	5,222
	17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	67.64	Ordinary	40,725	40,725
	18-Mar-2020	Vanguard Investments Australia Ltd.	SELL	63.95	Ordinary	(10,871)	(10,871
	18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	63.95	Ordinary	48,840	48,840
	18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	63.95	Ordinary	70,917	70,917
	19-Mar-2020	Vanguard Investments Australia Ltd.	SELL	60.95	Ordinary	(4,533)	(4,533
		Vanguard Investments Australia Ltd.	BUY	60.72	Ordinary	872	872
		Vanguard Investments Australia Ltd.	BUY	60.95	Ordinary	4,620	4,620
		Vanguard Investments Australia Ltd.	BUY	60.95	Ordinary	37,467	37,467
		Vanguard Investments Australia Ltd.	SELL	59.91	Ordinary	(4,292)	(4,292
		Vanguard Investments Australia Ltd.	SELL	59.91	Ordinary	(2,991)	(2,991
		Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL BUY	59.91 59.91	Ordinary Ordinary	(9,622) 50,499	(9,622 50,499
		Vanguard Investments Australia Ltd.	BUY	54.26		2,325	2,325
		Vanguard Investments Australia Ltd.	BUY	54.20	Ordinary	22,820	22,820
		Vanguard Investments Australia Ltd.	BUY	57.00	Ordinary	5,790	5,790
		Vanguard Investments Australia Ltd.	BUY	57.00	Ordinary	81	81
		Vanguard Investments Australia Ltd.	BUY	61.80	Ordinary	186	186
		Vanguard Investments Australia Ltd.	BUY	61.80	Ordinary	24,405	24,40
	27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	45,233	45,233
	27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	59.02	Ordinary	3	1
	27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	6,893	6,893
		Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	57,513	57,513
		Vanguard Investments Australia Ltd.	BUY	59.02	Ordinary	4	4
		Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	22,392	22,392
		Vanguard Investments Australia Ltd.	BUY	59.02	Ordinary	2	
		Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	5,717	5,71
		Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY BUY	58.47 58.47	Ordinary	4,696 6,581	4,69
		Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary Ordinary	60,579	6,583 60,579
		Vanguard Investments Australia Ltd.	BUY	59.02	Ordinary	4	00,575
		Vanguard Investments Australia Ltd.	BUY	57.66	Ordinary	40,700	40,700
		Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	84,783	84,783
		Vanguard Investments Australia Ltd.	BUY	59.02	Ordinary	6	
		Vanguard Investments Australia Ltd.	SELL	57.66		(43,956)	(43,956
	31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	61.82	Ordinary	(165,562)	(165,56)
	31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	61.82	Ordinary	4,212	4,212
	31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	61.82	Ordinary	(1,672)	(1,672
		Vanguard Investments Australia Ltd.	SELL	61.82		(35,015)	(35,015
		Vanguard Investments Australia Ltd.	BUY	61.82	Ordinary	32,560	32,560
		Vanguard Investments Australia Ltd.	BUY	63.67	Ordinary	20,904	20,904
		Vanguard Investments Australia Ltd.	SELL	61.24		(1,156)	(1,156
		Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL	61.24	,	(583)	(58
			BUY BUY	61.24 61.24		6,052 24,090	6,052 24,090
		Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL	60.11	Ordinary	(12,719)	(12,719
		Vanguard Investments Australia Ltd.	SELL	60.11	/	(12,713)	(12,71
		Vanguard Investments Australia Ltd.	BUY	60.11	Ordinary	13,224	13,22
		Vanguard Investments Australia Ltd.	BUY	62.47	,	203	20
		Vanguard Investments Australia Ltd.	BUY	61.87	Ordinary	6,219	6,219
		Vanguard Investments Australia Ltd.	BUY	61.87	Ordinary	6,052	6,05
	· · ·	Vanguard Investments Australia Ltd.	BUY	61.87	Ordinary	56,175	56,17
		Vanguard Investments Australia Ltd.	SELL	59.81	Ordinary	(162)	(16
	9-Apr-2020	Vanguard Investments Australia Ltd.	SELL	61.76	Ordinary	(96,752)	(96,75
	9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	61.76		4,148	4,148
	9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	61.76	Ordinary	6,052	6,052
	9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	61.76	Ordinary	54,536	54,530
	14-Apr-2020	Vanguard Investments Australia Ltd.	SELL	62.75	Ordinary	(90,162)	(90,16)

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
15-Apr-2020	Vanguard Investments Australia Ltd.	BUY	62.07	Ordinary	32,100	32,10
20-Apr-2020	Vanguard Investments Australia Ltd.	SELL	59.88	Ordinary	(1,897)	(1,89
20-Apr-2020	Vanguard Investments Australia Ltd.	SELL	59.88	Ordinary	(398)	(39
20-Apr-2020	Vanguard Investments Australia Ltd.	BUY	59.88	Ordinary	4,530	4,53
20-Apr-2020	Vanguard Investments Australia Ltd.	BUY	59.88	Ordinary	6,040	6,04
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	60.05	Ordinary	6,492	6,49
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	58.63	Ordinary	32,080	32,08
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	58.63	Ordinary	27,268	27,26
22-Apr-2020	Vanguard Investments Australia Ltd.	SELL	59.30	Ordinary	(191,089)	(191,08
22-Apr-2020	Vanguard Investments Australia Ltd.	BUY	59.25	Ordinary	115	11
22-Apr-2020	Vanguard Investments Australia Ltd.	BUY	59.25	Ordinary	6,040	6,04
23-Apr-2020	Vanguard Investments Australia Ltd.	SELL	58.74	Ordinary	(203,243)	(203,24
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	58.83	Ordinary	6,040	6,04
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	58.83	Ordinary	6,860	6,86
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	58.83	Ordinary	24,030	24,03
24-Apr-2020	Vanguard Investments Australia Ltd.	SELL	58.88	Ordinary	(11,118)	(11,12
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	58.61	Ordinary	(1,771)	(1,7)
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	58.61	Ordinary	(267)	(26
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	58.61	Ordinary	(1,126)	(1,12
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	58.61	Ordinary	(646)	(64
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	58.61	Ordinary	6,040	6,04
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	58.61	Ordinary	28,818	28,8
29-Apr-2020	Vanguard Investments Australia Ltd.	SELL	61.07	Ordinary	(1,487)	(1,4
29-Apr-2020	Vanguard Investments Australia Ltd.	SELL	61.07	Ordinary	(13,659)	(13,6
30-Apr-2020	Vanguard Investments Australia Ltd.	SELL	62.69	Ordinary	(9,752)	(9,7
1-May-2020	Vanguard Investments Australia Ltd.	SELL	58.84	Ordinary	(2,240)	(2,2
1-May-2020	Vanguard Investments Australia Ltd.	BUY	58.84	Ordinary	188	1
1-May-2020	Vanguard Investments Australia Ltd.	SELL	58.84	Ordinary	(16,299)	(16,2
1-May-2020	Vanguard Investments Australia Ltd.	SELL	58.84	Ordinary	(533)	(5
,	Vanguard Investments Australia Ltd.	BUY	58.84	Ordinary	24,015	24,0
,	Vanguard Investments Australia Ltd.	BUY	58.84	Ordinary	32,020	32,0
,	Vanguard Investments Australia Ltd.	BUY	59.88	Ordinary	6,024	6,0
	Vanguard Investments Australia Ltd.	BUY	59.88	Ordinary	44,828	44,8
,	Vanguard Investments Australia Ltd.	SELL	60.85	Ordinary	(2,267)	(2,2
,	Vanguard Investments Australia Ltd.	SELL	60.85	Ordinary	(148)	(1
	Vanguard Investments Australia Ltd.	SELL	60.85	Ordinary	(10,453)	(10,4
,	Vanguard Investments Australia Ltd.	SELL	60.85	Ordinary	(2,054)	(2,0
,	Vanguard Investments Australia Ltd.	SELL	60.85	Ordinary	(3,327)	(3,3
,	Vanguard Investments Australia Ltd.	BUY	60.35	Ordinary	6,024	6,0
,	Vanguard Investments Australia Ltd.	BUY	59.60	Ordinary	1,592	1,5
1	Vanguard Investments Australia Ltd.	BUY	59.71	Ordinary	2,056	2,0
	Vanguard Investments Australia Ltd.	BUY	59.71	Ordinary	6,024	6,0
	Vanguard Investments Australia Ltd.	BUY	59.71	,	22,274	22,2
	Vanguard Investments Australia Ltd.	BUY		Ordinary	23,865	23,8
	Vanguard Investments Australia Ltd.	BUY	59.60	,	4,112	4,1
	Vanguard Investments Australia Ltd.	BUY	59.65		31,820	31,8
,	Vanguard Investments Australia Ltd.	BUY	60.07	Ordinary	25,456	25,4
	Vanguard Investments Australia Ltd.	BUY	58.70	Ordinary	22,605	22,6
1	Vanguard Investments Australia Ltd.	BUY	58.70	<i>i</i>	19,092	19,0
	Vanguard Investments Australia Ltd.	BUY	58.99	,	5,674	5,6
1	Vanguard Investments Australia Ltd.	BUY	58.99	,	1,743	1,7
,	Vanguard Investments Australia Ltd.	BUY	58.99	,	6,028	6,0
	Vanguard Investments Australia Ltd.	BUY	58.99	Ordinary	15,910	15,9
,	Vanguard Investments Australia Ltd.	SELL	61.31	<i>i</i>	(11,609)	(11,6
	-	BUY				198,8
	Vanguard Investments Australia Ltd.		61.31	<i>i</i>	198,802	,
1	Vanguard Investments Australia Ltd.	BUY	61.31		23,865	23,8
,	Vanguard Investments Australia Ltd.	BUY	64.30	<i>i</i>	193,591	193,5
,	Vanguard Investments Australia Ltd.	SELL	65.73	Ordinary	(176)	(1
	Vanguard Investments Australia Ltd.	SELL	65.73		(1,196)	(1,1
	Vanguard Investments Australia Ltd.	BUY	65.73	,	4,114	4,1
	Vanguard Investments Australia Ltd.	SELL	65.73		(81,730)	(81,7
,	Vanguard Investments Australia Ltd.	SELL	63.75	Ordinary	(8,129)	(8,1
	Vanguard Investments Australia Ltd.	BUY	63.88	Ordinary	8,963	8,9
29-May-2020	Vanguard Investments Australia Ltd.	BUY	63.75	Ordinary	23,850	23,8
1-Jun-2020	Vanguard Investments Australia Ltd.	SELL	63.78	Ordinary	(156)	(1
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	64.03	Ordinary	(15,704)	(15,7
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	64.03	Ordinary	(589)	(5
	Vanguard Investments Australia Ltd.	SELL	64.03	Ordinary	(145)	

