

Form 605Corporations 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 Investments Australia Ltd. and those listed in Annexure A)
 ACN/ARSN (if applicable) N/A

The holder ceased to be a substantial holder on 5 November 2021

The previous notice was given to the company on 24 July 2018

The previous notice was dated 24 July 2018

2. Changes in relevant interests

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 previous 605 form notice to include transactions not identified in previous notice See Annexure 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:

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 capacity Compliance Manager

sign here  date 12 November 2021

For personal use only

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.
- (2) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (3) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (4) 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.

- (5) 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.
- (6) The voting shares of a company constitute one class unless divided into separate classes.
- (7) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

For personal use only

To Company
ACN/ARSN

Commonwealth Bank of Australia
123 123 124

Substantial Holder Name
ACN/ARSN

Vanguard Group
N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
23-Jul-2018	The Vanguard Group, Inc.	SELL	75.32	Ordinary	(5,037)	(5,037)
24-Jul-2018	The Vanguard Group, Inc.	BUY	75.17	Ordinary	630	630
24-Jul-2018	The Vanguard Group, Inc.	BUY	75.17	Ordinary	439	439
24-Jul-2018	The Vanguard Group, Inc.	BUY	75.72	Ordinary	18,490	18,490
24-Jul-2018	The Vanguard Group, Inc.	SELL	75.80	Ordinary	(762)	(762)
25-Jul-2018	The Vanguard Group, Inc.	SELL	74.76	Ordinary	(1,305)	(1,305)
25-Jul-2018	The Vanguard Group, Inc.	BUY	74.76	Ordinary	642	642
25-Jul-2018	The Vanguard Group, Inc.	SELL	75.01	Ordinary	(5,037)	(5,037)
25-Jul-2018	The Vanguard Group, Inc.	SELL	75.01	Ordinary	(25,185)	(25,185)
25-Jul-2018	The Vanguard Group, Inc.	SELL	75.01	Ordinary	(3,358)	(3,358)
26-Jul-2018	The Vanguard Group, Inc.	BUY	74.79	Ordinary	139	139
27-Jul-2018	The Vanguard Group, Inc.	SELL	75.36	Ordinary	(9,365)	(9,365)
27-Jul-2018	The Vanguard Group, Inc.	BUY	75.33	Ordinary	10,678	10,678
30-Jul-2018	The Vanguard Group, Inc.	SELL	74.90	Ordinary	(8,519)	(8,519)
31-Jul-2018	The Vanguard Group, Inc.	BUY	75.18	Ordinary	27,023	27,023
31-Jul-2018	The Vanguard Group, Inc.	SELL	74.95	Ordinary	(2,210)	(2,210)
1-Aug-2018	The Vanguard Group, Inc.	BUY	74.13	Ordinary	64,920	64,920
1-Aug-2018	The Vanguard Group, Inc.	SELL	74.38	Ordinary	(488)	(488)
2-Aug-2018	The Vanguard Group, Inc.	BUY	73.68	Ordinary	70	70
2-Aug-2018	The Vanguard Group, Inc.	SELL	73.92	Ordinary	(16,790)	(16,790)
2-Aug-2018	The Vanguard Group, Inc.	BUY	74.00	Ordinary	21,309	21,309
3-Aug-2018	The Vanguard Group, Inc.	SELL	72.83	Ordinary	(5,455)	(5,455)
3-Aug-2018	The Vanguard Group, Inc.	BUY	72.83	Ordinary	1,314	1,314
3-Aug-2018	The Vanguard Group, Inc.	BUY	73.78	Ordinary	19,318	19,318
6-Aug-2018	The Vanguard Group, Inc.	BUY	73.04	Ordinary	39	39
7-Aug-2018	The Vanguard Group, Inc.	BUY	73.21	Ordinary	57,654	57,654
8-Aug-2018	The Vanguard Group, Inc.	BUY	74.14	Ordinary	22,759	22,759
8-Aug-2018	The Vanguard Group, Inc.	BUY	74.14	Ordinary	9,073	9,073
8-Aug-2018	The Vanguard Group, Inc.	SELL	74.18	Ordinary	(469)	(469)
9-Aug-2018	The Vanguard Group, Inc.	BUY	75.37	Ordinary	132	132
9-Aug-2018	The Vanguard Group, Inc.	BUY	75.18	Ordinary	6,975	6,975
9-Aug-2018	The Vanguard Group, Inc.	SELL	75.44	Ordinary	(3,978)	(3,978)
9-Aug-2018	The Vanguard Group, Inc.	BUY	75.37	Ordinary	1,927	1,927
10-Aug-2018	The Vanguard Group, Inc.	BUY	75.39	Ordinary	864	864
10-Aug-2018	The Vanguard Group, Inc.	SELL	75.32	Ordinary	(40,296)	(40,296)
10-Aug-2018	The Vanguard Group, Inc.	SELL	75.32	Ordinary	(2,210)	(2,210)
10-Aug-2018	The Vanguard Group, Inc.	SELL	75.32	Ordinary	(3,978)	(3,978)
10-Aug-2018	The Vanguard Group, Inc.	SELL	75.39	Ordinary	(36,800)	(36,800)
13-Aug-2018	The Vanguard Group, Inc.	BUY	74.94	Ordinary	632	632
13-Aug-2018	The Vanguard Group, Inc.	BUY	75.35	Ordinary	102	102
14-Aug-2018	The Vanguard Group, Inc.	SELL	75.86	Ordinary	(2,312)	(2,312)
14-Aug-2018	The Vanguard Group, Inc.	BUY	75.68	Ordinary	55,285	55,285
14-Aug-2018	The Vanguard Group, Inc.	SELL	75.97	Ordinary	(7,956)	(7,956)
15-Aug-2018	The Vanguard Group, Inc.	SELL	73.76	Ordinary	(20,148)	(20,148)
15-Aug-2018	The Vanguard Group, Inc.	BUY	73.26	Ordinary	48,312	48,312
15-Aug-2018	The Vanguard Group, Inc.	BUY	73.26	Ordinary	7,653	7,653
16-Aug-2018	The Vanguard Group, Inc.	BUY	73.76	Ordinary	113	113
16-Aug-2018	The Vanguard Group, Inc.	BUY	73.76	Ordinary	56,187	56,187
16-Aug-2018	The Vanguard Group, Inc.	BUY	74.28	Ordinary	3,312	3,312
16-Aug-2018	The Vanguard Group, Inc.	SELL	74.12	Ordinary	(36,717)	(36,717)
16-Aug-2018	The Vanguard Group, Inc.	BUY	74.12	Ordinary	805	805
17-Aug-2018	The Vanguard Group, Inc.	BUY	74.28	Ordinary	64,355	64,355
17-Aug-2018	The Vanguard Group, Inc.	BUY	74.24	Ordinary	2,219	2,219
20-Aug-2018	The Vanguard Group, Inc.	SELL	74.44	Ordinary	(4,790)	(4,790)
20-Aug-2018	The Vanguard Group, Inc.	BUY	73.94	Ordinary	45,771	45,771
20-Aug-2018	The Vanguard Group, Inc.	BUY	73.94	Ordinary	7,644	7,644
21-Aug-2018	The Vanguard Group, Inc.	BUY	72.95	Ordinary	1,515	1,515
21-Aug-2018	The Vanguard Group, Inc.	BUY	72.95	Ordinary	1,337	1,337
21-Aug-2018	The Vanguard Group, Inc.	BUY	73.26	Ordinary	27,334	27,334
21-Aug-2018	The Vanguard Group, Inc.	BUY	73.01	Ordinary	1,768	1,768
21-Aug-2018	The Vanguard Group, Inc.	BUY	73.26	Ordinary	3,213	3,213

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
27-Aug-2018	The Vanguard Group, Inc.	BUY	70.89	Ordinary	1,925	1,925
27-Aug-2018	The Vanguard Group, Inc.	BUY	71.29	Ordinary	2,210	2,210
28-Aug-2018	The Vanguard Group, Inc.	BUY	71.73	Ordinary	630	630
29-Aug-2018	The Vanguard Group, Inc.	BUY	72.00	Ordinary	76	76
31-Aug-2018	The Vanguard Group, Inc.	BUY	71.47	Ordinary	10,933	10,933
31-Aug-2018	The Vanguard Group, Inc.	BUY	72.11	Ordinary	21,492	21,492
31-Aug-2018	The Vanguard Group, Inc.	BUY	71.47	Ordinary	863	863
31-Aug-2018	The Vanguard Group, Inc.	BUY	71.47	Ordinary	1,767	1,767
5-Sep-2018	The Vanguard Group, Inc.	SELL	70.11	Ordinary	(1,304)	(1,304)
5-Sep-2018	The Vanguard Group, Inc.	BUY	70.47	Ordinary	48,911	48,911
5-Sep-2018	The Vanguard Group, Inc.	SELL	70.80	Ordinary	(751)	(751)
5-Sep-2018	The Vanguard Group, Inc.	BUY	70.47	Ordinary	1,968	1,968
6-Sep-2018	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
7-Sep-2018	The Vanguard Group, Inc.	BUY	70.53	Ordinary	25,210	25,210
7-Sep-2018	The Vanguard Group, Inc.	BUY	70.03	Ordinary	29,863	29,863
7-Sep-2018	The Vanguard Group, Inc.	BUY	70.53	Ordinary	7,720	7,720
7-Sep-2018	The Vanguard Group, Inc.	BUY	70.53	Ordinary	1,326	1,326
7-Sep-2018	The Vanguard Group, Inc.	BUY	70.53	Ordinary	4,420	4,420
10-Sep-2018	The Vanguard Group, Inc.	BUY	70.75	Ordinary	3,281	3,281
11-Sep-2018	The Vanguard Group, Inc.	BUY	71.42	Ordinary	42,178	42,178
12-Sep-2018	The Vanguard Group, Inc.	SELL	71.93	Ordinary	(113,448)	(113,448)
12-Sep-2018	The Vanguard Group, Inc.	BUY	71.97	Ordinary	40,945	40,945
12-Sep-2018	The Vanguard Group, Inc.	BUY	71.86	Ordinary	11,580	11,580
12-Sep-2018	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
18-Sep-2018	The Vanguard Group, Inc.	BUY	71.77	Ordinary	13,612	13,612
18-Sep-2018	The Vanguard Group, Inc.	BUY	71.92	Ordinary	1,517	1,517
20-Sep-2018	The Vanguard Group, Inc.	BUY	71.88	Ordinary	552	552
20-Sep-2018	The Vanguard Group, Inc.	BUY	71.55	Ordinary	5,133	5,133
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(1,719)	(1,719)
21-Sep-2018	The Vanguard Group, Inc.	BUY	71.94	Ordinary	169	169
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(103)	(103)
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(20)	(20)
21-Sep-2018	The Vanguard Group, Inc.	BUY	71.94	Ordinary	10	10
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(496)	(496)
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(2,015)	(2,015)
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(528)	(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)
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(58,094)	(58,094)
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(58,561)	(58,561)
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(2,222)	(2,222)
21-Sep-2018	The Vanguard Group, Inc.	SELL	71.94	Ordinary	(18,855)	(18,855)
21-Sep-2018	The Vanguard Group, Inc.	BUY	71.94	Ordinary	1,022	1,022
21-Sep-2018	The Vanguard Group, Inc.	BUY	71.94	Ordinary	214	214
25-Sep-2018	The Vanguard Group, Inc.	BUY	71.19	Ordinary	100	100
25-Sep-2018	The Vanguard Group, Inc.	BUY	70.80	Ordinary	40,696	40,696
25-Sep-2018	The Vanguard Group, Inc.	BUY	71.19	Ordinary	15,015	15,015
26-Sep-2018	The Vanguard Group, Inc.	BUY	70.18	Ordinary	615	615
26-Sep-2018	The Vanguard Group, Inc.	SELL	70.18	Ordinary	(216)	(216)
26-Sep-2018	The Vanguard Group, Inc.	SELL	70.18	Ordinary	(487)	(487)
26-Sep-2018	The Vanguard Group, Inc.	BUY	70.05	Ordinary	15,520	15,520
26-Sep-2018	The Vanguard Group, Inc.	BUY	70.05	Ordinary	7,760	7,760
26-Sep-2018	The Vanguard Group, Inc.	BUY	70.05	Ordinary	19,400	19,400
26-Sep-2018	The Vanguard Group, Inc.	SELL	70.65	Ordinary	(1,623)	(1,623)
27-Sep-2018	The Vanguard Group, Inc.	BUY	70.08	Ordinary	1,201	1,201
27-Sep-2018	The Vanguard Group, Inc.	BUY	70.01	Ordinary	5,042	5,042
27-Sep-2018	The Vanguard Group, Inc.	SELL	70.20	Ordinary	(5,071)	(5,071)
28-Sep-2018	The Vanguard Group, Inc.	BUY	71.41	Ordinary	552	552

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Oct-2018	The Vanguard Group, Inc.	BUY	70.35	Ordinary	11,640	11,640
2-Oct-2018	The Vanguard Group, Inc.	BUY	70.23	Ordinary	47,234	47,234
2-Oct-2018	The Vanguard Group, Inc.	BUY	69.61	Ordinary	31,040	31,040
2-Oct-2018	The Vanguard Group, Inc.	SELL	70.61	Ordinary	(677)	(677)
2-Oct-2018	The Vanguard Group, Inc.	SELL	70.61	Ordinary	(10,544)	(10,544)
2-Oct-2018	The Vanguard Group, Inc.	SELL	69.61	Ordinary	(5,525)	(5,525)
3-Oct-2018	The Vanguard Group, Inc.	BUY	69.82	Ordinary	1,381	1,381
3-Oct-2018	The Vanguard Group, Inc.	BUY	69.82	Ordinary	119	119
3-Oct-2018	The Vanguard Group, Inc.	BUY	69.82	Ordinary	20,616	20,616
3-Oct-2018	The Vanguard Group, Inc.	BUY	69.65	Ordinary	11,640	11,640
3-Oct-2018	The Vanguard Group, Inc.	BUY	69.65	Ordinary	7,152	7,152
4-Oct-2018	The Vanguard Group, Inc.	BUY	70.03	Ordinary	19,858	19,858
5-Oct-2018	The Vanguard Group, Inc.	BUY	69.99	Ordinary	22,538	22,538
8-Oct-2018	The Vanguard Group, Inc.	BUY	70.00	Ordinary	16,169	16,169
8-Oct-2018	The Vanguard Group, Inc.	BUY	69.23	Ordinary	3,688	3,688
9-Oct-2018	The Vanguard Group, Inc.	BUY	69.27	Ordinary	21,157	21,157
9-Oct-2018	The Vanguard Group, Inc.	BUY	68.67	Ordinary	20,264	20,264
11-Oct-2018	The Vanguard Group, Inc.	BUY	67.00	Ordinary	1,008	1,008
11-Oct-2018	The Vanguard Group, Inc.	BUY	66.76	Ordinary	10,122	10,122
11-Oct-2018	The Vanguard Group, Inc.	BUY	67.00	Ordinary	1,312	1,312
12-Oct-2018	The Vanguard Group, Inc.	BUY	66.43	Ordinary	4,875	4,875
12-Oct-2018	The Vanguard Group, Inc.	BUY	66.43	Ordinary	5,338	5,338
12-Oct-2018	The Vanguard Group, Inc.	BUY	66.43	Ordinary	46	46
12-Oct-2018	The Vanguard Group, Inc.	BUY	66.43	Ordinary	49,703	49,703
15-Oct-2018	The Vanguard Group, Inc.	BUY	65.63	Ordinary	262	262
15-Oct-2018	The Vanguard Group, Inc.	BUY	66.80	Ordinary	1,011	1,011
15-Oct-2018	The Vanguard Group, Inc.	BUY	65.54	Ordinary	16,870	16,870
16-Oct-2018	The Vanguard Group, Inc.	BUY	65.77	Ordinary	55	55
16-Oct-2018	The Vanguard Group, Inc.	BUY	65.98	Ordinary	53,799	53,799
16-Oct-2018	The Vanguard Group, Inc.	SELL	65.64	Ordinary	(720)	(720)
17-Oct-2018	The Vanguard Group, Inc.	BUY	66.90	Ordinary	1,390	1,390
17-Oct-2018	The Vanguard Group, Inc.	BUY	66.82	Ordinary	38,269	38,269
18-Oct-2018	The Vanguard Group, Inc.	SELL	67.22	Ordinary	(954)	(954)
18-Oct-2018	The Vanguard Group, Inc.	BUY	66.95	Ordinary	128	128
18-Oct-2018	The Vanguard Group, Inc.	BUY	66.95	Ordinary	29,978	29,978
18-Oct-2018	The Vanguard Group, Inc.	BUY	66.95	Ordinary	12,153	12,153
19-Oct-2018	The Vanguard Group, Inc.	BUY	67.77	Ordinary	10,122	10,122
19-Oct-2018	The Vanguard Group, Inc.	BUY	67.77	Ordinary	11,640	11,640
22-Oct-2018	The Vanguard Group, Inc.	BUY	67.34	Ordinary	243	243
23-Oct-2018	The Vanguard Group, Inc.	BUY	66.61	Ordinary	10,990	10,990
23-Oct-2018	The Vanguard Group, Inc.	BUY	67.03	Ordinary	39,666	39,666
24-Oct-2018	The Vanguard Group, Inc.	BUY	66.86	Ordinary	183	183
24-Oct-2018	The Vanguard Group, Inc.	BUY	66.60	Ordinary	17,372	17,372
24-Oct-2018	The Vanguard Group, Inc.	SELL	66.03	Ordinary	(3,227)	(3,227)
25-Oct-2018	The Vanguard Group, Inc.	BUY	65.89	Ordinary	48,813	48,813
25-Oct-2018	The Vanguard Group, Inc.	BUY	65.89	Ordinary	16,367	16,367
25-Oct-2018	The Vanguard Group, Inc.	BUY	65.66	Ordinary	9,700	9,700
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.81	Ordinary	1,901	1,901
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.81	Ordinary	4,420	4,420
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.62	Ordinary	4,399	4,399
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.62	Ordinary	112	112
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.62	Ordinary	4,572	4,572
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.81	Ordinary	47,917	47,917
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.62	Ordinary	59,060	59,060
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.81	Ordinary	22,206	22,206
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.81	Ordinary	10,303	10,303
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.62	Ordinary	976	976
26-Oct-2018	The Vanguard Group, Inc.	BUY	65.81	Ordinary	3,147	3,147
30-Oct-2018	The Vanguard Group, Inc.	BUY	68.16	Ordinary	28,155	28,155
30-Oct-2018	The Vanguard Group, Inc.	BUY	66.84	Ordinary	26,851	26,851
31-Oct-2018	The Vanguard Group, Inc.	SELL	69.23	Ordinary	(1,379)	(1,379)
31-Oct-2018	The Vanguard Group, Inc.	BUY	69.23	Ordinary	464	464
31-Oct-2018	The Vanguard Group, Inc.	BUY	68.56	Ordinary	26,940	26,940
31-Oct-2018	The Vanguard Group, Inc.	BUY	68.56	Ordinary	14,240	14,240
31-Oct-2018	The Vanguard Group, Inc.	BUY	69.44	Ordinary	13,580	13,580
1-Nov-2018	The Vanguard Group, Inc.	SELL	68.94	Ordinary	(115,316)	(115,316)
1-Nov-2018	The Vanguard Group, Inc.	SELL	69.30	Ordinary	(808)	(808)
1-Nov-2018	The Vanguard Group, Inc.	BUY	69.12	Ordinary	57,121	57,121

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Nov-2018	The Vanguard Group, Inc.	BUY	69.07	Ordinary	19,400	19,400
2-Nov-2018	The Vanguard Group, Inc.	SELL	68.35	Ordinary	(39,568)	(39,568)
2-Nov-2018	The Vanguard Group, Inc.	BUY	68.25	Ordinary	26,537	26,537
2-Nov-2018	The Vanguard Group, Inc.	BUY	68.25	Ordinary	19,686	19,686
2-Nov-2018	The Vanguard Group, Inc.	BUY	68.25	Ordinary	6,529	6,529
5-Nov-2018	The Vanguard Group, Inc.	SELL	67.98	Ordinary	(13,233)	(13,233)
5-Nov-2018	The Vanguard Group, Inc.	BUY	68.09	Ordinary	1,195	1,195
7-Nov-2018	The Vanguard Group, Inc.	BUY	69.00	Ordinary	782	782
7-Nov-2018	The Vanguard Group, Inc.	BUY	69.00	Ordinary	67	67
7-Nov-2018	The Vanguard Group, Inc.	BUY	69.84	Ordinary	15,520	15,520
8-Nov-2018	The Vanguard Group, Inc.	BUY	70.62	Ordinary	84	84
9-Nov-2018	The Vanguard Group, Inc.	SELL	70.95	Ordinary	(3,499)	(3,499)
9-Nov-2018	The Vanguard Group, Inc.	BUY	70.95	Ordinary	245	245
9-Nov-2018	The Vanguard Group, Inc.	BUY	70.52	Ordinary	8,271	8,271
9-Nov-2018	The Vanguard Group, Inc.	BUY	70.52	Ordinary	1,134	1,134
12-Nov-2018	The Vanguard Group, Inc.	BUY	71.18	Ordinary	11,640	11,640
12-Nov-2018	The Vanguard Group, Inc.	BUY	71.18	Ordinary	8,448	8,448
13-Nov-2018	The Vanguard Group, Inc.	BUY	70.89	Ordinary	3,851	3,851
13-Nov-2018	The Vanguard Group, Inc.	BUY	70.90	Ordinary	126	126
13-Nov-2018	The Vanguard Group, Inc.	BUY	70.90	Ordinary	7,231	7,231
13-Nov-2018	The Vanguard Group, Inc.	BUY	70.89	Ordinary	192	192
13-Nov-2018	The Vanguard Group, Inc.	BUY	70.89	Ordinary	25,844	25,844
14-Nov-2018	The Vanguard Group, Inc.	BUY	68.91	Ordinary	11,640	11,640
14-Nov-2018	The Vanguard Group, Inc.	BUY	68.91	Ordinary	15,520	15,520
14-Nov-2018	The Vanguard Group, Inc.	BUY	68.91	Ordinary	3,168	3,168
15-Nov-2018	The Vanguard Group, Inc.	BUY	68.86	Ordinary	1,000	1,000
15-Nov-2018	The Vanguard Group, Inc.	BUY	69.29	Ordinary	24,737	24,737
15-Nov-2018	The Vanguard Group, Inc.	BUY	69.16	Ordinary	5,952	5,952
15-Nov-2018	The Vanguard Group, Inc.	BUY	69.16	Ordinary	2,210	2,210
16-Nov-2018	The Vanguard Group, Inc.	BUY	69.25	Ordinary	2,205	2,205
16-Nov-2018	The Vanguard Group, Inc.	BUY	69.25	Ordinary	28,590	28,590
19-Nov-2018	The Vanguard Group, Inc.	BUY	68.50	Ordinary	544	544
20-Nov-2018	The Vanguard Group, Inc.	BUY	69.20	Ordinary	242	242
21-Nov-2018	The Vanguard Group, Inc.	BUY	68.74	Ordinary	14,681	14,681
21-Nov-2018	The Vanguard Group, Inc.	BUY	70.04	Ordinary	15,520	15,520
23-Nov-2018	The Vanguard Group, Inc.	BUY	71.30	Ordinary	1,667	1,667
27-Nov-2018	The Vanguard Group, Inc.	BUY	72.21	Ordinary	752	752
27-Nov-2018	The Vanguard Group, Inc.	BUY	72.21	Ordinary	831	831
27-Nov-2018	The Vanguard Group, Inc.	BUY	71.97	Ordinary	1,129	1,129
28-Nov-2018	The Vanguard Group, Inc.	BUY	72.70	Ordinary	1,756	1,756
28-Nov-2018	The Vanguard Group, Inc.	BUY	72.70	Ordinary	10,536	10,536
28-Nov-2018	The Vanguard Group, Inc.	BUY	72.70	Ordinary	9,700	9,700
28-Nov-2018	The Vanguard Group, Inc.	BUY	72.70	Ordinary	4,650	4,650
28-Nov-2018	The Vanguard Group, Inc.	BUY	72.70	Ordinary	2,325	2,325
28-Nov-2018	The Vanguard Group, Inc.	BUY	72.70	Ordinary	1,395	1,395
28-Nov-2018	The Vanguard Group, Inc.	BUY	72.70	Ordinary	8,869	8,869
29-Nov-2018	The Vanguard Group, Inc.	BUY	72.44	Ordinary	7,905	7,905
30-Nov-2018	The Vanguard Group, Inc.	BUY	71.36	Ordinary	7,762	7,762
30-Nov-2018	The Vanguard Group, Inc.	SELL	71.36	Ordinary	(48,793)	(48,793)
30-Nov-2018	The Vanguard Group, Inc.	BUY	72.09	Ordinary	6,976	6,976
30-Nov-2018	The Vanguard Group, Inc.	SELL	71.36	Ordinary	(199)	(199)
30-Nov-2018	The Vanguard Group, Inc.	BUY	71.43	Ordinary	520	520
30-Nov-2018	The Vanguard Group, Inc.	BUY	71.36	Ordinary	2,834	2,834
3-Dec-2018	The Vanguard Group, Inc.	BUY	72.02	Ordinary	734	734
3-Dec-2018	The Vanguard Group, Inc.	BUY	72.02	Ordinary	5,638	5,638
3-Dec-2018	The Vanguard Group, Inc.	BUY	71.43	Ordinary	1,040	1,040
3-Dec-2018	The Vanguard Group, Inc.	SELL	71.55	Ordinary	(8,921)	(8,921)
4-Dec-2018	The Vanguard Group, Inc.	BUY	70.80	Ordinary	2,551	2,551
4-Dec-2018	The Vanguard Group, Inc.	BUY	70.80	Ordinary	17,785	17,785
4-Dec-2018	The Vanguard Group, Inc.	BUY	71.39	Ordinary	25,683	25,683
4-Dec-2018	The Vanguard Group, Inc.	BUY	70.10	Ordinary	5,952	5,952
4-Dec-2018	The Vanguard Group, Inc.	BUY	70.10	Ordinary	15,520	15,520
5-Dec-2018	The Vanguard Group, Inc.	BUY	70.00	Ordinary	8,787	8,787
5-Dec-2018	The Vanguard Group, Inc.	BUY	69.49	Ordinary	100	100
5-Dec-2018	The Vanguard Group, Inc.	BUY	69.49	Ordinary	9,511	9,511
5-Dec-2018	The Vanguard Group, Inc.	BUY	69.49	Ordinary	173	173
5-Dec-2018	The Vanguard Group, Inc.	BUY	69.49	Ordinary	16,397	16,397
6-Dec-2018	The Vanguard Group, Inc.	BUY	69.67	Ordinary	11,861	11,861