Page 57 of 67

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
2-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	64.03	Ordinary	(19,580)	(19,5
3-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	66.11	Ordinary	6,028	6,0
4-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	67.66	Ordinary	(47,514)	(47,5
5-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	68.73	Ordinary	23,835	23,8
	20 Vanguard Investments Australia Ltd.	BUY	68.73	Ordinary	19,068	19,0
	20 Vanguard Investments Australia Ltd.	SELL	68.73	Ordinary	(30,039)	(30,0
9-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	71.00	Ordinary	6,240	6,
	20 Vanguard Investments Australia Ltd.	BUY	72.20	Ordinary	6,028	6,
10-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	71.60	Ordinary	(39,260)	(39,
11-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	68.44	Ordinary	(2,656)	(2,
11-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	68.44	Ordinary	2,071	2,
11-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	68.44	Ordinary	4,328	4,
11-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	68.44	Ordinary	23,820	23,
12-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	67.32	Ordinary	1,912	1,
15-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	66.30	Ordinary	31,760	31,
16-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	69.09	Ordinary	15,870	15,
17-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	69.59	Ordinary	23,820	23,
19-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(5,524)	(5,
19-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(1,533)	(1,
	20 Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(10,783)	(10,
	20 Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(10,703)	(10,
	20 Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(5,263)	(5,
	20 Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(1,575)	(1,
	20 Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(1,390)	(11,
	20 Vanguard Investments Australia Ltd.	BUY	68.68	Ordinary	280,851	280,
	0	BUY	68.68	Ordinary	3,176	280,
	20 Vanguard Investments Australia Ltd.	SELL		,	,	,
	20 Vanguard Investments Australia Ltd.		69.55	,	(13,439)	(13,
	20 Vanguard Investments Australia Ltd.	SELL	69.03	Ordinary	(26,826)	(26,
	20 Vanguard Investments Australia Ltd.	SELL	69.24	,	(9,474)	(9,
	20 Vanguard Investments Australia Ltd.	BUY	69.24	Ordinary	4,116	4,
	20 Vanguard Investments Australia Ltd.	SELL	67.65	Ordinary	(2,915)	(2,
	20 Vanguard Investments Australia Ltd.	BUY	67.65	,	13,064	13,
	20 Vanguard Investments Australia Ltd.	BUY	67.65	Ordinary	36,294	36,
26-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	69.27	Ordinary	(4,213)	(4,
26-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	69.27	Ordinary	(76)	
26-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	69.27	Ordinary	(563)	(
26-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	69.27	Ordinary	(8,719)	(8,
26-Jun-20	20 Vanguard Investments Australia Ltd.	SELL	69.27	Ordinary	(17,419)	(17,
29-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	68.58	Ordinary	130	
29-Jun-20	20 Vanguard Investments Australia Ltd.	BUY	68.58	Ordinary	2,210	2,
3-Jul-20	20 Vanguard Investments Australia Ltd.	SELL	71.57	Ordinary	(8,618)	(8,
6-Jul-20	20 Vanguard Investments Australia Ltd.	SELL	71.42	Ordinary	(172)	(
7-Jul-20	20 Vanguard Investments Australia Ltd.	SELL	71.24	Ordinary	(31,361)	(31,
8-Jul-20	20 Vanguard Investments Australia Ltd.	SELL	70.56	Ordinary	(1,170,448)	(1,170,
	20 Vanguard Investments Australia Ltd.	SELL	70.42		(3,468)	(3,
	20 Vanguard Investments Australia Ltd.	BUY	70.63	Ordinary	2,160	2,
	20 Vanguard Investments Australia Ltd.	BUY	70.63		16,523	16,
	20 Vanguard Investments Australia Ltd.	BUY	70.03	,	4,320	4
	20 Vanguard Investments Australia Ltd.	SELL	72.12	,	(5,100)	(5
	20 Vanguard Investments Australia Ltd. 20 Vanguard Investments Australia Ltd.	SELL	71.73	,	(5,100)	(5,
	20 Vanguard Investments Australia Ltd.	SELL		Ordinary	,	
	~ ~		72.64	,	(8,140)	(8)
	20 Vanguard Investments Australia Ltd.	SELL	72.64		(14,166)	(14,
	20 Vanguard Investments Australia Ltd.	SELL	72.60	Ordinary	(11,129)	
	20 Vanguard Investments Australia Ltd.	SELL	74.43		(4,512)	(4
	20 Vanguard Investments Australia Ltd.	SELL	74.43	Ordinary	(8,085)	(8)
	20 Vanguard Investments Australia Ltd.	BUY	72.86	,	54,326	54
	20 Vanguard Investments Australia Ltd.	BUY	72.21	Ordinary	9,717	9
	20 Vanguard Investments Australia Ltd.	SELL	73.01	Ordinary	(10,800)	(10,
	20 Vanguard Investments Australia Ltd.	BUY	73.22		20,449	20,
	20 Vanguard Investments Australia Ltd.	BUY	71.20	,	30,885	30,
3-Aug-20	20 Vanguard Investments Australia Ltd.	BUY	69.93	Ordinary	4,685	4,
4-Aug-20	20 Vanguard Investments Australia Ltd.	SELL	71.50	Ordinary	(3,352)	(3)
4-Aug-20	20 Vanguard Investments Australia Ltd.	SELL	71.50	Ordinary	(3,473)	(3)
5-Aug-20	20 Vanguard Investments Australia Ltd.	SELL	71.70	Ordinary	(11,337)	(11,
· ·	20 Vanguard Investments Australia Ltd.	BUY	71.70	Ordinary	23,580	23,
	20 Vanguard Investments Australia Ltd.	BUY	71.52	Ordinary	31,440	31,
· ·	20 Vanguard Investments Australia Ltd.	SELL	74.34		(2,818)	(2,
12 7.06 20	20 Vanguard Investments Australia Ltd.	BUY	74.34	,	26,774	(2,