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-Dec-2018	The Vanguard Group, Inc.	SELL	69.67	Ordinary	(1,262)	(1,262)
6-Dec-2018	The Vanguard Group, Inc.	BUY	69.95	Ordinary	4,464	4,464
7-Dec-2018	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
7-Dec-2018	The Vanguard Group, Inc.	BUY	70.14	Ordinary	35,054	35,054
7-Dec-2018	The Vanguard Group, Inc.	BUY	70.14	Ordinary	8,763	8,763
7-Dec-2018	The Vanguard Group, Inc.	BUY	69.81	Ordinary	13,580	13,580
7-Dec-2018	The Vanguard Group, Inc.	BUY	69.81	Ordinary	15,520	15,520
10-Dec-2018	The Vanguard Group, Inc.	BUY	68.27	Ordinary	9,419	9,419
10-Dec-2018	The Vanguard Group, Inc.	BUY	69.08	Ordinary	13,097	13,097
11-Dec-2018	The Vanguard Group, Inc.	BUY	68.50	Ordinary	34,238	34,238
11-Dec-2018	The Vanguard Group, Inc.	BUY	68.44	Ordinary	11,640	11,640
11-Dec-2018	The Vanguard Group, Inc.	BUY	68.44	Ordinary	15,520	15,520
12-Dec-2018	The Vanguard Group, Inc.	BUY	68.81	Ordinary	21,405	21,405
12-Dec-2018	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)
12-Dec-2018	The Vanguard Group, Inc.	BUY	70.05	Ordinary	5,068	5,068
13-Dec-2018	The Vanguard Group, Inc.	BUY	70.18	Ordinary	304	304
13-Dec-2018	The Vanguard Group, Inc.	BUY	70.18	Ordinary	117	117
13-Dec-2018	The Vanguard Group, Inc.	BUY	70.03	Ordinary	8,869	8,869
13-Dec-2018	The Vanguard Group, Inc.	BUY	70.03	Ordinary	2,250	2,250
14-Dec-2018	The Vanguard Group, Inc.	SELL	68.81	Ordinary	(1,291)	(1,291)
14-Dec-2018	The Vanguard Group, Inc.	BUY	68.81	Ordinary	1,049	1,049
14-Dec-2018	The Vanguard Group, Inc.	BUY	69.63	Ordinary	99	99
14-Dec-2018	The Vanguard Group, Inc.	BUY	68.54	Ordinary	11,640	11,640
14-Dec-2018	The Vanguard Group, Inc.	BUY	68.54	Ordinary	2,790	2,790
14-Dec-2018	The Vanguard Group, Inc.	BUY	68.54	Ordinary	3,801	3,801
17-Dec-2018	The Vanguard Group, Inc.	BUY	68.49	Ordinary	23,280	23,280
17-Dec-2018	The Vanguard Group, Inc.	BUY	68.49	Ordinary	12,670	12,670
17-Dec-2018	The Vanguard Group, Inc.	SELL	69.26	Ordinary	(7,756)	(7,756)
18-Dec-2018	The Vanguard Group, Inc.	BUY	68.60	Ordinary	784	784
20-Dec-2018	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)
20-Dec-2018	The Vanguard Group, Inc.	SELL	68.92	Ordinary	(64,203)	(64,203)
21-Dec-2018	The Vanguard Group, Inc.	BUY	68.55	Ordinary	321	321
21-Dec-2018	The Vanguard Group, Inc.	BUY	68.48	Ordinary	693	693
21-Dec-2018	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(197)	(197)
21-Dec-2018	The Vanguard Group, Inc.	BUY	68.55	Ordinary	17	17
21-Dec-2018	The Vanguard Group, Inc.	BUY	68.55	Ordinary	8	8
21-Dec-2018	The Vanguard Group, Inc.	BUY	68.55	Ordinary	512	512
21-Dec-2018	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(25,468)	(25,468)
21-Dec-2018	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(47,574)	(47,574)
21-Dec-2018	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(1,072)	(1,072)
21-Dec-2018	The Vanguard Group, Inc.	SELL	68.48	Ordinary	(7,768)	(7,768)
21-Dec-2018	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
24-Dec-2018	The Vanguard Group, Inc.	BUY	67.55	Ordinary	78	78
24-Dec-2018	The Vanguard Group, Inc.	BUY	67.55	Ordinary	3	3
24-Dec-2018	The Vanguard Group, Inc.	BUY	67.55	Ordinary	1	1
24-Dec-2018	The Vanguard Group, Inc.	BUY	67.55	Ordinary	125	125
24-Dec-2018	The Vanguard Group, Inc.	BUY	67.71	Ordinary	18,224	18,224
24-Dec-2018	The Vanguard Group, Inc.	BUY	67.71	Ordinary	11,390	11,390
26-Dec-2018	The Vanguard Group, Inc.	BUY	69.09	Ordinary	5,252	5,252
26-Dec-2018	The Vanguard Group, Inc.	BUY	69.09	Ordinary	6,834	6,834
27-Dec-2018	The Vanguard Group, Inc.	BUY	70.33	Ordinary	34	34
27-Dec-2018	The Vanguard Group, Inc.	BUY	70.58	Ordinary	1,475	1,475
27-Dec-2018	The Vanguard Group, Inc.	BUY	69.50	Ordinary	6,360	6,360
27-Dec-2018	The Vanguard Group, Inc.	BUY	69.50	Ordinary	9,870	9,870
27-Dec-2018	The Vanguard Group, Inc.	BUY	70.58	Ordinary	3,417	3,417
27-Dec-2018	The Vanguard Group, Inc.	BUY	70.58	Ordinary	17,085	17,085
27-Dec-2018	The Vanguard Group, Inc.	BUY	70.58	Ordinary	5,695	5,695
27-Dec-2018	The Vanguard Group, Inc.	BUY	70.58	Ordinary	1,040	1,040
28-Dec-2018	The Vanguard Group, Inc.	BUY	71.91	Ordinary	1,461	1,461
28-Dec-2018	The Vanguard Group, Inc.	BUY	70.91	Ordinary	10,872	10,872

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
28-Dec-2018	The Vanguard Group, Inc.	BUY	70.91	Ordinary	164	164
28-Dec-2018	The Vanguard Group, Inc.	BUY	70.91	Ordinary	15,449	15,449
28-Dec-2018	The Vanguard Group, Inc.	BUY	70.91	Ordinary	9,300	9,300
28-Dec-2018	The Vanguard Group, Inc.	BUY	71.76	Ordinary	2,020	2,020
28-Dec-2018	The Vanguard Group, Inc.	BUY	70.91	Ordinary	5,024	5,024
31-Dec-2018	The Vanguard Group, Inc.	BUY	72.42	Ordinary	7,080	7,080
2-Jan-2019	The Vanguard Group, Inc.	BUY	70.97	Ordinary	11,344	11,344
2-Jan-2019	The Vanguard Group, Inc.	BUY	71.37	Ordinary	2,065	2,065
2-Jan-2019	The Vanguard Group, Inc.	BUY	71.37	Ordinary	5,310	5,310
2-Jan-2019	The Vanguard Group, Inc.	BUY	71.37	Ordinary	5,252	5,252
2-Jan-2019	The Vanguard Group, Inc.	BUY	71.37	Ordinary	2,828	2,828
2-Jan-2019	The Vanguard Group, Inc.	BUY	72.35	Ordinary	2,072	2,072
2-Jan-2019	The Vanguard Group, Inc.	BUY	71.37	Ordinary	6,834	6,834
2-Jan-2019	The Vanguard Group, Inc.	BUY	71.37	Ordinary	7,973	7,973
2-Jan-2019	The Vanguard Group, Inc.	BUY	71.37	Ordinary	2,164	2,164
3-Jan-2019	The Vanguard Group, Inc.	BUY	71.53	Ordinary	1,033	1,033
3-Jan-2019	The Vanguard Group, Inc.	BUY	71.53	Ordinary	1,251	1,251
3-Jan-2019	The Vanguard Group, Inc.	BUY	71.53	Ordinary	113,354	113,354
3-Jan-2019	The Vanguard Group, Inc.	BUY	71.53	Ordinary	31,140	31,140
3-Jan-2019	The Vanguard Group, Inc.	BUY	71.42	Ordinary	5,695	5,695
3-Jan-2019	The Vanguard Group, Inc.	BUY	71.42	Ordinary	2,164	2,164
4-Jan-2019	The Vanguard Group, Inc.	BUY	71.89	Ordinary	836	836
4-Jan-2019	The Vanguard Group, Inc.	BUY	71.41	Ordinary	45	45
4-Jan-2019	The Vanguard Group, Inc.	BUY	71.41	Ordinary	51,693	51,693
4-Jan-2019	The Vanguard Group, Inc.	BUY	71.41	Ordinary	20,097	20,097
7-Jan-2019	The Vanguard Group, Inc.	BUY	72.50	Ordinary	4,463	4,463
7-Jan-2019	The Vanguard Group, Inc.	BUY	72.67	Ordinary	2,338	2,338
8-Jan-2019	The Vanguard Group, Inc.	BUY	72.47	Ordinary	1,902	1,902
8-Jan-2019	The Vanguard Group, Inc.	BUY	72.47	Ordinary	248	248
8-Jan-2019	The Vanguard Group, Inc.	BUY	72.47	Ordinary	392	392
8-Jan-2019	The Vanguard Group, Inc.	SELL	72.38	Ordinary	(884)	(884)
8-Jan-2019	The Vanguard Group, Inc.	BUY	72.61	Ordinary	2,600	2,600
8-Jan-2019	The Vanguard Group, Inc.	SELL	72.43	Ordinary	(36,010)	(36,010)
9-Jan-2019	The Vanguard Group, Inc.	BUY	72.57	Ordinary	101	101
9-Jan-2019	The Vanguard Group, Inc.	BUY	72.57	Ordinary	10,293	10,293
9-Jan-2019	The Vanguard Group, Inc.	BUY	72.33	Ordinary	2,828	2,828
9-Jan-2019	The Vanguard Group, Inc.	SELL	72.37	Ordinary	(19,357)	(19,357)
10-Jan-2019	The Vanguard Group, Inc.	BUY	72.45	Ordinary	9,066	9,066
10-Jan-2019	The Vanguard Group, Inc.	BUY	72.75	Ordinary	4,720	4,720
10-Jan-2019	The Vanguard Group, Inc.	BUY	72.38	Ordinary	3,872	3,872
10-Jan-2019	The Vanguard Group, Inc.	BUY	72.75	Ordinary	4,328	4,328
10-Jan-2019	The Vanguard Group, Inc.	SELL	72.19	Ordinary	(18,509)	(18,509)
11-Jan-2019	The Vanguard Group, Inc.	BUY	71.75	Ordinary	1,770	1,770
11-Jan-2019	The Vanguard Group, Inc.	BUY	71.75	Ordinary	4,848	4,848
11-Jan-2019	The Vanguard Group, Inc.	BUY	71.75	Ordinary	1,040	1,040
14-Jan-2019	The Vanguard Group, Inc.	BUY	71.92	Ordinary	41	41
14-Jan-2019	The Vanguard Group, Inc.	BUY	72.02	Ordinary	2,828	2,828
15-Jan-2019	The Vanguard Group, Inc.	BUY	72.65	Ordinary	206	206
15-Jan-2019	The Vanguard Group, Inc.	BUY	72.46	Ordinary	7,738	7,738
15-Jan-2019	The Vanguard Group, Inc.	BUY	72.46	Ordinary	30,437	30,437
15-Jan-2019	The Vanguard Group, Inc.	SELL	72.65	Ordinary	(10,832)	(10,832)
16-Jan-2019	The Vanguard Group, Inc.	BUY	72.78	Ordinary	7,202	7,202
17-Jan-2019	The Vanguard Group, Inc.	BUY	72.77	Ordinary	1,759	1,759
17-Jan-2019	The Vanguard Group, Inc.	SELL	72.77	Ordinary	(13,812)	(13,812)
17-Jan-2019	The Vanguard Group, Inc.	BUY	72.91	Ordinary	884	884
17-Jan-2019	The Vanguard Group, Inc.	SELL	72.91	Ordinary	(1,981)	(1,981)
17-Jan-2019	The Vanguard Group, Inc.	BUY	72.91	Ordinary	4,584	4,584
17-Jan-2019	The Vanguard Group, Inc.	SELL	73.07	Ordinary	(11,448)	(11,448)
18-Jan-2019	The Vanguard Group, Inc.	SELL	73.23	Ordinary	(4,272)	(4,272)
18-Jan-2019	The Vanguard Group, Inc.	BUY	73.07	Ordinary	11,629	11,629
18-Jan-2019	The Vanguard Group, Inc.	SELL	73.09	Ordinary	(744)	(744)
21-Jan-2019	The Vanguard Group, Inc.	BUY	73.42	Ordinary	57	57
22-Jan-2019	The Vanguard Group, Inc.	BUY	72.18	Ordinary	814	814
22-Jan-2019	The Vanguard Group, Inc.	BUY	72.18	Ordinary	324	324
22-Jan-2019	The Vanguard Group, Inc.	BUY	72.18	Ordinary	342	342
22-Jan-2019	The Vanguard Group, Inc.	SELL	71.99	Ordinary	(11,448)	(11,448)
23-Jan-2019	The Vanguard Group, Inc.	BUY	72.13	Ordinary	1,727	1,727
23-Jan-2019	The Vanguard Group, Inc.	BUY	72.07	Ordinary	22,105	22,105

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
23-Jan-2019	The Vanguard Group, Inc.	BUY	72.07	Ordinary	10,181	10,181
23-Jan-2019	The Vanguard Group, Inc.	SELL	72.14	Ordinary	(24,804)	(24,804)
24-Jan-2019	The Vanguard Group, Inc.	BUY	72.51	Ordinary	1,091	1,091
24-Jan-2019	The Vanguard Group, Inc.	BUY	72.51	Ordinary	25,642	25,642
24-Jan-2019	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
29-Jan-2019	The Vanguard Group, Inc.	SELL	71.43	Ordinary	(15,264)	(15,264)
29-Jan-2019	The Vanguard Group, Inc.	SELL	71.43	Ordinary	(36,252)	(36,252)
29-Jan-2019	The Vanguard Group, Inc.	SELL	71.43	Ordinary	(15,264)	(15,264)
29-Jan-2019	The Vanguard Group, Inc.	SELL	71.43	Ordinary	(2,424)	(2,424)
29-Jan-2019	The Vanguard Group, Inc.	SELL	72.02	Ordinary	(635)	(635)
29-Jan-2019	The Vanguard Group, Inc.	SELL	71.43	Ordinary	(4,676)	(4,676)
30-Jan-2019	The Vanguard Group, Inc.	BUY	71.24	Ordinary	48,566	48,566
30-Jan-2019	The Vanguard Group, Inc.	BUY	71.23	Ordinary	55	55
30-Jan-2019	The Vanguard Group, Inc.	BUY	71.57	Ordinary	2,065	2,065
30-Jan-2019	The Vanguard Group, Inc.	SELL	71.23	Ordinary	(10,590)	(10,590)
30-Jan-2019	The Vanguard Group, Inc.	SELL	71.57	Ordinary	(7,014)	(7,014)
30-Jan-2019	The Vanguard Group, Inc.	SELL	71.24	Ordinary	(10,880)	(10,880)
31-Jan-2019	The Vanguard Group, Inc.	BUY	69.91	Ordinary	954	954
31-Jan-2019	The Vanguard Group, Inc.	BUY	69.91	Ordinary	215	215
31-Jan-2019	The Vanguard Group, Inc.	BUY	71.24	Ordinary	4,549	4,549
31-Jan-2019	The Vanguard Group, Inc.	SELL	70.10	Ordinary	(2,020)	(2,020)
31-Jan-2019	The Vanguard Group, Inc.	SELL	70.10	Ordinary	(19,873)	(19,873)
1-Feb-2019	The Vanguard Group, Inc.	BUY	69.23	Ordinary	57	57
1-Feb-2019	The Vanguard Group, Inc.	BUY	69.23	Ordinary	526	526
4-Feb-2019	The Vanguard Group, Inc.	BUY	69.45	Ordinary	821	821
4-Feb-2019	The Vanguard Group, Inc.	SELL	70.50	Ordinary	(3,232)	(3,232)
4-Feb-2019	The Vanguard Group, Inc.	SELL	70.50	Ordinary	(2,828)	(2,828)
5-Feb-2019	The Vanguard Group, Inc.	BUY	73.69	Ordinary	1,799	1,799
5-Feb-2019	The Vanguard Group, Inc.	BUY	73.69	Ordinary	64,895	64,895
5-Feb-2019	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
8-Feb-2019	The Vanguard Group, Inc.	BUY	73.97	Ordinary	28,582	28,582
8-Feb-2019	The Vanguard Group, Inc.	SELL	74.91	Ordinary	(14,950)	(14,950)
8-Feb-2019	The Vanguard Group, Inc.	BUY	73.97	Ordinary	4,724	4,724
11-Feb-2019	The Vanguard Group, Inc.	BUY	73.82	Ordinary	35,116	35,116
11-Feb-2019	The Vanguard Group, Inc.	BUY	74.59	Ordinary	4,404	4,404
11-Feb-2019	The Vanguard Group, Inc.	SELL	73.94	Ordinary	(10,350)	(10,350)
12-Feb-2019	The Vanguard Group, Inc.	SELL	73.33	Ordinary	(91,499)	(91,499)
12-Feb-2019	The Vanguard Group, Inc.	BUY	73.75	Ordinary	23,026	23,026
13-Feb-2019	The Vanguard Group, Inc.	BUY	71.70	Ordinary	85	85
13-Feb-2019	The Vanguard Group, Inc.	BUY	71.70	Ordinary	20,758	20,758
13-Feb-2019	The Vanguard Group, Inc.	BUY	71.21	Ordinary	9,141	9,141
13-Feb-2019	The Vanguard Group, Inc.	SELL	71.23	Ordinary	(6,900)	(6,900)
14-Feb-2019	The Vanguard Group, Inc.	BUY	71.14	Ordinary	24,877	24,877
14-Feb-2019	The Vanguard Group, Inc.	BUY	70.91	Ordinary	1,419	1,419
15-Feb-2019	The Vanguard Group, Inc.	SELL	70.50	Ordinary	(1,972)	(1,972)
15-Feb-2019	The Vanguard Group, Inc.	BUY	70.48	Ordinary	21,617	21,617
15-Feb-2019	The Vanguard Group, Inc.	SELL	71.17	Ordinary	(808)	(808)
15-Feb-2019	The Vanguard Group, Inc.	SELL	70.50	Ordinary	(540)	(540)
18-Feb-2019	The Vanguard Group, Inc.	BUY	70.97	Ordinary	6,231	6,231
18-Feb-2019	The Vanguard Group, Inc.	BUY	71.47	Ordinary	166	166