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
12-Aug-2020	Vanguard Investments Australia Ltd.	BUY	74.34	Ordinary	24,736	24,7
13-Aug-2020	Vanguard Investments Australia Ltd.	SELL	72.50	Ordinary	(222)	(2
17-Aug-2020	Vanguard Investments Australia Ltd.	SELL	70.76	Ordinary	(4,607)	(4,6
·	Vanguard Investments Australia Ltd.	SELL	71.04	Ordinary	(168)	(1
· · · · ·	Vanguard Investments Australia Ltd.	SELL	70.26	Ordinary	(10,282)	(10,2
	Vanguard Investments Australia Ltd.	BUY	70.45	Ordinary	116	1
*	Vanguard Investments Australia Ltd.	BUY	70.45	Ordinary	23,595	23,5
ž	Vanguard Investments Australia Ltd.	SELL	68.37	Ordinary	(3,263)	(3,2
	Vanguard Investments Australia Ltd.	SELL	68.37	Ordinary	(184)	(1
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.79	Ordinary	6,560	6,5
	Vanguard Investments Australia Ltd.	BUY	66.79	Ordinary	25,248	25,2
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.79	Ordinary	2,731	2,
2-Sep-2020	Vanguard Investments Australia Ltd.	SELL	67.61	Ordinary	(5,273)	(5,
	Vanguard Investments Australia Ltd.	BUY	68.18	Ordinary	116	
	Vanguard Investments Australia Ltd.	SELL	68.18	Ordinary	(2,930)	(2,
	Vanguard Investments Australia Ltd.	SELL	66.73	Ordinary	(1,910)	(1,
	Vanguard Investments Australia Ltd.	SELL	66.73	Ordinary	(12,727)	(12,
4-Sep-2020	Vanguard Investments Australia Ltd.	SELL	66.73	Ordinary	(1,500)	(1,
4-Sep-2020	Vanguard Investments Australia Ltd.	SELL	66.73	Ordinary	(17,335)	(17,
4-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.73	Ordinary	4,661	4,
7-Sep-2020	Vanguard Investments Australia Ltd.	SELL	67.37	Ordinary	(3,412)	(3,
7-Sep-2020	Vanguard Investments Australia Ltd.	BUY	67.37	Ordinary	20,540	20,
8-Sep-2020	Vanguard Investments Australia Ltd.	BUY	67.87	Ordinary	5,928	5,
9-Sep-2020	Vanguard Investments Australia Ltd.	SELL	66.79	Ordinary	(7,129)	(7,
9-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.79	Ordinary	28,458	28,
10-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.72	Ordinary	1,237	1,
15-Sep-2020	Vanguard Investments Australia Ltd.	BUY	65.03	Ordinary	6,576	6,
16-Sep-2020	Vanguard Investments Australia Ltd.	BUY	65.70	Ordinary	7,905	7,
17-Sep-2020	Vanguard Investments Australia Ltd.	BUY	65.00	Ordinary	6,576	6,
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(15,254)	(15,
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(5,549)	(5,
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(64,720)	(64,
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(289)	(
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(20,375)	(20,
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(5,446)	(5,
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(7,924)	(7,
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(54,947)	(54,
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.37	Ordinary	3,741	3,
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.37	Ordinary	12,640	12,
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.37	Ordinary	7,900	7,
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.37	Ordinary	23,638	23,
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.37	Ordinary	300	
21-Sep-2020	Vanguard Investments Australia Ltd.	BUY	63.50	Ordinary	4,674	4,
21-Sep-2020	Vanguard Investments Australia Ltd.	BUY	63.50	Ordinary	551	
23-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.27	Ordinary	(9,444)	(9,
24-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.20	Ordinary	6,642	6,
25-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.13	Ordinary	15,570	15,
28-Sep-2020	Vanguard Investments Australia Ltd.	BUY	65.49	Ordinary	6,556	6,
29-Sep-2020	Vanguard Investments Australia Ltd.	BUY	65.02	Ordinary	4,677	4,
30-Sep-2020	Vanguard Investments Australia Ltd.	SELL	63.61	Ordinary	(25,294)	(25,
30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	63.61	Ordinary	15,580	15,
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	63.77	Ordinary	26,694	26,
	Vanguard Investments Australia Ltd.	BUY	63.77	Ordinary	369	,
	Vanguard Investments Australia Ltd.	BUY	63.77	Ordinary	20,306	20
	Vanguard Investments Australia Ltd.	BUY	63.77	Ordinary	7,494	7,
	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	23,205	23,
	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	1,285	1,
	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	11,834	11,
	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	3,971	3,
	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	1,661	1,
	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	17,082	17,
	Vanguard Investments Australia Ltd.	BUY	66.15	Ordinary	15,470	15,
	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	12,148	12,
	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	500	12,
	Vanguard Investments Australia Ltd.	BUY	66.15	Ordinary	1,020	1,
	Vanguard Investments Australia Ltd.	BUY	66.75	Ordinary	1,020	1,
	Vanguard Investments Australia Ltd.	BUY	66.75	· · · ·	1,293	1,
7-011-2020	vanguaru mvestments Australia Ltu.	501	00.75	Grundly	11,902	11,

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-Oct-2020	Vanguard Investments Australia Ltd.	BUY	66.75	Ordinary	1,670	1,6
	Vanguard Investments Australia Ltd.	BUY	66.75	,	17,179	17,1
	Vanguard Investments Australia Ltd.	BUY	66.75	Ordinary	12,218	12,2
	Vanguard Investments Australia Ltd.	BUY	66.75	Ordinary	502	5
	Vanguard Investments Australia Ltd.	SELL	68.11	Ordinary	(11,925)	(11,9
	Vanguard Investments Australia Ltd.	BUY	67.71	Ordinary	6,484	6,4
	Vanguard Investments Australia Ltd.	BUY	68.61	Ordinary	2,368	2,3
	Vanguard Investments Australia Ltd.	BUY	69.38	Ordinary	15,470	15,4
	Vanguard Investments Australia Ltd.	SELL	69.38	Ordinary	(23,825)	(23,8
19-Oct-2020	Vanguard Investments Australia Ltd.	SELL	70.01	Ordinary	(104,713)	(104,7
19-Oct-2020	Vanguard Investments Australia Ltd.	SELL	70.01	Ordinary	(2,438)	(2,4
20-Oct-2020	Vanguard Investments Australia Ltd.	BUY	69.14	Ordinary	6,480	6,4
20-Oct-2020	Vanguard Investments Australia Ltd.	SELL	69.14	Ordinary	(32,191)	(32,2
20-Oct-2020	Vanguard Investments Australia Ltd.	BUY	69.14	Ordinary	88,350	88,3
22-Oct-2020	Vanguard Investments Australia Ltd.	BUY	69.33	Ordinary	540	!
23-Oct-2020	Vanguard Investments Australia Ltd.	BUY	69.90	Ordinary	15,490	15,4
26-Oct-2020	Vanguard Investments Australia Ltd.	BUY	69.71	Ordinary	3,816	3,
	Vanguard Investments Australia Ltd.	BUY	68.75	Ordinary	147,000	147,
	Vanguard Investments Australia Ltd.	SELL	68.45	Ordinary	(22,820)	(22,
	Vanguard Investments Australia Ltd.	SELL	68.45	Ordinary	(17,030)	(17,
	Vanguard Investments Australia Ltd.	BUY	68.45	Ordinary	15,490	15,
	Vanguard Investments Australia Ltd.	BUY	68.13	Ordinary	9,501	9,
	Vanguard Investments Australia Ltd.	BUY	68.13	Ordinary	4,577	4,
	Vanguard Investments Australia Ltd.	BUY	68.14	Ordinary	6,480	4,
	Vanguard Investments Australia Ltd.	BUY	68.14	Ordinary	44,535	44,
	Vanguard Investments Australia Ltd.	BUY	68.14	Ordinary	11,970	44,
	Vanguard Investments Australia Ltd.	BUY	69.14		68,413	68,
		BUY		,		
	Vanguard Investments Australia Ltd.		69.15	Ordinary	32,958	32,
	Vanguard Investments Australia Ltd.	SELL	69.02	Ordinary	(4,196)	(4,
	Vanguard Investments Australia Ltd.	BUY	69.02	Ordinary	33,819	33,
	Vanguard Investments Australia Ltd.	BUY	68.58	Ordinary	4,303	4,
	Vanguard Investments Australia Ltd.	BUY	68.58	Ordinary	8,239	8,
	Vanguard Investments Australia Ltd.	BUY	69.82	Ordinary	15,490	15,
	Vanguard Investments Australia Ltd.	SELL	69.82	Ordinary	(37,595)	(37,
	Vanguard Investments Australia Ltd.	BUY	68.41	Ordinary	23,235	23,
4-Nov-2020	Vanguard Investments Australia Ltd.	BUY	68.41	Ordinary	2,089	2,
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	68.62	Ordinary	3,497	3,
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	69.67	Ordinary	3,098	3,
9-Nov-2020	Vanguard Investments Australia Ltd.	SELL	70.31	Ordinary	(112)	(
9-Nov-2020	Vanguard Investments Australia Ltd.	SELL	70.31	Ordinary	(7,135)	(7,
9-Nov-2020	Vanguard Investments Australia Ltd.	SELL	70.31	Ordinary	(8,731)	(8,
10-Nov-2020	Vanguard Investments Australia Ltd.	BUY	72.40	Ordinary	26,333	26,
10-Nov-2020	Vanguard Investments Australia Ltd.	SELL	72.40	Ordinary	(11,823)	(11,
11-Nov-2020	Vanguard Investments Australia Ltd.	SELL	74.40	Ordinary	(22,541)	(22,
	Vanguard Investments Australia Ltd.	BUY	73.07		6,504	6,
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	73.14	Ordinary	88	
	Vanguard Investments Australia Ltd.	BUY	73.14		26,367	26,
	Vanguard Investments Australia Ltd.	BUY	73.14	,	82,203	82,
	Vanguard Investments Australia Ltd.	BUY	75.39		15,520	15,
	Vanguard Investments Australia Ltd.	SELL	75.39	Ordinary	(30,668)	(30,
	Vanguard Investments Australia Ltd.	BUY	78.87	Ordinary	49,128	49,
	Vanguard Investments Australia Ltd.	BUY	80.00		2,400	43,
	Vanguard Investments Australia Ltd.	BUY	80.00	Ordinary	4,800	4,
	Vanguard Investments Australia Ltd.	SELL	79.60		(11,796)	
	Vanguard Investments Australia Ltd.	BUY	79.60		18,648	11,
	Vanguard Investments Australia Ltd.	BUY	82.37	Ordinary	45,066	45,
	Vanguard Investments Australia Ltd.	SELL				
		BUY	81.09	Ordinary	(63,253)	
	Vanguard Investments Australia Ltd.		81.09	Ordinary	236,722	236,
	Vanguard Investments Australia Ltd.	BUY	81.09		6,504	6,
	Vanguard Investments Australia Ltd.	SELL	79.57	Ordinary	(11,951)	(11,
	Vanguard Investments Australia Ltd.	SELL	79.57	Ordinary	(7,261)	(7,
	Vanguard Investments Australia Ltd.	SELL	79.57	Ordinary	(17,517)	(17,
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	79.57	Ordinary	(4,594)	(4,
1-Dec-2020	Vanguard Investments Australia Ltd.	BUY	79.01	Ordinary	146	
1-Dec-2020	Vanguard Investments Australia Ltd.	BUY	80.25	Ordinary	23,310	23,
2-Dec-2020	Vanguard Investments Australia Ltd.	BUY	80.10	Ordinary	24,864	24,
3-Dec-2020	Vanguard Investments Australia Ltd.	SELL	79.56	Ordinary	(154)	(
	Vanguard Investments Australia Ltd.	BUY	79.56		283,092	283

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
3-Dec-202	0 Vanguard Investments Australia Ltd.	BUY	79.56	Ordinary	6,504	6,50
	0 Vanguard Investments Australia Ltd.	BUY	79.56	,	1,199	1,19
	0 Vanguard Investments Australia Ltd.	BUY	79.56	Ordinary	3,472	3,47
	0 Vanguard Investments Australia Ltd.	BUY	80.18	Ordinary	15,530	15,53
	0 Vanguard Investments Australia Ltd.	SELL	80.74	Ordinary	(4,413)	(4,41
	0 Vanguard Investments Australia Ltd.	BUY	83.18	Ordinary	963	96
	0 Vanguard Investments Australia Ltd.	BUY BUY	82.39	Ordinary	20,202	20,20
	0 Vanguard Investments Australia Ltd. 0 Vanguard Investments Australia Ltd.	BUY	82.39 83.07	Ordinary Ordinary	3,594 15,540	3,59 15,54
	0 Vanguard Investments Australia Ltd.	SELL	84.10	Ordinary	(5,102)	(5,10
	0 Vanguard Investments Australia Ltd.	BUY	83.85	Ordinary	15,560	15,56
	0 Vanguard Investments Australia Ltd.	BUY	84.72	Ordinary	6,504	6,50
	0 Vanguard Investments Australia Ltd.	SELL	84.59	Ordinary	(9,553)	(9,55
	0 Vanguard Investments Australia Ltd.	BUY	84.72	Ordinary	20,228	20,22
	0 Vanguard Investments Australia Ltd.	SELL	83.26	, Ordinary	(3,338)	(3,33
	0 Vanguard Investments Australia Ltd.	SELL	83.26	Ordinary	(151)	(15
18-Dec-202	0 Vanguard Investments Australia Ltd.	BUY	83.16	Ordinary	5,715	5,71
18-Dec-202	0 Vanguard Investments Australia Ltd.	SELL	83.26	Ordinary	(322)	(32
18-Dec-202	0 Vanguard Investments Australia Ltd.	BUY	83.16	Ordinary	19,833	19,83
18-Dec-202	0 Vanguard Investments Australia Ltd.	SELL	83.26	Ordinary	(344,245)	(344,24
18-Dec-202	0 Vanguard Investments Australia Ltd.	BUY	83.16	Ordinary	82,965	82,96
18-Dec-202	0 Vanguard Investments Australia Ltd.	SELL	83.26	Ordinary	(3,089)	(3,08
21-Dec-202	0 Vanguard Investments Australia Ltd.	SELL	83.00	Ordinary	(11,224)	(11,22
	0 Vanguard Investments Australia Ltd.	BUY	82.42	Ordinary	31,100	31,10
	0 Vanguard Investments Australia Ltd.	BUY	83.01	Ordinary	1,617	1,63
	0 Vanguard Investments Australia Ltd.	BUY	83.59	Ordinary	118	1:
	0 Vanguard Investments Australia Ltd.	SELL	82.11	Ordinary	(626)	(63
	0 Vanguard Investments Australia Ltd.	BUY	82.11	Ordinary	5,844	5,84
	0 Vanguard Investments Australia Ltd.	SELL	82.11	Ordinary	(15,426)	(15,4)
	1 Vanguard Investments Australia Ltd.	BUY	83.75	Ordinary	201	20
4-Jan-202		BUY	83.75	Ordinary	15,490	15,49
4-Jan-202 5-Jan-202	1 Vanguard Investments Australia Ltd. 1 Vanguard Investments Australia Ltd.	BUY SELL	83.75	Ordinary Ordinary	37,000 (5,378)	37,00
	1 Vanguard Investments Australia Ltd.	BUY	83.23	Ordinary	18,600	18,60
	1 Vanguard Investments Australia Ltd.	BUY	82.90	Ordinary	926	92
12-Jan-202	· · ·	BUY	85.88	Ordinary	2,534	2,53
	1 Vanguard Investments Australia Ltd.	BUY	86.33	Ordinary	24,832	24,83
	1 Vanguard Investments Australia Ltd.	SELL	85.38	Ordinary	(4,047)	(4,04
	1 Vanguard Investments Australia Ltd.	SELL	85.38	Ordinary	(873)	(8)
	1 Vanguard Investments Australia Ltd.	SELL	84.67	Ordinary	(4,388)	(4,38
19-Jan-202	1 Vanguard Investments Australia Ltd.	BUY	85.11	Ordinary	7,755	7,75
19-Jan-202	1 Vanguard Investments Australia Ltd.	BUY	85.11	Ordinary	22,218	22,21
20-Jan-202	1 Vanguard Investments Australia Ltd.	BUY	84.37	Ordinary	2,344	2,34
21-Jan-202	1 Vanguard Investments Australia Ltd.	BUY	85.03	Ordinary	3,406	3,40
25-Jan-202	1 Vanguard Investments Australia Ltd.	SELL	85.27	Ordinary	(9,219)	(9,2
25-Jan-202	1 Vanguard Investments Australia Ltd.	SELL	85.27	Ordinary	(4,805)	(4,80
27-Jan-202	1 Vanguard Investments Australia Ltd.	SELL	86.60	Ordinary	(5,969)	(5,9
	1 Vanguard Investments Australia Ltd.	BUY	86.60	Ordinary	7,590	7,5
	1 Vanguard Investments Australia Ltd.	SELL	85.14		(5,874)	
	1 Vanguard Investments Australia Ltd.	BUY	85.14		20,176	20,1
28-Jan-202		BUY	85.14	Ordinary	70,956	70,9
	1 Vanguard Investments Australia Ltd.	BUY	86.59	Ordinary	21,728	21,7
	1 Vanguard Investments Australia Ltd.	SELL	87.59	Ordinary	(101)	(1
	1 Vanguard Investments Australia Ltd.	BUY	87.59		2,344	2,3
	1 Vanguard Investments Australia Ltd.	BUY SELL	87.06	Ordinary	4,120	4,1
5-Feb-202		BUY	88.64	Ordinary	(3,342) 4,653	(3,3
	1 Vanguard Investments Australia Ltd.	BUY	88.64	Ordinary		4,6
5-Feb-202 8-Feb-202	1 Vanguard Investments Australia Ltd. 1 Vanguard Investments Australia Ltd.	SELL	88.64 88.62	Ordinary Ordinary	6,465 (5,800)	6,4 (5,8
	1 Vanguard Investments Australia Ltd.	BUY	86.12	Ordinary	5,800	5,8
10-Feb-202	· · ·	BUY	86.12	Ordinary	20,150	20,1
10-Feb-202		BUY	86.12	Ordinary	6,691	6,6
	1 Vanguard Investments Australia Ltd.	BUY	87.05	Ordinary	10,843	10,8
	1 Vanguard Investments Australia Ltd.	BUY	86.87	Ordinary	18,512	18,5
	1 Vanguard Investments Australia Ltd.	SELL	86.31	Ordinary	(15,129)	(15,1
	1 Vanguard Investments Australia Ltd.	SELL	85.91	Ordinary	(2,126)	(2,1
	1 Vanguard Investments Australia Ltd.	BUY	85.91	Ordinary	1,453	1,4
	1 Vanguard Investments Australia Ltd.	SELL	85.91	Ordinary	(5,812)	