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)
20-Feb-2019	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)
21-Feb-2019	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
22-Feb-2019	The Vanguard Group, Inc.	BUY	73.18	Ordinary	14,083	14,083
22-Feb-2019	The Vanguard Group, Inc.	BUY	73.18	Ordinary	13,149	13,149
22-Feb-2019	The Vanguard Group, Inc.	SELL	73.94	Ordinary	(11,716)	(11,716)
22-Feb-2019	The Vanguard Group, Inc.	BUY	73.18	Ordinary	1,771	1,771
26-Feb-2019	The Vanguard Group, Inc.	BUY	73.15	Ordinary	540	540
26-Feb-2019	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
5-Mar-2019	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
7-Mar-2019	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
8-Mar-2019	The Vanguard Group, Inc.	BUY	73.16	Ordinary	9,575	9,575
8-Mar-2019	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
11-Mar-2019	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
14-Mar-2019	The Vanguard Group, Inc.	BUY	73.20	Ordinary	27,205	27,205
14-Mar-2019	The Vanguard Group, Inc.	SELL	72.93	Ordinary	(19,558)	(19,558)
15-Mar-2019	The Vanguard Group, Inc.	SELL	72.31	Ordinary	(3,986)	(3,986)
15-Mar-2019	The Vanguard Group, Inc.	SELL	72.31	Ordinary	(3,414)	(3,414)
15-Mar-2019	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
15-Mar-2019	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

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-Mar-2019	The Vanguard Group, Inc.	BUY	72.31	Ordinary	900	900
15-Mar-2019	The Vanguard Group, Inc.	BUY	72.31	Ordinary	1,301	1,301
15-Mar-2019	The Vanguard Group, Inc.	BUY	72.31	Ordinary	555	555
18-Mar-2019	The Vanguard Group, Inc.	BUY	72.04	Ordinary	4,466	4,466
19-Mar-2019	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
20-Mar-2019	The Vanguard Group, Inc.	BUY	71.09	Ordinary	37,710	37,710
20-Mar-2019	The Vanguard Group, Inc.	BUY	70.55	Ordinary	5,745	5,745
21-Mar-2019	The Vanguard Group, Inc.	BUY	70.93	Ordinary	630	630
21-Mar-2019	The Vanguard Group, Inc.	BUY	71.13	Ordinary	1,108	1,108
21-Mar-2019	The Vanguard Group, Inc.	BUY	70.53	Ordinary	180	180
22-Mar-2019	The Vanguard Group, Inc.	BUY	71.39	Ordinary	4,348	4,348
22-Mar-2019	The Vanguard Group, Inc.	BUY	71.39	Ordinary	14,732	14,732
25-Mar-2019	The Vanguard Group, Inc.	SELL	70.57	Ordinary	(12,602)	(12,602)
25-Mar-2019	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)
27-Mar-2019	The Vanguard Group, Inc.	SELL	70.60	Ordinary	(4,199)	(4,199)
27-Mar-2019	The Vanguard Group, Inc.	BUY	70.49	Ordinary	210	210
27-Mar-2019	The Vanguard Group, Inc.	BUY	70.49	Ordinary	34,303	34,303
27-Mar-2019	The Vanguard Group, Inc.	SELL	70.60	Ordinary	(1,140)	(1,140)
27-Mar-2019	The Vanguard Group, Inc.	BUY	70.67	Ordinary	2,150	2,150
27-Mar-2019	The Vanguard Group, Inc.	BUY	70.84	Ordinary	2,720	2,720
28-Mar-2019	The Vanguard Group, Inc.	SELL	70.91	Ordinary	(5,225)	(5,225)
28-Mar-2019	The Vanguard Group, Inc.	BUY	70.81	Ordinary	24,422	24,422
29-Mar-2019	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
29-Mar-2019	The Vanguard Group, Inc.	BUY	70.64	Ordinary	39,842	39,842
29-Mar-2019	The Vanguard Group, Inc.	SELL	70.69	Ordinary	(2,050)	(2,050)
1-Apr-2019	The Vanguard Group, Inc.	BUY	71.36	Ordinary	737	737
1-Apr-2019	The Vanguard Group, Inc.	BUY	71.61	Ordinary	7,660	7,660
1-Apr-2019	The Vanguard Group, Inc.	BUY	71.61	Ordinary	2,150	2,150
1-Apr-2019	The Vanguard Group, Inc.	BUY	71.00	Ordinary	1,715	1,715
2-Apr-2019	The Vanguard Group, Inc.	BUY	71.90	Ordinary	53	53
2-Apr-2019	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
4-Apr-2019	The Vanguard Group, Inc.	BUY	71.23	Ordinary	3,443	3,443
4-Apr-2019	The Vanguard Group, Inc.	SELL	71.23	Ordinary	(13,520)	(13,520)
4-Apr-2019	The Vanguard Group, Inc.	BUY	71.23	Ordinary	407	407
4-Apr-2019	The Vanguard Group, Inc.	BUY	71.52	Ordinary	9,300	9,300
5-Apr-2019	The Vanguard Group, Inc.	BUY	71.06	Ordinary	222	222
5-Apr-2019	The Vanguard Group, Inc.	BUY	71.00	Ordinary	6,380	6,380
5-Apr-2019	The Vanguard Group, Inc.	BUY	71.00	Ordinary	2,150	2,150
8-Apr-2019	The Vanguard Group, Inc.	SELL	70.71	Ordinary	(4,920)	(4,920)
8-Apr-2019	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)
9-Apr-2019	The Vanguard Group, Inc.	BUY	70.16	Ordinary	54,844	54,844
10-Apr-2019	The Vanguard Group, Inc.	BUY	70.75	Ordinary	1,833	1,833
10-Apr-2019	The Vanguard Group, Inc.	BUY	70.75	Ordinary	42,520	42,520
10-Apr-2019	The Vanguard Group, Inc.	BUY	70.75	Ordinary	919	919
10-Apr-2019	The Vanguard Group, Inc.	BUY	70.19	Ordinary	5,222	5,222
10-Apr-2019	The Vanguard Group, Inc.	BUY	70.19	Ordinary	100	100
10-Apr-2019	The Vanguard Group, Inc.	BUY	70.19	Ordinary	11,786	11,786
12-Apr-2019	The Vanguard Group, Inc.	BUY	70.95	Ordinary	149	149
12-Apr-2019	The Vanguard Group, Inc.	BUY	71.63	Ordinary	12,974	12,974
12-Apr-2019	The Vanguard Group, Inc.	BUY	70.95	Ordinary	14,405	14,405
15-Apr-2019	The Vanguard Group, Inc.	BUY	71.96	Ordinary	6,486	6,486
15-Apr-2019	The Vanguard Group, Inc.	BUY	71.96	Ordinary	2,897	2,897
15-Apr-2019	The Vanguard Group, Inc.	SELL	72.15	Ordinary	(2,870)	(2,870)
16-Apr-2019	The Vanguard Group, Inc.	BUY	72.69	Ordinary	903	903
16-Apr-2019	The Vanguard Group, Inc.	BUY	72.13	Ordinary	10,274	10,274
16-Apr-2019	The Vanguard Group, Inc.	BUY	72.68	Ordinary	992	992
17-Apr-2019	The Vanguard Group, Inc.	BUY	73.11	Ordinary	29,012	29,012
18-Apr-2019	The Vanguard Group, Inc.	BUY	73.41	Ordinary	22,119	22,119

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
23-Apr-2019	The Vanguard Group, Inc.	SELL	74.20	Ordinary	(9,924)	(9,924)
23-Apr-2019	The Vanguard Group, Inc.	BUY	74.53	Ordinary	6,462	6,462
23-Apr-2019	The Vanguard Group, Inc.	SELL	74.53	Ordinary	(1,640)	(1,640)
24-Apr-2019	The Vanguard Group, Inc.	BUY	75.16	Ordinary	1,695	1,695
24-Apr-2019	The Vanguard Group, Inc.	BUY	74.57	Ordinary	171	171
24-Apr-2019	The Vanguard Group, Inc.	BUY	74.57	Ordinary	35,155	35,155
24-Apr-2019	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
7-May-2019	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
7-May-2019	The Vanguard Group, Inc.	BUY	75.19	Ordinary	24,213	24,213
8-May-2019	The Vanguard Group, Inc.	BUY	74.74	Ordinary	1,482	1,482
8-May-2019	The Vanguard Group, Inc.	BUY	74.74	Ordinary	630	630
8-May-2019	The Vanguard Group, Inc.	BUY	74.49	Ordinary	8,504	8,504
8-May-2019	The Vanguard Group, Inc.	BUY	74.49	Ordinary	82	82
8-May-2019	The Vanguard Group, Inc.	SELL	74.70	Ordinary	(10,026)	(10,026)
8-May-2019	The Vanguard Group, Inc.	BUY	74.49	Ordinary	40,632	40,632
8-May-2019	The Vanguard Group, Inc.	BUY	74.49	Ordinary	11,040	11,040
8-May-2019	The Vanguard Group, Inc.	BUY	74.70	Ordinary	1,494	1,494
8-May-2019	The Vanguard Group, Inc.	BUY	74.74	Ordinary	1,298	1,298
8-May-2019	The Vanguard Group, Inc.	BUY	74.74	Ordinary	858	858
9-May-2019	The Vanguard Group, Inc.	BUY	75.17	Ordinary	291	291
9-May-2019	The Vanguard Group, Inc.	BUY	74.72	Ordinary	27,043	27,043
9-May-2019	The Vanguard Group, Inc.	BUY	75.16	Ordinary	11,490	11,490
9-May-2019	The Vanguard Group, Inc.	BUY	75.16	Ordinary	2,148	2,148
10-May-2019	The Vanguard Group, Inc.	BUY	75.40	Ordinary	630	630
10-May-2019	The Vanguard Group, Inc.	SELL	75.40	Ordinary	(27,860)	(27,860)
10-May-2019	The Vanguard Group, Inc.	BUY	75.40	Ordinary	1,941	1,941
10-May-2019	The Vanguard Group, Inc.	BUY	75.13	Ordinary	24,721	24,721
10-May-2019	The Vanguard Group, Inc.	BUY	75.13	Ordinary	9,072	9,072
13-May-2019	The Vanguard Group, Inc.	BUY	73.50	Ordinary	827	827
13-May-2019	The Vanguard Group, Inc.	BUY	73.90	Ordinary	4,570	4,570
14-May-2019	The Vanguard Group, Inc.	BUY	72.40	Ordinary	903	903
14-May-2019	The Vanguard Group, Inc.	BUY	72.57	Ordinary	218	218
14-May-2019	The Vanguard Group, Inc.	BUY	72.70	Ordinary	4,040	4,040
14-May-2019	The Vanguard Group, Inc.	BUY	72.70	Ordinary	332	332
14-May-2019	The Vanguard Group, Inc.	SELL	72.78	Ordinary	(10,026)	(10,026)
14-May-2019	The Vanguard Group, Inc.	BUY	72.70	Ordinary	30,244	30,244
14-May-2019	The Vanguard Group, Inc.	BUY	72.78	Ordinary	4,916	4,916
14-May-2019	The Vanguard Group, Inc.	BUY	72.78	Ordinary	1,074	1,074
15-May-2019	The Vanguard Group, Inc.	BUY	72.54	Ordinary	23,346	23,346
15-May-2019	The Vanguard Group, Inc.	BUY	72.53	Ordinary	62,998	62,998
15-May-2019	The Vanguard Group, Inc.	BUY	72.53	Ordinary	3,912	3,912
16-May-2019	The Vanguard Group, Inc.	BUY	73.28	Ordinary	275,619	275,619
16-May-2019	The Vanguard Group, Inc.	BUY	72.93	Ordinary	3,756	3,756
16-May-2019	The Vanguard Group, Inc.	BUY	72.93	Ordinary	20,602	20,602
17-May-2019	The Vanguard Group, Inc.	BUY	72.83	Ordinary	1,281	1,281
17-May-2019	The Vanguard Group, Inc.	BUY	73.34	Ordinary	291	291
17-May-2019	The Vanguard Group, Inc.	BUY	73.34	Ordinary	46,154	46,154
17-May-2019	The Vanguard Group, Inc.	BUY	73.34	Ordinary	22,160	22,160