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
16-Feb-2021	Vanguard Investments Australia Ltd.	BUY	85.91	Ordinary	1,414	1,4
17-Feb-2021	Vanguard Investments Australia Ltd.	BUY	84.28	Ordinary	1,867	1,8
18-Feb-2021	Vanguard Investments Australia Ltd.	SELL	83.62	Ordinary	(4,750)	(4,7
19-Feb-2021	Vanguard Investments Australia Ltd.	BUY	82.51	Ordinary	40,543	40,5
22-Feb-2021	Vanguard Investments Australia Ltd.	SELL	81.90	Ordinary	(51)	(
22-Feb-2021	Vanguard Investments Australia Ltd.	SELL	81.90	Ordinary	(412,384)	(412,3
22-Feb-2021	Vanguard Investments Australia Ltd.	BUY	81.90	Ordinary	15,550	15,5
23-Feb-2021	Vanguard Investments Australia Ltd.	BUY	83.29	Ordinary	5,816	5,8
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	81.56	Ordinary	(13,755)	(13,
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	81.56	Ordinary	135	
	Vanguard Investments Australia Ltd.	SELL	81.64	Ordinary	(3,819)	(3,
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	81.56	Ordinary	(5,024)	(5,
	Vanguard Investments Australia Ltd.	BUY	81.59	Ordinary	215	(-)
	Vanguard Investments Australia Ltd.	BUY	81.56	,	15,570	15,
	Vanguard Investments Australia Ltd.	BUY	81.56	Ordinary	35,075	35,
	Vanguard Investments Australia Ltd.	BUY	81.50	Ordinary	31,200	33,
				,	,	
	Vanguard Investments Australia Ltd.	BUY	85.40	Ordinary	2,013	2,
	Vanguard Investments Australia Ltd.	BUY	86.38	Ordinary	1,122	1,
	Vanguard Investments Australia Ltd.	BUY	86.38	Ordinary	24,265	24,
	Vanguard Investments Australia Ltd.	SELL	86.45	Ordinary	(6,453)	(6,
	Vanguard Investments Australia Ltd.	BUY	86.45	Ordinary	15,650	15,
8-Mar-2021	Vanguard Investments Australia Ltd.	SELL	87.32	Ordinary	(7,811)	(7,
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	87.32	Ordinary	3,543	3,
9-Mar-2021	Vanguard Investments Australia Ltd.	SELL	87.89	Ordinary	(9,170)	(9,
9-Mar-2021	Vanguard Investments Australia Ltd.	BUY	87.89	Ordinary	4,698	4,
10-Mar-2021	Vanguard Investments Australia Ltd.	SELL	86.72	Ordinary	(1,138)	(1,
	Vanguard Investments Australia Ltd.	BUY	86.72	Ordinary	4,413	4,
	Vanguard Investments Australia Ltd.	BUY	86.72	Ordinary	18,792	18,
	Vanguard Investments Australia Ltd.	SELL	86.40	Ordinary	(5,884)	(5,
	Vanguard Investments Australia Ltd.	BUY	86.40	Ordinary	893	(3)
	Vanguard Investments Australia Ltd.	BUY	87.18	Ordinary	1,274	
	0	BUY		,		1,
	Vanguard Investments Australia Ltd.	-	87.11	Ordinary	15,660	
	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(22,648)	(22,
	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(61)	
	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(12,434)	(12,
	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(2,518)	(2,
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(14,150)	(14,
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(3,125)	(3,
19-Mar-2021	Vanguard Investments Australia Ltd.	BUY	84.71	Ordinary	2,361	2,
22-Mar-2021	Vanguard Investments Australia Ltd.	BUY	85.08	Ordinary	5,876	5,
23-Mar-2021	Vanguard Investments Australia Ltd.	BUY	84.26	Ordinary	11,245	11,
24-Mar-2021	Vanguard Investments Australia Ltd.	BUY	86.37	Ordinary	115	
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	85.40	Ordinary	17,127	17,
	Vanguard Investments Australia Ltd.	BUY		Ordinary	20,241	20,
	Vanguard Investments Australia Ltd.	SELL	86.10		(68,733)	
	Vanguard Investments Australia Ltd.	SELL	86.10		(780)	(00)
	Vanguard Investments Australia Ltd.	SELL		· · · ·		
			86.10	,	(10,390)	(10,
	Vanguard Investments Australia Ltd.	BUY	86.10	· · · ·	2,370	2,
	Vanguard Investments Australia Ltd.	IN SPECIE	86.21	Ordinary	(3,172,543)	
1	Vanguard Investments Australia Ltd.	BUY	86.21	Ordinary	5,804	5,
	Vanguard Investments Australia Ltd.	BUY	86.21	Ordinary	17,320	17
	Vanguard Investments Australia Ltd.	BUY	86.03	Ordinary	9,497	9
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.03	Ordinary	4,356	4
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.03	Ordinary	46,169	46
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.03	Ordinary	4,635	4
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.32	Ordinary	24,198	24
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.32	Ordinary	4,330	4
1	Vanguard Investments Australia Ltd.	BUY	86.32	· · · ·	6,057	6,
	Vanguard Investments Australia Ltd.	BUY	86.53	,	18,528	18,
	Vanguard Investments Australia Ltd.	SELL	87.12		(4,210)	(4,
	Vanguard Investments Australia Ltd.	BUY	87.12	· · · ·	4,925	4
		BUY		,		
	Vanguard Investments Australia Ltd.		87.13	,	18,528	18,
	Vanguard Investments Australia Ltd.	BUY	87.13		33,968	33,
,	Vanguard Investments Australia Ltd.	BUY	87.13	· · · ·	11,760	11,
	Vanguard Investments Australia Ltd.	BUY	87.13	· · · ·	3,528	3,
,	Vanguard Investments Australia Ltd.	BUY	86.72	· · · ·	4,356	4,
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	87.80	Ordinary	3,525	3,
	Vanguard Investments Australia Ltd.	BUY	87.80	Ordinary	1,175	

Page 62 of 67

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
14-Apr-202	Vanguard Investments Australia Ltd.	BUY	87.80	Ordinary	2,350	2,35
	Vanguard Investments Australia Ltd.	BUY	88.84	Ordinary	6,360	6,36
	Vanguard Investments Australia Ltd.	SELL	87.74	Ordinary	(172)	(17
	Vanguard Investments Australia Ltd.	SELL BUY	87.74 87.74	Ordinary Ordinary	(5,806) 30,880	(5,80 30,88
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	87.74	Ordinary	781	78
	Vanguard Investments Australia Ltd.	BUY	88.17	Ordinary	22,849	22,84
· · · · · · · · · · · · · · · · ·	Vanguard Investments Australia Ltd.	BUY	88.17	Ordinary	5,852	5,85
	Vanguard Investments Australia Ltd.	BUY	88.17	Ordinary	11,495	11,49
21-Apr-202	Vanguard Investments Australia Ltd.	BUY	88.17	Ordinary	28,189	28,1
27-Apr-202	Vanguard Investments Australia Ltd.	BUY	89.33	Ordinary	36,823	36,8
28-Apr-202	Vanguard Investments Australia Ltd.	BUY	90.21	Ordinary	30,576	30,5
	Vanguard Investments Australia Ltd.	BUY	90.21	Ordinary	2,788	2,7
	Vanguard Investments Australia Ltd.	BUY	90.00	Ordinary	17,050	17,0
	Vanguard Investments Australia Ltd.	BUY	90.00	Ordinary	4,704	4,7
	Vanguard Investments Australia Ltd.	BUY	89.04	Ordinary	5,852	5,8
	Vanguard Investments Australia Ltd.	BUY	89.04	Ordinary	14,131	14,1
	Vanguard Investments Australia Ltd.	SELL	89.70	Ordinary	(2,440)	(2,4
	Vanguard Investments Australia Ltd.	BUY	89.70	Ordinary	15,500	15,5
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY BUY	89.70 90.45	Ordinary Ordinary	3,528 4,210	3,5
1	Vanguard Investments Australia Ltd.	BUY	90.43	Ordinary	4,210	4,2
,	Vanguard Investments Australia Ltd.	BUY	92.72	Ordinary	4,439	4,4
1	Vanguard Investments Australia Ltd.	BUY	92.94	Ordinary	23,250	23,2
,	Vanguard Investments Australia Ltd.	BUY	93.92	Ordinary	72,331	72,3
7-May-202	Vanguard Investments Australia Ltd.	BUY	93.92	Ordinary	1,176	1,:
10-May-202	Vanguard Investments Australia Ltd.	BUY	95.15	Ordinary	1,177	1,:
11-May-202	Vanguard Investments Australia Ltd.	BUY	94.58	Ordinary	233	
12-May-202	Vanguard Investments Australia Ltd.	BUY	95.57	Ordinary	5,860	5,8
13-May-2023	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	18,599	18,
,	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	3,786	3,7
,	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	87	
,	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	1,578	1,5
1	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	1,171	1,:
,	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	4,435	4,4
	Vanguard Investments Australia Ltd.	BUY BUY	95.98 95.98	Ordinary	14,669	14,
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary Ordinary	3,540 2,360	3,
,	Vanguard Investments Australia Ltd.	BUY	96.58	Ordinary	12,566	12,
	Vanguard Investments Australia Ltd.	BUY	96.58	Ordinary	21,798	21,
,	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	916	
1	Vanguard Investments Australia Ltd.	SELL	97.79	Ordinary	(19,418)	(19,4
1	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	412	(-)
	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	4,990	4,
	Vanguard Investments Australia Ltd.	BUY	97.79		709	
17-May-202	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	5,888	5,
17-May-202	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	10,901	10,9
17-May-2023	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	18,696	18,
	Vanguard Investments Australia Ltd.	BUY	97.79		23,106	23,
	Vanguard Investments Australia Ltd.	BUY	97.76	Ordinary	17,715	17,
	Vanguard Investments Australia Ltd.	BUY	95.32	Ordinary	20,254	20,
	Vanguard Investments Australia Ltd.	IN SPECIE	98.40	Ordinary	(6,401,497)	(6,401,
,	Vanguard Investments Australia Ltd.	IN SPECIE	98.40	Ordinary	(54,643)	(54,
	Vanguard Investments Australia Ltd.	BUY BUY	98.40		5,888	5,
· · ·	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	98.40	Ordinary Ordinary	3,543 2,179	3,
	Vanguard Investments Australia Ltd.	BUY	98.40 98.05	Ordinary	31,160	2, 31,
,	Vanguard Investments Australia Ltd.	BUY	98.05	Ordinary	1,181	1,
	Vanguard Investments Australia Ltd.	BUY	98.05	,	8,267	1,
	Vanguard Investments Australia Ltd.	BUY	99.63	Ordinary	18,696	18,
· · ·	Vanguard Investments Australia Ltd.	BUY	99.58	Ordinary	1,181	1,
	Vanguard Investments Australia Ltd.	BUY	99.58	Ordinary	4,005	4,
	Vanguard Investments Australia Ltd.	SELL	98.97	Ordinary	(6,816)	(6,
	Vanguard Investments Australia Ltd.	SELL	98.97	Ordinary	(12,150)	(12,
	Vanguard Investments Australia Ltd.	BUY	98.97	Ordinary	4,339	4,
	Vanguard Investments Australia Ltd.	BUY	98.97	Ordinary	4,416	4,
3-Jun-202	Vanguard Investments Australia Ltd.	BUY	101.21	Ordinary	1,181	1,
0.1	Vanguard Investments Australia Ltd.	SELL	101.48	Ordinary	(4,414)	(4,