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-May-2019	The Vanguard Group, Inc.	BUY	77.14	Ordinary	3,590	3,590
21-May-2019	The Vanguard Group, Inc.	BUY	78.97	Ordinary	341	341
21-May-2019	The Vanguard Group, Inc.	BUY	78.97	Ordinary	8,375	8,375
21-May-2019	The Vanguard Group, Inc.	BUY	79.25	Ordinary	92,558	92,558
21-May-2019	The Vanguard Group, Inc.	BUY	79.25	Ordinary	10,442	10,442
22-May-2019	The Vanguard Group, Inc.	BUY	79.00	Ordinary	8,230	8,230
22-May-2019	The Vanguard Group, Inc.	BUY	78.52	Ordinary	54,102	54,102
22-May-2019	The Vanguard Group, Inc.	BUY	78.52	Ordinary	5,308	5,308
23-May-2019	The Vanguard Group, Inc.	BUY	78.15	Ordinary	692	692
23-May-2019	The Vanguard Group, Inc.	BUY	78.48	Ordinary	26,113	26,113
24-May-2019	The Vanguard Group, Inc.	BUY	78.18	Ordinary	2,929	2,929
24-May-2019	The Vanguard Group, Inc.	BUY	77.62	Ordinary	244	244
24-May-2019	The Vanguard Group, Inc.	BUY	77.62	Ordinary	18,006	18,006
28-May-2019	The Vanguard Group, Inc.	BUY	78.04	Ordinary	7,898	7,898
28-May-2019	The Vanguard Group, Inc.	BUY	77.61	Ordinary	9,575	9,575
28-May-2019	The Vanguard Group, Inc.	SELL	78.07	Ordinary	(216)	(216)
28-May-2019	The Vanguard Group, Inc.	SELL	78.07	Ordinary	(23,629)	(23,629)
29-May-2019	The Vanguard Group, Inc.	SELL	77.89	Ordinary	(1,285)	(1,285)
29-May-2019	The Vanguard Group, Inc.	BUY	77.89	Ordinary	1,720	1,720
29-May-2019	The Vanguard Group, Inc.	BUY	77.53	Ordinary	3,264	3,264
29-May-2019	The Vanguard Group, Inc.	BUY	77.53	Ordinary	13,338	13,338
29-May-2019	The Vanguard Group, Inc.	SELL	77.85	Ordinary	(4,100)	(4,100)
30-May-2019	The Vanguard Group, Inc.	BUY	78.20	Ordinary	630	630
30-May-2019	The Vanguard Group, Inc.	BUY	77.52	Ordinary	31	31
30-May-2019	The Vanguard Group, Inc.	BUY	77.52	Ordinary	45,063	45,063
31-May-2019	The Vanguard Group, Inc.	SELL	78.51	Ordinary	(48,946)	(48,946)
31-May-2019	The Vanguard Group, Inc.	BUY	78.06	Ordinary	92	92
31-May-2019	The Vanguard Group, Inc.	BUY	78.51	Ordinary	60	60
31-May-2019	The Vanguard Group, Inc.	BUY	78.06	Ordinary	24,250	24,250
31-May-2019	The Vanguard Group, Inc.	BUY	78.06	Ordinary	2,332	2,332
31-May-2019	The Vanguard Group, Inc.	BUY	78.06	Ordinary	1,503	1,503
3-Jun-2019	The Vanguard Group, Inc.	SELL	78.06	Ordinary	(603)	(603)
3-Jun-2019	The Vanguard Group, Inc.	BUY	77.90	Ordinary	3,770	3,770
3-Jun-2019	The Vanguard Group, Inc.	BUY	78.06	Ordinary	3,761	3,761
4-Jun-2019	The Vanguard Group, Inc.	BUY	78.26	Ordinary	17,199	17,199
4-Jun-2019	The Vanguard Group, Inc.	BUY	78.26	Ordinary	4,807	4,807
4-Jun-2019	The Vanguard Group, Inc.	SELL	79.04	Ordinary	(2,050)	(2,050)
5-Jun-2019	The Vanguard Group, Inc.	SELL	79.39	Ordinary	(3,468)	(3,468)
5-Jun-2019	The Vanguard Group, Inc.	SELL	79.67	Ordinary	(13,368)	(13,368)
5-Jun-2019	The Vanguard Group, Inc.	SELL	79.67	Ordinary	(6,684)	(6,684)
5-Jun-2019	The Vanguard Group, Inc.	BUY	79.05	Ordinary	34,289	34,289
5-Jun-2019	The Vanguard Group, Inc.	SELL	79.00	Ordinary	(563)	(563)
6-Jun-2019	The Vanguard Group, Inc.	BUY	79.72	Ordinary	929	929
6-Jun-2019	The Vanguard Group, Inc.	SELL	79.72	Ordinary	(58,856)	(58,856)
6-Jun-2019	The Vanguard Group, Inc.	BUY	79.47	Ordinary	116	116
6-Jun-2019	The Vanguard Group, Inc.	BUY	79.94	Ordinary	2,272	2,272
7-Jun-2019	The Vanguard Group, Inc.	BUY	80.00	Ordinary	6,532	6,532
7-Jun-2019	The Vanguard Group, Inc.	BUY	80.00	Ordinary	439	439
7-Jun-2019	The Vanguard Group, Inc.	BUY	79.82	Ordinary	24,831	24,831
7-Jun-2019	The Vanguard Group, Inc.	BUY	80.15	Ordinary	2,272	2,272
7-Jun-2019	The Vanguard Group, Inc.	BUY	80.15	Ordinary	996	996
10-Jun-2019	The Vanguard Group, Inc.	BUY	80.48	Ordinary	4,524	4,524
10-Jun-2019	The Vanguard Group, Inc.	BUY	80.48	Ordinary	1,494	1,494
11-Jun-2019	The Vanguard Group, Inc.	BUY	80.95	Ordinary	630	630
11-Jun-2019	The Vanguard Group, Inc.	BUY	80.95	Ordinary	380	380
11-Jun-2019	The Vanguard Group, Inc.	BUY	80.95	Ordinary	142	142
11-Jun-2019	The Vanguard Group, Inc.	BUY	80.10	Ordinary	33	33
11-Jun-2019	The Vanguard Group, Inc.	SELL	80.82	Ordinary	(8,400)	(8,400)
11-Jun-2019	The Vanguard Group, Inc.	BUY	80.10	Ordinary	8,971	8,971
12-Jun-2019	The Vanguard Group, Inc.	BUY	79.87	Ordinary	25,139	25,139
12-Jun-2019	The Vanguard Group, Inc.	BUY	79.87	Ordinary	1,272	1,272
12-Jun-2019	The Vanguard Group, Inc.	BUY	81.03	Ordinary	11,861	11,861
12-Jun-2019	The Vanguard Group, Inc.	BUY	79.81	Ordinary	4,524	4,524
13-Jun-2019	The Vanguard Group, Inc.	BUY	80.53	Ordinary	1,508	1,508
13-Jun-2019	The Vanguard Group, Inc.	SELL	80.27	Ordinary	(58,041)	(58,041)
14-Jun-2019	The Vanguard Group, Inc.	SELL	79.81	Ordinary	(93)	(93)
14-Jun-2019	The Vanguard Group, Inc.	SELL	79.81	Ordinary	(20)	(20)
14-Jun-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
14-Jun-2019	The Vanguard Group, Inc.	BUY	79.86	Ordinary	1,000	1,000
14-Jun-2019	The Vanguard Group, Inc.	SELL	79.59	Ordinary	(46,987)	(46,987)
17-Jun-2019	The Vanguard Group, Inc.	BUY	80.19	Ordinary	929	929
17-Jun-2019	The Vanguard Group, Inc.	SELL	80.19	Ordinary	(14,619)	(14,619)
18-Jun-2019	The Vanguard Group, Inc.	SELL	80.70	Ordinary	(13,710)	(13,710)
18-Jun-2019	The Vanguard Group, Inc.	BUY	80.74	Ordinary	29,547	29,547
18-Jun-2019	The Vanguard Group, Inc.	BUY	81.74	Ordinary	2,308	2,308
19-Jun-2019	The Vanguard Group, Inc.	SELL	81.70	Ordinary	(6,932)	(6,932)
19-Jun-2019	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
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	696	696
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	6	6
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	4	4
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	465	465
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	408	408
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	3	3
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	150	150
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	875	875
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	5	5
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	544	544
21-Jun-2019	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
21-Jun-2019	The Vanguard Group, Inc.	SELL	82.24	Ordinary	(1,860)	(1,860)
21-Jun-2019	The Vanguard Group, Inc.	BUY	82.24	Ordinary	1,468	1,468
24-Jun-2019	The Vanguard Group, Inc.	BUY	82.70	Ordinary	532	532
24-Jun-2019	The Vanguard Group, Inc.	BUY	82.59	Ordinary	9,624	9,624
25-Jun-2019	The Vanguard Group, Inc.	BUY	82.38	Ordinary	3,627	3,627
25-Jun-2019	The Vanguard Group, Inc.	BUY	82.47	Ordinary	9,802	9,802
25-Jun-2019	The Vanguard Group, Inc.	SELL	82.12	Ordinary	(5,040)	(5,040)
25-Jun-2019	The Vanguard Group, Inc.	BUY	82.47	Ordinary	21,207	21,207
25-Jun-2019	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
26-Jun-2019	The Vanguard Group, Inc.	BUY	82.29	Ordinary	380	380
26-Jun-2019	The Vanguard Group, Inc.	BUY	82.09	Ordinary	4,524	4,524
26-Jun-2019	The Vanguard Group, Inc.	BUY	82.09	Ordinary	2,639	2,639
26-Jun-2019	The Vanguard Group, Inc.	BUY	82.29	Ordinary	5,545	5,545
27-Jun-2019	The Vanguard Group, Inc.	SELL	83.00	Ordinary	(1,394)	(1,394)
27-Jun-2019	The Vanguard Group, Inc.	BUY	82.12	Ordinary	12,470	12,470
27-Jun-2019	The Vanguard Group, Inc.	BUY	82.12	Ordinary	11,986	11,986
27-Jun-2019	The Vanguard Group, Inc.	BUY	82.12	Ordinary	2,019	2,019
28-Jun-2019	The Vanguard Group, Inc.	SELL	82.78	Ordinary	(193)	(193)
28-Jun-2019	The Vanguard Group, Inc.	SELL	82.78	Ordinary	(59)	(59)
28-Jun-2019	The Vanguard Group, Inc.	BUY	82.78	Ordinary	58,574	58,574
28-Jun-2019	The Vanguard Group, Inc.	BUY	82.88	Ordinary	4,950	4,950
1-Jul-2019	The Vanguard Group, Inc.	BUY	83.50	Ordinary	2,446	2,446
1-Jul-2019	The Vanguard Group, Inc.	BUY	83.50	Ordinary	936	936
1-Jul-2019	The Vanguard Group, Inc.	BUY	82.28	Ordinary	990	990
2-Jul-2019	The Vanguard Group, Inc.	BUY	81.05	Ordinary	32,740	32,740
2-Jul-2019	The Vanguard Group, Inc.	SELL	81.05	Ordinary	(21)	(21)
2-Jul-2019	The Vanguard Group, Inc.	BUY	82.22	Ordinary	5,883	5,883
2-Jul-2019	The Vanguard Group, Inc.	BUY	81.03	Ordinary	3,393	3,393
3-Jul-2019	The Vanguard Group, Inc.	BUY	80.55	Ordinary	8,855	8,855
3-Jul-2019	The Vanguard Group, Inc.	BUY	80.55	Ordinary	6,614	6,614
3-Jul-2019	The Vanguard Group, Inc.	BUY	80.55	Ordinary	779	779
3-Jul-2019	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
4-Jul-2019	The Vanguard Group, Inc.	BUY	81.44	Ordinary	192	192
5-Jul-2019	The Vanguard Group, Inc.	BUY	82.26	Ordinary	468	468
5-Jul-2019	The Vanguard Group, Inc.	BUY	82.29	Ordinary	7,720	7,720
8-Jul-2019	The Vanguard Group, Inc.	BUY	82.00	Ordinary	493	493
9-Jul-2019	The Vanguard Group, Inc.	BUY	80.97	Ordinary	802	802
9-Jul-2019	The Vanguard Group, Inc.	BUY	80.97	Ordinary	929	929