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-Jun-2021	Vanguard Investments Australia Ltd.	BUY	101.48	Ordinary	2,944	2,94
8-Jun-2021	Vanguard Investments Australia Ltd.	BUY	101.48	Ordinary	18,720	18,72
9-Jun-2021	Vanguard Investments Australia Ltd.	BUY	101.08	Ordinary	18,720	18,72
	Vanguard Investments Australia Ltd.	BUY	101.36	Ordinary	5,888	5,88
15-Jun-2021		BUY	103.45	Ordinary	1,181	1,18
18-Jun-2021	0	SELL	103.69	Ordinary	(3,821)	(3,82
	Vanguard Investments Australia Ltd.	SELL	103.87	Ordinary	(2,962)	(2,9)
18-Jun-2021		SELL	103.87	Ordinary	(420,988)	(420,98
	Vanguard Investments Australia Ltd.	BUY	103.69	Ordinary	5,891	5,89
	Vanguard Investments Australia Ltd.	SELL	100.23	Ordinary	(1,922)	(1,9
22-Jun-2021	0	BUY	100.23	Ordinary	15,580	15,5
	Vanguard Investments Australia Ltd.	BUY	100.23	Ordinary	6,232	6,2
	Vanguard Investments Australia Ltd.	IN SPECIE	99.20	Ordinary	(3,100,565)	(3,100,5
	Vanguard Investments Australia Ltd.	IN SPECIE	99.20	Ordinary	(1,262,146)	(1,262,1
	Vanguard Investments Australia Ltd.	BUY	99.20	Ordinary	2,392	2,3
24-Jun-2021	0	BUY	98.65	Ordinary	5,120	5,1
	Vanguard Investments Australia Ltd.	BUY	98.65	Ordinary	2,392	2,3
24-Jun-2021	Vanguard Investments Australia Ltd.	BUY	98.65	Ordinary	7,254	7,2
29-Jun-2021	Vanguard Investments Australia Ltd.	BUY	100.48	Ordinary	5,128	5,1
29-Jun-2021	Vanguard Investments Australia Ltd.	BUY	100.48	Ordinary	18,744	18,7
1-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.70	Ordinary	5,466	5,4
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.49	Ordinary	7,765	7,7
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.49	Ordinary	39,718	39,7
2-Jul-2023	Vanguard Investments Australia Ltd.	BUY	99.49	Ordinary	3,585	3,5
5-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.18	Ordinary	6,375	6,3
6-Jul-2023	Vanguard Investments Australia Ltd.	BUY	98.62	Ordinary	32,927	32,9
7-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.71	Ordinary	21,756	21,7
8-Jul-2023	Vanguard Investments Australia Ltd.	BUY	99.49	Ordinary	11,853	11,8
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.59	Ordinary	26,418	26,4
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.59	Ordinary	21,756	21,7
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.59	Ordinary	24,147	24,1
12-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.17	Ordinary	2,627	2,6
12-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.17	Ordinary	14,042	14,0
12-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.17	Ordinary	8,807	8,8
13-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.39	Ordinary	9,576	9,5
13-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.39	Ordinary	4,788	4,7
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.29	Ordinary	717	7
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.29	Ordinary	87,895	87,8
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.29	Ordinary	47,174	47,1
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.29	Ordinary	357	3
16-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.19	Ordinary	16,814	16,8
19-Jul-2021	Vanguard Investments Australia Ltd.	SELL	97.68	Ordinary	(4,355)	(4,3
19-Jul-2021	Vanguard Investments Australia Ltd.	BUY	97.68	Ordinary	7,780	7,7
20-Jul-2021	Vanguard Investments Australia Ltd.	SELL	97.61	Ordinary	(2,991)	(2,9
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	97.61	Ordinary	18,672	18,6
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	97.61	Ordinary	24,402	24,4
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	97.61	Ordinary	677	e
21-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.42	Ordinary	5,100	5,1
22-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.88	Ordinary	19,626	19,6
	Vanguard Investments Australia Ltd.	BUY	99.88	Ordinary	8,231	8,2
23-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.12	Ordinary	18,660	18,6
26-Jul-2021	Vanguard Investments Australia Ltd.	SELL	99.14	,	(9,324)	(9,3
28-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.30	Ordinary	197	1
	Vanguard Investments Australia Ltd.	BUY	99.45	,	2,168	2,1
	Vanguard Investments Australia Ltd.	BUY	99.45	-	20,363	20,3
	Vanguard Investments Australia Ltd.	BUY	99.45	Ordinary	1,200	1,:
	Vanguard Investments Australia Ltd.	BUY	99.65		619	
	Vanguard Investments Australia Ltd.	BUY	101.66	Ordinary	429	
÷	Vanguard Investments Australia Ltd.	BUY	101.45	Ordinary	724	-
-	Vanguard Investments Australia Ltd.	BUY	101.45	Ordinary	21,756	21,
-	Vanguard Investments Australia Ltd.	BUY	101.45	Ordinary	15,326	15,3
	Vanguard Investments Australia Ltd.	BUY	101.45	Ordinary	213	10,
÷	Vanguard Investments Australia Ltd.	BUY	101.45	Ordinary	3,600	3,0
	Vanguard Investments Australia Ltd.	BUY	103.75	Ordinary	1,185	1,2
· · · · · · · · · · · · · · · · · · ·	Vanguard Investments Australia Ltd.	BUY	103.75	Ordinary	2,627	2,6
° °	Vanguard Investments Australia Ltd.	BUY	103.75	Ordinary	17,002	17,0
	Vanguard Investments Australia Ltd.	BUY	103.75	Ordinary	5,100	5,1
0-Aug-202.	wanguara myesunenis Australia Liu.	BUY	103.75	,	52,890	52,8

ate 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
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	103.75	Ordinary	4,800	4,8
9-Aug-2021	Vanguard Investments Australia Ltd.	BUY	104.94	Ordinary	2,168	2,1
9-Aug-2021	Vanguard Investments Australia Ltd.	BUY	104.94	Ordinary	18,696	18,6
10-Aug-2021	Vanguard Investments Australia Ltd.	BUY	106.56	Ordinary	2,297	2,2
11-Aug-2021	Vanguard Investments Australia Ltd.	SELL	108.17	Ordinary	(3,830)	(3,8
12-Aug-2021	Vanguard Investments Australia Ltd.	SELL	105.88	Ordinary	(1,925)	(1,9
12-Aug-2021	Vanguard Investments Australia Ltd.	BUY	105.88	Ordinary	8,589	8,5
	Vanguard Investments Australia Ltd.	BUY	105.88	Ordinary	438	4
12-Aug-2021	Vanguard Investments Australia Ltd.	BUY	105.88	Ordinary	2,173	2,1
12-Aug-2021	Vanguard Investments Australia Ltd.	BUY	105.88	Ordinary	11,540	11,5
· · · · ·	Vanguard Investments Australia Ltd.	BUY	105.88	Ordinary	40,391	40,
0	Vanguard Investments Australia Ltd.	SELL	104.03	Ordinary	(1,660)	(1,
	Vanguard Investments Australia Ltd.	BUY	104.03	Ordinary	597	
	Vanguard Investments Australia Ltd.	BUY	102.54	Ordinary	6,400	6,
×.	Vanguard Investments Australia Ltd.	BUY	102.54	Ordinary	31,220	31,
	Vanguard Investments Australia Ltd.	BUY	99.77	Ordinary	5,132	5,
×.	Vanguard Investments Australia Ltd.	BUY	99.77	Ordinary	12,520	12,
-	Vanguard Investments Australia Ltd.	BUY	99.77	Ordinary	31,300	31,
18-Aug-2021	Vanguard Investments Australia Ltd.	BUY	99.77	Ordinary	3,612	3,
	Vanguard Investments Australia Ltd.	BUY	99.77	Ordinary	3,460	3,
×.	Vanguard Investments Australia Ltd.	BUY	99.22	Ordinary	20,358	20,
÷	Vanguard Investments Australia Ltd.	BUY	99.22	Ordinary	14,537	14,
19-Aug-2021	Vanguard Investments Australia Ltd.	BUY	99.22	Ordinary	247	
÷	Vanguard Investments Australia Ltd.	BUY	99.27	Ordinary	3,849	3,
	Vanguard Investments Australia Ltd.	BUY	99.27	Ordinary	7,835	7,
20-Aug-2021	Vanguard Investments Australia Ltd.	BUY	99.27	Ordinary	11,249	11,
-	Vanguard Investments Australia Ltd.	BUY	100.17	Ordinary	3,595	3,
×.	Vanguard Investments Australia Ltd.	BUY	100.17	Ordinary	18,029	18,
	Vanguard Investments Australia Ltd.	BUY	100.17	Ordinary	2,410	2,
23-Aug-2021	Vanguard Investments Australia Ltd.	BUY	100.17	Ordinary	693	
÷	Vanguard Investments Australia Ltd.	BUY	99.91	Ordinary	2,179	2,
24-Aug-2021	Vanguard Investments Australia Ltd.	BUY	99.91	Ordinary	3,852	3,
24-Aug-2021	Vanguard Investments Australia Ltd.	BUY	99.91	Ordinary	332	
25-Aug-2021	Vanguard Investments Australia Ltd.	SELL	100.32	Ordinary	(4,950)	(4,
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	100.32	Ordinary	207	
•	Vanguard Investments Australia Ltd.	BUY	100.32	Ordinary	20,397	20,
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	100.32	Ordinary	22,809	22,
25-Aug-2021	Vanguard Investments Australia Ltd.	BUY	100.32	Ordinary	3,734	3,
26-Aug-2021	Vanguard Investments Australia Ltd.	BUY	100.99	Ordinary	1,105	1,
0	Vanguard Investments Australia Ltd.	BUY	100.99	Ordinary	15,700	15
27-Aug-2021	Vanguard Investments Australia Ltd.	BUY	101.54	Ordinary	15,881	15
•	Vanguard Investments Australia Ltd.	BUY	101.54	Ordinary	267	
30-Aug-2021	Vanguard Investments Australia Ltd.	BUY	100.42	Ordinary	6,440	6
÷	Vanguard Investments Australia Ltd.	BUY		Ordinary	21,994	21
30-Aug-2021	Vanguard Investments Australia Ltd.	BUY	100.42	Ordinary	3,621	3
31-Aug-2021	Vanguard Investments Australia Ltd.	BUY	100.12	Ordinary	943	
0	Vanguard Investments Australia Ltd.	BUY	100.12	Ordinary	219	
1	Vanguard Investments Australia Ltd.	BUY	101.00	Ordinary	792	
	Vanguard Investments Australia Ltd.	BUY	101.00	Ordinary	203	
	Vanguard Investments Australia Ltd.	BUY	101.00	Ordinary	5,160	5,
	Vanguard Investments Australia Ltd.	BUY	101.00	Ordinary	10,404	10
	Vanguard Investments Australia Ltd.	BUY	101.00	Ordinary	1,083	1
	Vanguard Investments Australia Ltd.	BUY	101.37	Ordinary	25,264	25
	Vanguard Investments Australia Ltd.	BUY	101.37	Ordinary	54,023	54
	Vanguard Investments Australia Ltd.	BUY	101.37	Ordinary	3,621	3
	Vanguard Investments Australia Ltd.	BUY	101.84	Ordinary	2,206	2,
3-Sep-2021	Vanguard Investments Australia Ltd.	BUY	101.84	Ordinary	24,891	24
	Vanguard Investments Australia Ltd.	BUY	101.84	Ordinary	4,828	4
6-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.16	Ordinary	11,674	11,
6-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.16	Ordinary	18,996	18
7-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.14	Ordinary	5,216	5,
7-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.14	Ordinary	458	
8-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.92	Ordinary	2,608	2,
8-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.92	Ordinary	47,522	47,
9-Sep-2021	Vanguard Investments Australia Ltd.	SELL	100.55	Ordinary	(5,360)	(5,
9-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.55	Ordinary	5,216	5,
9-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.55	Ordinary	22,176	22,
	Vanguard Investments Australia Ltd.	BUY	100.55	Ordinary	27,309	27