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-Jul-2019	The Vanguard Group, Inc.	BUY	80.69	Ordinary	14,577	14,577
9-Jul-2019	The Vanguard Group, Inc.	BUY	81.26	Ordinary	3,770	3,770
10-Jul-2019	The Vanguard Group, Inc.	BUY	81.24	Ordinary	5,264	5,264
10-Jul-2019	The Vanguard Group, Inc.	BUY	81.54	Ordinary	19,453	19,453
10-Jul-2019	The Vanguard Group, Inc.	BUY	81.54	Ordinary	15,202	15,202
10-Jul-2019	The Vanguard Group, Inc.	BUY	81.54	Ordinary	782	782
10-Jul-2019	The Vanguard Group, Inc.	BUY	81.54	Ordinary	6,996	6,996
11-Jul-2019	The Vanguard Group, Inc.	BUY	80.88	Ordinary	637	637
11-Jul-2019	The Vanguard Group, Inc.	BUY	80.88	Ordinary	849	849
12-Jul-2019	The Vanguard Group, Inc.	SELL	81.52	Ordinary	(26,968)	(26,968)
12-Jul-2019	The Vanguard Group, Inc.	BUY	81.58	Ordinary	7,483	7,483
12-Jul-2019	The Vanguard Group, Inc.	BUY	81.58	Ordinary	13,888	13,888
12-Jul-2019	The Vanguard Group, Inc.	SELL	81.52	Ordinary	(7,696)	(7,696)
15-Jul-2019	The Vanguard Group, Inc.	BUY	80.98	Ordinary	11,580	11,580
15-Jul-2019	The Vanguard Group, Inc.	SELL	81.06	Ordinary	(2,413)	(2,413)
16-Jul-2019	The Vanguard Group, Inc.	BUY	80.97	Ordinary	114	114
16-Jul-2019	The Vanguard Group, Inc.	BUY	80.97	Ordinary	17,688	17,688
17-Jul-2019	The Vanguard Group, Inc.	SELL	81.32	Ordinary	(1,080)	(1,080)
17-Jul-2019	The Vanguard Group, Inc.	BUY	80.82	Ordinary	18,914	18,914
17-Jul-2019	The Vanguard Group, Inc.	BUY	81.12	Ordinary	2,639	2,639
17-Jul-2019	The Vanguard Group, Inc.	BUY	81.12	Ordinary	1,885	1,885
17-Jul-2019	The Vanguard Group, Inc.	BUY	81.12	Ordinary	3,770	3,770
18-Jul-2019	The Vanguard Group, Inc.	SELL	81.15	Ordinary	(4,834)	(4,834)
18-Jul-2019	The Vanguard Group, Inc.	BUY	81.38	Ordinary	756	756
18-Jul-2019	The Vanguard Group, Inc.	BUY	81.15	Ordinary	12,519	12,519
19-Jul-2019	The Vanguard Group, Inc.	BUY	81.86	Ordinary	2,156	2,156
22-Jul-2019	The Vanguard Group, Inc.	SELL	81.85	Ordinary	(31,182)	(31,182)
22-Jul-2019	The Vanguard Group, Inc.	BUY	81.96	Ordinary	3,770	3,770
22-Jul-2019	The Vanguard Group, Inc.	BUY	81.96	Ordinary	9,650	9,650
22-Jul-2019	The Vanguard Group, Inc.	BUY	81.96	Ordinary	9,650	9,650
22-Jul-2019	The Vanguard Group, Inc.	BUY	81.96	Ordinary	2,156	2,156
23-Jul-2019	The Vanguard Group, Inc.	BUY	81.55	Ordinary	630	630
23-Jul-2019	The Vanguard Group, Inc.	BUY	81.55	Ordinary	2,327	2,327
23-Jul-2019	The Vanguard Group, Inc.	BUY	81.89	Ordinary	5,452	5,452
23-Jul-2019	The Vanguard Group, Inc.	BUY	81.89	Ordinary	204	204
23-Jul-2019	The Vanguard Group, Inc.	BUY	81.80	Ordinary	3,770	3,770
24-Jul-2019	The Vanguard Group, Inc.	BUY	81.98	Ordinary	39,293	39,293
25-Jul-2019	The Vanguard Group, Inc.	BUY	82.73	Ordinary	9,975	9,975
25-Jul-2019	The Vanguard Group, Inc.	BUY	82.77	Ordinary	3,738	3,738
26-Jul-2019	The Vanguard Group, Inc.	SELL	82.59	Ordinary	(6,894)	(6,894)
26-Jul-2019	The Vanguard Group, Inc.	BUY	82.59	Ordinary	476	476
26-Jul-2019	The Vanguard Group, Inc.	BUY	83.02	Ordinary	15,627	15,627
26-Jul-2019	The Vanguard Group, Inc.	BUY	82.89	Ordinary	3,393	3,393
26-Jul-2019	The Vanguard Group, Inc.	BUY	82.89	Ordinary	6,230	6,230
26-Jul-2019	The Vanguard Group, Inc.	BUY	82.89	Ordinary	2,156	2,156
29-Jul-2019	The Vanguard Group, Inc.	SELL	83.25	Ordinary	(38,429)	(38,429)
30-Jul-2019	The Vanguard Group, Inc.	BUY	83.45	Ordinary	3,469	3,469
30-Jul-2019	The Vanguard Group, Inc.	BUY	83.40	Ordinary	22,884	22,884
30-Jul-2019	The Vanguard Group, Inc.	SELL	83.46	Ordinary	(6,720)	(6,720)
30-Jul-2019	The Vanguard Group, Inc.	SELL	83.49	Ordinary	(564)	(564)
30-Jul-2019	The Vanguard Group, Inc.	BUY	83.46	Ordinary	980	980
31-Jul-2019	The Vanguard Group, Inc.	BUY	82.07	Ordinary	3,393	3,393
1-Aug-2019	The Vanguard Group, Inc.	SELL	81.92	Ordinary	(66,424)	(66,424)
1-Aug-2019	The Vanguard Group, Inc.	SELL	81.50	Ordinary	(621)	(621)
1-Aug-2019	The Vanguard Group, Inc.	SELL	81.50	Ordinary	(983)	(983)
1-Aug-2019	The Vanguard Group, Inc.	BUY	81.82	Ordinary	73,185	73,185
1-Aug-2019	The Vanguard Group, Inc.	BUY	81.57	Ordinary	17,370	17,370
2-Aug-2019	The Vanguard Group, Inc.	BUY	81.60	Ordinary	249	249
2-Aug-2019	The Vanguard Group, Inc.	BUY	81.60	Ordinary	45,686	45,686
2-Aug-2019	The Vanguard Group, Inc.	BUY	81.75	Ordinary	4,984	4,984
5-Aug-2019	The Vanguard Group, Inc.	BUY	81.21	Ordinary	1,260	1,260
5-Aug-2019	The Vanguard Group, Inc.	BUY	80.54	Ordinary	3,770	3,770
5-Aug-2019	The Vanguard Group, Inc.	BUY	82.00	Ordinary	7,023	7,023
5-Aug-2019	The Vanguard Group, Inc.	SELL	80.54	Ordinary	(2,075)	(2,075)
5-Aug-2019	The Vanguard Group, Inc.	SELL	80.54	Ordinary	(830)	(830)
5-Aug-2019	The Vanguard Group, Inc.	BUY	80.54	Ordinary	6,230	6,230
5-Aug-2019	The Vanguard Group, Inc.	BUY	82.00	Ordinary	3,019	3,019
6-Aug-2019	The Vanguard Group, Inc.	BUY	79.80	Ordinary	3,860	3,860

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
6-Aug-2019	The Vanguard Group, Inc.	BUY	79.77	Ordinary	17,010	17,010
6-Aug-2019	The Vanguard Group, Inc.	BUY	79.80	Ordinary	953	953
6-Aug-2019	The Vanguard Group, Inc.	BUY	79.71	Ordinary	43,328	43,328
6-Aug-2019	The Vanguard Group, Inc.	SELL	80.30	Ordinary	(7,055)	(7,055)
6-Aug-2019	The Vanguard Group, Inc.	SELL	80.30	Ordinary	(3,320)	(3,320)
6-Aug-2019	The Vanguard Group, Inc.	BUY	80.30	Ordinary	1,095	1,095
6-Aug-2019	The Vanguard Group, Inc.	BUY	80.30	Ordinary	1,000	1,000
7-Aug-2019	The Vanguard Group, Inc.	BUY	77.78	Ordinary	42,841	42,841
7-Aug-2019	The Vanguard Group, Inc.	BUY	77.78	Ordinary	9,535	9,535
7-Aug-2019	The Vanguard Group, Inc.	SELL	77.81	Ordinary	(700)	(700)
7-Aug-2019	The Vanguard Group, Inc.	BUY	77.78	Ordinary	23,375	23,375
7-Aug-2019	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
9-Aug-2019	The Vanguard Group, Inc.	BUY	79.54	Ordinary	669	669
9-Aug-2019	The Vanguard Group, Inc.	BUY	79.54	Ordinary	23,851	23,851
9-Aug-2019	The Vanguard Group, Inc.	BUY	79.35	Ordinary	3,285	3,285
12-Aug-2019	The Vanguard Group, Inc.	BUY	79.94	Ordinary	630	630
12-Aug-2019	The Vanguard Group, Inc.	BUY	79.46	Ordinary	112	112
12-Aug-2019	The Vanguard Group, Inc.	BUY	79.64	Ordinary	6,032	6,032
13-Aug-2019	The Vanguard Group, Inc.	BUY	79.46	Ordinary	1,151	1,151
13-Aug-2019	The Vanguard Group, Inc.	SELL	79.77	Ordinary	(11,760)	(11,760)
13-Aug-2019	The Vanguard Group, Inc.	BUY	79.55	Ordinary	13,857	13,857
13-Aug-2019	The Vanguard Group, Inc.	BUY	79.55	Ordinary	10,262	10,262
13-Aug-2019	The Vanguard Group, Inc.	BUY	79.77	Ordinary	2,190	2,190
14-Aug-2019	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
15-Aug-2019	The Vanguard Group, Inc.	BUY	74.34	Ordinary	1,281	1,281
15-Aug-2019	The Vanguard Group, Inc.	BUY	75.10	Ordinary	39	39
15-Aug-2019	The Vanguard Group, Inc.	SELL	74.21	Ordinary	(10,080)	(10,080)
15-Aug-2019	The Vanguard Group, Inc.	BUY	75.10	Ordinary	50,326	50,326
15-Aug-2019	The Vanguard Group, Inc.	BUY	75.10	Ordinary	2,099	2,099
16-Aug-2019	The Vanguard Group, Inc.	BUY	75.12	Ordinary	4,295	4,295
16-Aug-2019	The Vanguard Group, Inc.	BUY	75.12	Ordinary	1,139	1,139
16-Aug-2019	The Vanguard Group, Inc.	BUY	74.73	Ordinary	47,975	47,975
16-Aug-2019	The Vanguard Group, Inc.	BUY	75.12	Ordinary	24,889	24,889
16-Aug-2019	The Vanguard Group, Inc.	BUY	75.12	Ordinary	4,065	4,065
19-Aug-2019	The Vanguard Group, Inc.	BUY	76.29	Ordinary	19,078	19,078
19-Aug-2019	The Vanguard Group, Inc.	SELL	76.29	Ordinary	(1,247)	(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)
20-Aug-2019	The Vanguard Group, Inc.	BUY	76.71	Ordinary	67	67
20-Aug-2019	The Vanguard Group, Inc.	BUY	76.71	Ordinary	37,703	37,703
20-Aug-2019	The Vanguard Group, Inc.	SELL	76.91	Ordinary	(1,720)	(1,720)
20-Aug-2019	The Vanguard Group, Inc.	BUY	76.91	Ordinary	1,000	1,000
22-Aug-2019	The Vanguard Group, Inc.	BUY	77.48	Ordinary	266	266
22-Aug-2019	The Vanguard Group, Inc.	BUY	77.07	Ordinary	7,540	7,540
22-Aug-2019	The Vanguard Group, Inc.	SELL	77.34	Ordinary	(28,555)	(28,555)
23-Aug-2019	The Vanguard Group, Inc.	BUY	76.48	Ordinary	1,000	1,000
23-Aug-2019	The Vanguard Group, Inc.	BUY	77.02	Ordinary	3,581	3,581
27-Aug-2019	The Vanguard Group, Inc.	BUY	77.15	Ordinary	2,919	2,919
27-Aug-2019	The Vanguard Group, Inc.	BUY	77.15	Ordinary	215	215
27-Aug-2019	The Vanguard Group, Inc.	SELL	77.12	Ordinary	(7,778)	(7,778)
27-Aug-2019	The Vanguard Group, Inc.	BUY	76.90	Ordinary	22,725	22,725
28-Aug-2019	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
30-Aug-2019	The Vanguard Group, Inc.	BUY	79.05	Ordinary	24,266	24,266
2-Sep-2019	The Vanguard Group, Inc.	BUY	78.94	Ordinary	17,731	17,731
2-Sep-2019	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)	(3,684)
6-Sep-2019	The Vanguard Group, Inc.	BUY	79.54	Ordinary	749	749
6-Sep-2019	The Vanguard Group, Inc.	BUY	79.51	Ordinary	10,107	10,107
6-Sep-2019	The Vanguard Group, Inc.	SELL	79.51	Ordinary	(569)	(569)
9-Sep-2019	The Vanguard Group, Inc.	BUY	79.88	Ordinary	4,901	4,901
10-Sep-2019	The Vanguard Group, Inc.	SELL	79.99	Ordinary	(223)	(223)
11-Sep-2019	The Vanguard Group, Inc.	BUY	80.90	Ordinary	4,901	4,901
12-Sep-2019	The Vanguard Group, Inc.	BUY	81.29	Ordinary	159	159
12-Sep-2019	The Vanguard Group, Inc.	BUY	81.29	Ordinary	11,618	11,618
12-Sep-2019	The Vanguard Group, Inc.	BUY	81.55	Ordinary	3,770	3,770
13-Sep-2019	The Vanguard Group, Inc.	SELL	81.75	Ordinary	(429)	(429)
16-Sep-2019	The Vanguard Group, Inc.	BUY	81.69	Ordinary	9,769	9,769
16-Sep-2019	The Vanguard Group, Inc.	BUY	81.83	Ordinary	5,049	5,049
16-Sep-2019	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	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)
20-Sep-2019	The Vanguard Group, Inc.	SELL	82.19	Ordinary	(253,993)	(253,993)
20-Sep-2019	The Vanguard Group, Inc.	BUY	82.18	Ordinary	6,574	6,574
20-Sep-2019	The Vanguard Group, Inc.	SELL	82.19	Ordinary	(6,641)	(6,641)
20-Sep-2019	The Vanguard Group, Inc.	SELL	82.19	Ordinary	(1,142)	(1,142)
20-Sep-2019	The Vanguard Group, Inc.	BUY	82.18	Ordinary	307	307
20-Sep-2019	The Vanguard Group, Inc.	SELL	82.19	Ordinary	(4,060)	(4,060)
20-Sep-2019	The Vanguard Group, Inc.	BUY	82.18	Ordinary	1,191	1,191
23-Sep-2019	The Vanguard Group, Inc.	BUY	82.06	Ordinary	3,770	3,770
24-Sep-2019	The Vanguard Group, Inc.	BUY	82.10	Ordinary	2,329	2,329
24-Sep-2019	The Vanguard Group, Inc.	BUY	82.10	Ordinary	26,825	26,825
24-Sep-2019	The Vanguard Group, Inc.	SELL	82.10	Ordinary	(1,193)	(1,193)
24-Sep-2019	The Vanguard Group, Inc.	BUY	82.10	Ordinary	765	765
25-Sep-2019	The Vanguard Group, Inc.	BUY	81.58	Ordinary	386	386
25-Sep-2019	The Vanguard Group, Inc.	BUY	81.58	Ordinary	26,382	26,382
25-Sep-2019	The Vanguard Group, Inc.	BUY	81.71	Ordinary	134	134
25-Sep-2019	The Vanguard Group, Inc.	BUY	81.71	Ordinary	982	982
25-Sep-2019	The Vanguard Group, Inc.	BUY	81.86	Ordinary	3,770	3,770
26-Sep-2019	The Vanguard Group, Inc.	BUY	81.71	Ordinary	5,106	5,106
26-Sep-2019	The Vanguard Group, Inc.	BUY	81.18	Ordinary	8,092	8,092
26-Sep-2019	The Vanguard Group, Inc.	BUY	81.71	Ordinary	8,202	8,202
27-Sep-2019	The Vanguard Group, Inc.	BUY	81.54	Ordinary	618	618
27-Sep-2019	The Vanguard Group, Inc.	SELL	81.54	Ordinary	(792)	(792)
30-Sep-2019	The Vanguard Group, Inc.	SELL	81.51	Ordinary	(3,819)	(3,819)
30-Sep-2019	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
1-Oct-2019	The Vanguard Group, Inc.	BUY	81.28	Ordinary	3,444	3,444
1-Oct-2019	The Vanguard Group, Inc.	BUY	81.28	Ordinary	941	941
1-Oct-2019	The Vanguard Group, Inc.	BUY	81.28	Ordinary	31	31
2-Oct-2019	The Vanguard Group, Inc.	BUY	79.60	Ordinary	138	138
2-Oct-2019	The Vanguard Group, Inc.	BUY	80.00	Ordinary	1,457	1,457
2-Oct-2019	The Vanguard Group, Inc.	BUY	79.08	Ordinary	1,076	1,076
2-Oct-2019	The Vanguard Group, Inc.	BUY	79.08	Ordinary	1,000	1,000
3-Oct-2019	The Vanguard Group, Inc.	BUY	77.97	Ordinary	47,219	47,219
4-Oct-2019	The Vanguard Group, Inc.	BUY	77.59	Ordinary	645	645
4-Oct-2019	The Vanguard Group, Inc.	BUY	77.51	Ordinary	484	484
4-Oct-2019	The Vanguard Group, Inc.	BUY	77.59	Ordinary	24,912	24,912
4-Oct-2019	The Vanguard Group, Inc.	BUY	78.08	Ordinary	1,000	1,000
7-Oct-2019	The Vanguard Group, Inc.	BUY	78.28	Ordinary	3,810	3,810
8-Oct-2019	The Vanguard Group, Inc.	BUY	78.39	Ordinary	211	211
8-Oct-2019	The Vanguard Group, Inc.	BUY	78.08	Ordinary	1,000	1,000
10-Oct-2019	The Vanguard Group, Inc.	BUY	78.33	Ordinary	3,770	3,770
10-Oct-2019	The Vanguard Group, Inc.	BUY	78.33	Ordinary	11,310	11,310
10-Oct-2019	The Vanguard Group, Inc.	SELL	78.33	Ordinary	(3,108)	(3,108)
15-Oct-2019	The Vanguard Group, Inc.	BUY	79.76	Ordinary	3,016	3,016
15-Oct-2019	The Vanguard Group, Inc.	SELL	78.96	Ordinary	(307)	(307)

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-Oct-2019	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
18-Oct-2019	The Vanguard Group, Inc.	BUY	79.65	Ordinary	423	423
21-Oct-2019	The Vanguard Group, Inc.	BUY	79.79	Ordinary	930	930
21-Oct-2019	The Vanguard Group, Inc.	BUY	79.20	Ordinary	297	297
21-Oct-2019	The Vanguard Group, Inc.	BUY	79.94	Ordinary	2,152	2,152
22-Oct-2019	The Vanguard Group, Inc.	BUY	79.69	Ordinary	4,731	4,731
23-Oct-2019	The Vanguard Group, Inc.	BUY	79.73	Ordinary	461	461
23-Oct-2019	The Vanguard Group, Inc.	BUY	80.08	Ordinary	3,770	3,770
23-Oct-2019	The Vanguard Group, Inc.	SELL	79.51	Ordinary	(20,115)	(20,115)
23-Oct-2019	The Vanguard Group, Inc.	BUY	79.73	Ordinary	211	211
24-Oct-2019	The Vanguard Group, Inc.	BUY	80.12	Ordinary	7,953	7,953
25-Oct-2019	The Vanguard Group, Inc.	BUY	80.70	Ordinary	930	930
25-Oct-2019	The Vanguard Group, Inc.	BUY	80.70	Ordinary	20,977	20,977
25-Oct-2019	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
28-Oct-2019	The Vanguard Group, Inc.	BUY	80.48	Ordinary	54,874	54,874
29-Oct-2019	The Vanguard Group, Inc.	BUY	80.46	Ordinary	1,436	1,436
29-Oct-2019	The Vanguard Group, Inc.	SELL	80.46	Ordinary	(16,891)	(16,891)
30-Oct-2019	The Vanguard Group, Inc.	BUY	80.06	Ordinary	4,310	4,310
31-Oct-2019	The Vanguard Group, Inc.	SELL	78.66	Ordinary	(24,287)	(24,287)
1-Nov-2019	The Vanguard Group, Inc.	BUY	78.10	Ordinary	563	563
4-Nov-2019	The Vanguard Group, Inc.	SELL	77.05	Ordinary	(238)	(238)
4-Nov-2019	The Vanguard Group, Inc.	BUY	77.65	Ordinary	1,564	1,564
4-Nov-2019	The Vanguard Group, Inc.	BUY	77.65	Ordinary	187	187
4-Nov-2019	The Vanguard Group, Inc.	BUY	77.65	Ordinary	783	783
4-Nov-2019	The Vanguard Group, Inc.	BUY	77.65	Ordinary	9,440	9,440
4-Nov-2019	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
6-Nov-2019	The Vanguard Group, Inc.	BUY	78.23	Ordinary	55,961	55,961
6-Nov-2019	The Vanguard Group, Inc.	BUY	78.09	Ordinary	3,770	3,770
6-Nov-2019	The Vanguard Group, Inc.	BUY	78.23	Ordinary	3,992	3,992
6-Nov-2019	The Vanguard Group, Inc.	BUY	78.23	Ordinary	942	942
7-Nov-2019	The Vanguard Group, Inc.	BUY	79.04	Ordinary	556	556
7-Nov-2019	The Vanguard Group, Inc.	BUY	78.60	Ordinary	7,492	7,492
7-Nov-2019	The Vanguard Group, Inc.	BUY	78.60	Ordinary	4,391	4,391
7-Nov-2019	The Vanguard Group, Inc.	BUY	78.98	Ordinary	2,676	2,676
7-Nov-2019	The Vanguard Group, Inc.	BUY	78.60	Ordinary	666	666
8-Nov-2019	The Vanguard Group, Inc.	BUY	79.17	Ordinary	925	925
8-Nov-2019	The Vanguard Group, Inc.	BUY	79.06	Ordinary	5,112	5,112
8-Nov-2019	The Vanguard Group, Inc.	BUY	79.17	Ordinary	110	110
8-Nov-2019	The Vanguard Group, Inc.	BUY	79.41	Ordinary	1,004	1,004
11-Nov-2019	The Vanguard Group, Inc.	BUY	80.05	Ordinary	374	374
11-Nov-2019	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
13-Nov-2019	The Vanguard Group, Inc.	BUY	80.83	Ordinary	219	219
13-Nov-2019	The Vanguard Group, Inc.	BUY	80.83	Ordinary	98	98
13-Nov-2019	The Vanguard Group, Inc.	BUY	79.39	Ordinary	2,235	2,235
14-Nov-2019	The Vanguard Group, Inc.	BUY	79.36	Ordinary	10,818	10,818
14-Nov-2019	The Vanguard Group, Inc.	BUY	79.77	Ordinary	1,781	1,781
15-Nov-2019	The Vanguard Group, Inc.	BUY	80.69	Ordinary	89	89
15-Nov-2019	The Vanguard Group, Inc.	BUY	80.71	Ordinary	3,016	3,016
15-Nov-2019	The Vanguard Group, Inc.	BUY	80.19	Ordinary	1,695	1,695
15-Nov-2019	The Vanguard Group, Inc.	BUY	80.71	Ordinary	1,004	1,004
18-Nov-2019	The Vanguard Group, Inc.	BUY	80.34	Ordinary	1,830	1,830
18-Nov-2019	The Vanguard Group, Inc.	BUY	80.30	Ordinary	130	130
18-Nov-2019	The Vanguard Group, Inc.	BUY	80.43	Ordinary	4,147	4,147
18-Nov-2019	The Vanguard Group, Inc.	BUY	80.43	Ordinary	3,240	3,240
19-Nov-2019	The Vanguard Group, Inc.	BUY	80.67	Ordinary	973	973
19-Nov-2019	The Vanguard Group, Inc.	BUY	80.67	Ordinary	925	925
19-Nov-2019	The Vanguard Group, Inc.	BUY	80.10	Ordinary	1,926	1,926

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-2019	The Vanguard Group, Inc.	BUY	79.60	Ordinary	504	504
20-Nov-2019	The Vanguard Group, Inc.	BUY	79.60	Ordinary	482	482
21-Nov-2019	The Vanguard Group, Inc.	BUY	79.33	Ordinary	318	318
21-Nov-2019	The Vanguard Group, Inc.	BUY	79.41	Ordinary	1,004	1,004
22-Nov-2019	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
22-Nov-2019	The Vanguard Group, Inc.	BUY	79.67	Ordinary	6,032	6,032
22-Nov-2019	The Vanguard Group, Inc.	SELL	79.33	Ordinary	(1,229)	(1,229)
25-Nov-2019	The Vanguard Group, Inc.	BUY	79.89	Ordinary	610	610
25-Nov-2019	The Vanguard Group, Inc.	BUY	80.15	Ordinary	7,540	7,540
25-Nov-2019	The Vanguard Group, Inc.	BUY	79.90	Ordinary	9,286	9,286
26-Nov-2019	The Vanguard Group, Inc.	BUY	80.73	Ordinary	18,424	18,424
26-Nov-2019	The Vanguard Group, Inc.	BUY	80.74	Ordinary	166	166
26-Nov-2019	The Vanguard Group, Inc.	BUY	80.77	Ordinary	2,235	2,235
26-Nov-2019	The Vanguard Group, Inc.	SELL	80.74	Ordinary	(263)	(263)
26-Nov-2019	The Vanguard Group, Inc.	BUY	80.77	Ordinary	502	502
27-Nov-2019	The Vanguard Group, Inc.	BUY	81.69	Ordinary	610	610
27-Nov-2019	The Vanguard Group, Inc.	BUY	81.69	Ordinary	3,202	3,202
27-Nov-2019	The Vanguard Group, Inc.	BUY	81.69	Ordinary	3,439	3,439
27-Nov-2019	The Vanguard Group, Inc.	BUY	81.77	Ordinary	1,080	1,080
29-Nov-2019	The Vanguard Group, Inc.	BUY	80.82	Ordinary	610	610
29-Nov-2019	The Vanguard Group, Inc.	BUY	80.82	Ordinary	920	920
29-Nov-2019	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
29-Nov-2019	The Vanguard Group, Inc.	BUY	80.89	Ordinary	1,004	1,004
2-Dec-2019	The Vanguard Group, Inc.	BUY	80.78	Ordinary	27,090	27,090
3-Dec-2019	The Vanguard Group, Inc.	BUY	79.34	Ordinary	1,840	1,840
3-Dec-2019	The Vanguard Group, Inc.	BUY	79.34	Ordinary	920	920
3-Dec-2019	The Vanguard Group, Inc.	BUY	79.34	Ordinary	8,404	8,404
3-Dec-2019	The Vanguard Group, Inc.	BUY	79.34	Ordinary	935	935
3-Dec-2019	The Vanguard Group, Inc.	BUY	79.15	Ordinary	4,320	4,320
4-Dec-2019	The Vanguard Group, Inc.	BUY	77.81	Ordinary	2,309	2,309
4-Dec-2019	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
4-Dec-2019	The Vanguard Group, Inc.	BUY	77.81	Ordinary	448	448
4-Dec-2019	The Vanguard Group, Inc.	BUY	78.50	Ordinary	7,181	7,181
4-Dec-2019	The Vanguard Group, Inc.	BUY	77.94	Ordinary	3,016	3,016
5-Dec-2019	The Vanguard Group, Inc.	BUY	78.74	Ordinary	17,362	17,362
5-Dec-2019	The Vanguard Group, Inc.	BUY	78.74	Ordinary	6,604	6,604
5-Dec-2019	The Vanguard Group, Inc.	BUY	78.68	Ordinary	2,718	2,718
6-Dec-2019	The Vanguard Group, Inc.	BUY	78.99	Ordinary	31,451	31,451
6-Dec-2019	The Vanguard Group, Inc.	BUY	78.99	Ordinary	985	985
6-Dec-2019	The Vanguard Group, Inc.	BUY	78.98	Ordinary	284	284
6-Dec-2019	The Vanguard Group, Inc.	BUY	78.98	Ordinary	15,349	15,349
9-Dec-2019	The Vanguard Group, Inc.	BUY	79.26	Ordinary	5,761	5,761
9-Dec-2019	The Vanguard Group, Inc.	BUY	79.42	Ordinary	1,720	1,720
10-Dec-2019	The Vanguard Group, Inc.	BUY	79.23	Ordinary	920	920
11-Dec-2019	The Vanguard Group, Inc.	BUY	80.31	Ordinary	341	341
11-Dec-2019	The Vanguard Group, Inc.	BUY	79.87	Ordinary	18,451	18,451
11-Dec-2019	The Vanguard Group, Inc.	BUY	80.03	Ordinary	4,524	4,524
11-Dec-2019	The Vanguard Group, Inc.	BUY	80.03	Ordinary	1,004	1,004
11-Dec-2019	The Vanguard Group, Inc.	BUY	80.03	Ordinary	1,004	1,004
11-Dec-2019	The Vanguard Group, Inc.	SELL	79.72	Ordinary	(936)	(936)
12-Dec-2019	The Vanguard Group, Inc.	BUY	79.72	Ordinary	118	118
12-Dec-2019	The Vanguard Group, Inc.	BUY	80.03	Ordinary	5,655	5,655
12-Dec-2019	The Vanguard Group, Inc.	BUY	80.03	Ordinary	3,600	3,600
13-Dec-2019	The Vanguard Group, Inc.	SELL	80.20	Ordinary	(210)	(210)
13-Dec-2019	The Vanguard Group, Inc.	BUY	80.21	Ordinary	2,160	2,160
16-Dec-2019	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
17-Dec-2019	The Vanguard Group, Inc.	BUY	81.90	Ordinary	107	107
17-Dec-2019	The Vanguard Group, Inc.	BUY	82.05	Ordinary	7,540	7,540
17-Dec-2019	The Vanguard Group, Inc.	BUY	82.05	Ordinary	4,147	4,147
20-Dec-2019	The Vanguard Group, Inc.	SELL	81.25	Ordinary	(372)	(372)
20-Dec-2019	The Vanguard Group, Inc.	BUY	81.25	Ordinary	916	916
20-Dec-2019	The Vanguard Group, Inc.	BUY	81.25	Ordinary	4,678	4,678
20-Dec-2019	The Vanguard Group, Inc.	BUY	81.86	Ordinary	344	344
20-Dec-2019	The Vanguard Group, Inc.	BUY	81.25	Ordinary	292	292