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-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.55	Ordinary	2,943	2,9
10-Sep-2021	Vanguard Investments Australia Ltd.	BUY	101.09	Ordinary	6,543	6,5
15-Sep-2021	Vanguard Investments Australia Ltd.	SELL	101.41	Ordinary	(4,528)	(4,5
15-Sep-2021	Vanguard Investments Australia Ltd.	BUY	101.41	Ordinary	19,020	19,0
16-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.85	Ordinary	6,520	6,5
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	102.82	Ordinary	(1,642)	(1,6
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	102.82	Ordinary	(4,913)	(4,9
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	102.82	Ordinary	(12,401)	(12,4
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.88	Ordinary	8,333	8,3
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	102.82	Ordinary	(7,531)	(7,
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.88	Ordinary	12,990	12,
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.88	Ordinary	4,848	4,
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.81	Ordinary	6,515	6,
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.81	Ordinary	21,910	21,
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.81	Ordinary	4,876	4,
	Vanguard Investments Australia Ltd.	BUY	100.34	Ordinary	3,894	3,
	Vanguard Investments Australia Ltd.	BUY	99.64	Ordinary	2,434	2,
	Vanguard Investments Australia Ltd.	BUY	99.64	Ordinary	3,323	3,
	Vanguard Investments Australia Ltd.	BUY	100.80	Ordinary	26,588	26,
	Vanguard Investments Australia Ltd.	BUY	100.00	Ordinary	7,790	7,
	Vanguard Investments Australia Ltd.	BUY	101.70	Ordinary		
		BUY			12,160	12,
	Vanguard Investments Australia Ltd.	BUY	104.00 102.62	Ordinary	18,744	18,
	Vanguard Investments Australia Ltd.			Ordinary	11,682	11,
,	Vanguard Investments Australia Ltd.	BUY	102.62	Ordinary	7,815	7,
	Vanguard Investments Australia Ltd.	SELL	104.32	Ordinary	(46,784)	(46,
	Vanguard Investments Australia Ltd.	BUY	100.08	Ordinary	23,085	23,
	Vanguard Investments Australia Ltd.	BUY	100.08	Ordinary	24,624	24,
	Vanguard Investments Australia Ltd.	BUY	100.08	Ordinary	6,020	6,
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	100.08	Ordinary	4,816	4,
4-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.61	Ordinary	106,387	106,
4-Oct-2021	Vanguard Investments Australia Ltd.	BUY	103.21	Ordinary	1,161,000	1,161,
4-Oct-2021	Vanguard Investments Australia Ltd.	SELL	88.62	Ordinary	(1,708,332)	(1,708,
4-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.16	Ordinary	7,695	7,
5-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.50	Ordinary	9,632	9,
5-Oct-2021	Vanguard Investments Australia Ltd.	SELL	105.19	Ordinary	(17,773)	(17,
5-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.35	Ordinary	106,387	106
6-Oct-2021	Vanguard Investments Australia Ltd.	BUY	103.42	Ordinary	407	
6-Oct-2021	Vanguard Investments Australia Ltd.	SELL	103.87	Ordinary	(2,157)	(2,
6-Oct-2021	Vanguard Investments Australia Ltd.	SELL	103.42	Ordinary	(101,637)	(101,
	Vanguard Investments Australia Ltd.	SELL	88.62	Ordinary	(2,254)	(2,
	Vanguard Investments Australia Ltd.	SELL	104.45	Ordinary	(19,815)	(19,
8-Oct-2021	Vanguard Investments Australia Ltd.	SELL	104.45	Ordinary	(41,178)	(41)
	Vanguard Investments Australia Ltd.	BUY	104.45	Ordinary	23,776	23,
				Ordinary	(====)	(====
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL BUY	104.43	,	(798,493) 5,815	(798)
	Vanguard Investments Australia Ltd.	BUY	104.89	Ordinary	6,057	6,
	Vanguard Investments Australia Ltd.	BUY	104.89	,	3,063	3,
	Vanguard Investments Australia Ltd.	BUY	104.89	Ordinary	8,141	8,
	Vanguard Investments Australia Ltd.	BUY	104.89	Ordinary	705	
	Vanguard Investments Australia Ltd.	BUY	101.91	Ordinary	986	
	Vanguard Investments Australia Ltd.	BUY	101.91	Ordinary	7,338	7,
	Vanguard Investments Australia Ltd.	BUY	102.28	Ordinary	19,331	19
	Vanguard Investments Australia Ltd.	SELL	103.94	Ordinary	(9,611)	(9)
18-Oct-2021	Vanguard Investments Australia Ltd.	BUY	103.94	Ordinary	4,652	4
18-Oct-2021	Vanguard Investments Australia Ltd.	SELL	103.94	Ordinary	(21,810)	(21
19-Oct-2021	Vanguard Investments Australia Ltd.	BUY	103.89	Ordinary	542	
19-Oct-2021	Vanguard Investments Australia Ltd.	BUY	103.89	Ordinary	4,652	4
20-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.03	Ordinary	26,739	26
21-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.95	Ordinary	44,582	44
21-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.95	Ordinary	19,383	19,
	Vanguard Investments Australia Ltd.	BUY	104.88	Ordinary	332	,
	Vanguard Investments Australia Ltd.	BUY	104.88	Ordinary	7,338	7
25-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.46	Ordinary	344	
	Vanguard Investments Australia Ltd.	BUY	105.10		4,652	4,
	Vanguard Investments Australia Ltd.	BUY	105.10	Ordinary	15,899	4,
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	IN SPECIE				
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	106.10 106.86	Ordinary	(851,376)	(851,
	vanguarn investments Australia Itd	IDUX	106.86	Ordinary	420	

Page 66 of 67

			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
29-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.68	Ordinary	4,652	4,652
29-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.68	Ordinary	22,395	22,395
1-Nov-2021	Vanguard Investments Australia Ltd.	BUY	106.29	Ordinary	7,465	7,465
2-Nov-2021	Vanguard Investments Australia Ltd.	SELL	105.76	Ordinary	(83,428)	(83,428)
3-Nov-2021	Vanguard Investments Australia Ltd.	BUY	107.00	Ordinary	2,718	2,718
3-Nov-2021	Vanguard Investments Australia Ltd.	BUY	107.00	Ordinary	2,864	2,864
3-Nov-2021	Vanguard Investments Australia Ltd.	BUY	107.00	Ordinary	6,105	6,105
4-Nov-2021	Vanguard Investments Australia Ltd.	BUY	108.50	Ordinary	17,928	17,928
5-Nov-2021	Vanguard Investments Australia Ltd.	BUY	109.71	Ordinary	1,256	1,256
5-Nov-2021	Vanguard Investments Australia Ltd.	BUY	109.71	Ordinary	4,652	4,652
5-Nov-2021	Vanguard Investments Australia Ltd.	BUY	109.71	Ordinary	73,482	73,482
5-Nov-2021	Vanguard Investments Australia Ltd.	IN SPECIE	109.42	Ordinary	(8,000,647)	(8,000,647)

This is Annexure A of 67 pages referred to in Form 605, Notice of ceasing to be a substantial holder.

(toposal.

Signature:

Name: Shawn Acker

Capacity: Compliance Manager

Date: 12 November 2021