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
20-Dec-2019	The Vanguard Group, Inc.	SELL	81.25	Ordinary	(5,022)	(5,022)
20-Dec-2019	The Vanguard Group, Inc.	SELL	81.25	Ordinary	(52,557)	(52,557)
20-Dec-2019	The Vanguard Group, Inc.	SELL	81.25	Ordinary	(2,813)	(2,813)
20-Dec-2019	The Vanguard Group, Inc.	SELL	81.25	Ordinary	(14,794)	(14,794)
20-Dec-2019	The Vanguard Group, Inc.	BUY	81.25	Ordinary	689	689
20-Dec-2019	The Vanguard Group, Inc.	BUY	81.25	Ordinary	1,949	1,949
23-Dec-2019	The Vanguard Group, Inc.	BUY	81.19	Ordinary	42	42
23-Dec-2019	The Vanguard Group, Inc.	SELL	81.12	Ordinary	(5,621)	(5,621)
23-Dec-2019	The Vanguard Group, Inc.	BUY	80.75	Ordinary	27,090	27,090
23-Dec-2019	The Vanguard Group, Inc.	BUY	80.75	Ordinary	5,805	5,805
23-Dec-2019	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
27-Dec-2019	The Vanguard Group, Inc.	BUY	81.07	Ordinary	1,478	1,478
27-Dec-2019	The Vanguard Group, Inc.	BUY	80.74	Ordinary	8,077	8,077
27-Dec-2019	The Vanguard Group, Inc.	BUY	80.74	Ordinary	458	458
27-Dec-2019	The Vanguard Group, Inc.	BUY	80.80	Ordinary	1,004	1,004
30-Dec-2019	The Vanguard Group, Inc.	BUY	81.10	Ordinary	610	610
30-Dec-2019	The Vanguard Group, Inc.	BUY	81.10	Ordinary	4,970	4,970
30-Dec-2019	The Vanguard Group, Inc.	SELL	81.10	Ordinary	(150)	(150)
30-Dec-2019	The Vanguard Group, Inc.	SELL	81.10	Ordinary	(549)	(549)
30-Dec-2019	The Vanguard Group, Inc.	BUY	80.81	Ordinary	3,770	3,770
30-Dec-2019	The Vanguard Group, Inc.	SELL	81.18	Ordinary	(17,250)	(17,250)
31-Dec-2019	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
3-Jan-2020	The Vanguard Group, Inc.	BUY	80.86	Ordinary	8,610	8,610
3-Jan-2020	The Vanguard Group, Inc.	BUY	80.86	Ordinary	22,660	22,660
3-Jan-2020	The Vanguard Group, Inc.	BUY	80.40	Ordinary	1,004	1,004
6-Jan-2020	The Vanguard Group, Inc.	BUY	79.73	Ordinary	422	422
6-Jan-2020	The Vanguard Group, Inc.	BUY	79.73	Ordinary	7,154	7,154
6-Jan-2020	The Vanguard Group, Inc.	BUY	79.77	Ordinary	995	995
6-Jan-2020	The Vanguard Group, Inc.	BUY	80.05	Ordinary	1,085	1,085
6-Jan-2020	The Vanguard Group, Inc.	BUY	80.05	Ordinary	3,012	3,012
7-Jan-2020	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
8-Jan-2020	The Vanguard Group, Inc.	BUY	80.90	Ordinary	912	912
8-Jan-2020	The Vanguard Group, Inc.	BUY	80.90	Ordinary	535	535
8-Jan-2020	The Vanguard Group, Inc.	BUY	80.90	Ordinary	28,332	28,332
8-Jan-2020	The Vanguard Group, Inc.	BUY	81.22	Ordinary	11,310	11,310
9-Jan-2020	The Vanguard Group, Inc.	BUY	81.49	Ordinary	2,015	2,015
9-Jan-2020	The Vanguard Group, Inc.	BUY	81.49	Ordinary	3,464	3,464
9-Jan-2020	The Vanguard Group, Inc.	BUY	81.68	Ordinary	3,393	3,393
9-Jan-2020	The Vanguard Group, Inc.	BUY	81.68	Ordinary	34,830	34,830
9-Jan-2020	The Vanguard Group, Inc.	SELL	81.49	Ordinary	(5,518)	(5,518)
10-Jan-2020	The Vanguard Group, Inc.	BUY	82.50	Ordinary	1,220	1,220
10-Jan-2020	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
10-Jan-2020	The Vanguard Group, Inc.	BUY	81.91	Ordinary	21,117	21,117
10-Jan-2020	The Vanguard Group, Inc.	BUY	82.09	Ordinary	2,550	2,550
10-Jan-2020	The Vanguard Group, Inc.	SELL	81.68	Ordinary	(565)	(565)
10-Jan-2020	The Vanguard Group, Inc.	BUY	82.09	Ordinary	2,170	2,170
13-Jan-2020	The Vanguard Group, Inc.	BUY	82.48	Ordinary	3,433	3,433
13-Jan-2020	The Vanguard Group, Inc.	BUY	82.48	Ordinary	912	912
14-Jan-2020	The Vanguard Group, Inc.	BUY	83.17	Ordinary	287	287
14-Jan-2020	The Vanguard Group, Inc.	SELL	82.96	Ordinary	(8,548)	(8,548)
14-Jan-2020	The Vanguard Group, Inc.	BUY	82.96	Ordinary	14,608	14,608
14-Jan-2020	The Vanguard Group, Inc.	BUY	83.08	Ordinary	2,170	2,170
15-Jan-2020	The Vanguard Group, Inc.	BUY	83.66	Ordinary	912	912
15-Jan-2020	The Vanguard Group, Inc.	BUY	83.10	Ordinary	323	323
15-Jan-2020	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)
16-Jan-2020	The Vanguard Group, Inc.	BUY	84.00	Ordinary	12,576	12,576
16-Jan-2020	The Vanguard Group, Inc.	BUY	84.74	Ordinary	17,415	17,415
17-Jan-2020	The Vanguard Group, Inc.	BUY	84.05	Ordinary	2,552	2,552
17-Jan-2020	The Vanguard Group, Inc.	BUY	84.76	Ordinary	14,508	14,508
17-Jan-2020	The Vanguard Group, Inc.	BUY	84.32	Ordinary	17,415	17,415
17-Jan-2020	The Vanguard Group, Inc.	BUY	84.32	Ordinary	15,480	15,480
17-Jan-2020	The Vanguard Group, Inc.	BUY	84.76	Ordinary	352	352
17-Jan-2020	The Vanguard Group, Inc.	BUY	84.32	Ordinary	488	488
20-Jan-2020	The Vanguard Group, Inc.	BUY	84.00	Ordinary	2,560	2,560
20-Jan-2020	The Vanguard Group, Inc.	BUY	84.00	Ordinary	2,034	2,034
21-Jan-2020	The Vanguard Group, Inc.	BUY	83.48	Ordinary	1,122	1,122
21-Jan-2020	The Vanguard Group, Inc.	BUY	83.58	Ordinary	2,550	2,550
21-Jan-2020	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
22-Jan-2020	The Vanguard Group, Inc.	BUY	83.55	Ordinary	15,421	15,421
22-Jan-2020	The Vanguard Group, Inc.	BUY	84.25	Ordinary	11,610	11,610
23-Jan-2020	The Vanguard Group, Inc.	BUY	84.52	Ordinary	1,220	1,220
23-Jan-2020	The Vanguard Group, Inc.	BUY	84.52	Ordinary	610	610
23-Jan-2020	The Vanguard Group, Inc.	BUY	84.58	Ordinary	205	205
23-Jan-2020	The Vanguard Group, Inc.	BUY	84.85	Ordinary	3,700	3,700
23-Jan-2020	The Vanguard Group, Inc.	BUY	84.58	Ordinary	47,826	47,826
23-Jan-2020	The Vanguard Group, Inc.	BUY	84.85	Ordinary	9,675	9,675
23-Jan-2020	The Vanguard Group, Inc.	SELL	84.68	Ordinary	(15,351)	(15,351)
23-Jan-2020	The Vanguard Group, Inc.	BUY	84.85	Ordinary	3,255	3,255
24-Jan-2020	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
28-Jan-2020	The Vanguard Group, Inc.	BUY	83.80	Ordinary	40,723	40,723
28-Jan-2020	The Vanguard Group, Inc.	SELL	83.70	Ordinary	(725)	(725)
29-Jan-2020	The Vanguard Group, Inc.	BUY	84.61	Ordinary	1,220	1,220
29-Jan-2020	The Vanguard Group, Inc.	BUY	84.61	Ordinary	243	243
29-Jan-2020	The Vanguard Group, Inc.	BUY	84.39	Ordinary	16,699	16,699
30-Jan-2020	The Vanguard Group, Inc.	BUY	85.44	Ordinary	610	610
30-Jan-2020	The Vanguard Group, Inc.	BUY	85.44	Ordinary	610	610
30-Jan-2020	The Vanguard Group, Inc.	BUY	85.44	Ordinary	1,345	1,345
30-Jan-2020	The Vanguard Group, Inc.	BUY	84.84	Ordinary	15,292	15,292
30-Jan-2020	The Vanguard Group, Inc.	BUY	86.03	Ordinary	1,090	1,090
31-Jan-2020	The Vanguard Group, Inc.	BUY	85.26	Ordinary	4,800	4,800
31-Jan-2020	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
31-Jan-2020	The Vanguard Group, Inc.	BUY	84.58	Ordinary	11,610	11,610
31-Jan-2020	The Vanguard Group, Inc.	BUY	84.58	Ordinary	980	980
3-Feb-2020	The Vanguard Group, Inc.	BUY	84.55	Ordinary	10,299	10,299
3-Feb-2020	The Vanguard Group, Inc.	BUY	84.31	Ordinary	39,278	39,278
3-Feb-2020	The Vanguard Group, Inc.	BUY	84.56	Ordinary	12,950	12,950
4-Feb-2020	The Vanguard Group, Inc.	BUY	84.31	Ordinary	1,830	1,830
4-Feb-2020	The Vanguard Group, Inc.	BUY	84.31	Ordinary	3,900	3,900
4-Feb-2020	The Vanguard Group, Inc.	BUY	84.31	Ordinary	912	912
4-Feb-2020	The Vanguard Group, Inc.	BUY	84.31	Ordinary	86	86
4-Feb-2020	The Vanguard Group, Inc.	BUY	84.31	Ordinary	33,058	33,058
4-Feb-2020	The Vanguard Group, Inc.	BUY	84.46	Ordinary	6,660	6,660
4-Feb-2020	The Vanguard Group, Inc.	SELL	84.46	Ordinary	(3,400)	(3,400)
4-Feb-2020	The Vanguard Group, Inc.	BUY	84.46	Ordinary	4,688	4,688
4-Feb-2020	The Vanguard Group, Inc.	BUY	84.46	Ordinary	18,752	18,752
4-Feb-2020	The Vanguard Group, Inc.	BUY	84.31	Ordinary	770	770
4-Feb-2020	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
5-Feb-2020	The Vanguard Group, Inc.	SELL	85.00	Ordinary	(448)	(448)
6-Feb-2020	The Vanguard Group, Inc.	BUY	83.89	Ordinary	28,549	28,549
6-Feb-2020	The Vanguard Group, Inc.	BUY	84.28	Ordinary	3,270	3,270
7-Feb-2020	The Vanguard Group, Inc.	BUY	84.94	Ordinary	2,960	2,960
10-Feb-2020	The Vanguard Group, Inc.	BUY	84.32	Ordinary	1,220	1,220
10-Feb-2020	The Vanguard Group, Inc.	BUY	84.32	Ordinary	3,433	3,433
10-Feb-2020	The Vanguard Group, Inc.	BUY	84.71	Ordinary	17,415	17,415
10-Feb-2020	The Vanguard Group, Inc.	BUY	84.71	Ordinary	980	980
11-Feb-2020	The Vanguard Group, Inc.	BUY	84.72	Ordinary	912	912
11-Feb-2020	The Vanguard Group, Inc.	BUY	84.72	Ordinary	912	912
11-Feb-2020	The Vanguard Group, Inc.	BUY	84.72	Ordinary	651	651
11-Feb-2020	The Vanguard Group, Inc.	BUY	84.65	Ordinary	11,610	11,610
12-Feb-2020	The Vanguard Group, Inc.	BUY	88.18	Ordinary	351	351
12-Feb-2020	The Vanguard Group, Inc.	BUY	88.18	Ordinary	30,705	30,705
12-Feb-2020	The Vanguard Group, Inc.	BUY	86.31	Ordinary	321	321
12-Feb-2020	The Vanguard Group, Inc.	BUY	86.31	Ordinary	31,779	31,779
13-Feb-2020	The Vanguard Group, Inc.	BUY	88.73	Ordinary	610	610
13-Feb-2020	The Vanguard Group, Inc.	BUY	88.73	Ordinary	610	610
13-Feb-2020	The Vanguard Group, Inc.	BUY	88.73	Ordinary	912	912
13-Feb-2020	The Vanguard Group, Inc.	SELL	88.49	Ordinary	(13,514)	(13,514)
13-Feb-2020	The Vanguard Group, Inc.	BUY	88.78	Ordinary	25,155	25,155
13-Feb-2020	The Vanguard Group, Inc.	SELL	88.49	Ordinary	(701)	(701)
13-Feb-2020	The Vanguard Group, Inc.	BUY	88.78	Ordinary	2,180	2,180
14-Feb-2020	The Vanguard Group, Inc.	BUY	89.40	Ordinary	26,838	26,838
14-Feb-2020	The Vanguard Group, Inc.	BUY	90.95	Ordinary	11,610	11,610
14-Feb-2020	The Vanguard Group, Inc.	BUY	89.40	Ordinary	266	266
14-Feb-2020	The Vanguard Group, Inc.	BUY	90.95	Ordinary	1,470	1,470
14-Feb-2020	The Vanguard Group, Inc.	SELL	90.99	Ordinary	(15,811)	(15,811)
18-Feb-2020	The Vanguard Group, Inc.	BUY	90.26	Ordinary	5,269	5,269
18-Feb-2020	The Vanguard Group, Inc.	BUY	90.26	Ordinary	1,057	1,057
19-Feb-2020	The Vanguard Group, Inc.	BUY	87.88	Ordinary	52,690	52,690
19-Feb-2020	The Vanguard Group, Inc.	BUY	87.83	Ordinary	32,568	32,568
19-Feb-2020	The Vanguard Group, Inc.	BUY	88.08	Ordinary	9,675	9,675
20-Feb-2020	The Vanguard Group, Inc.	BUY	87.85	Ordinary	24,066	24,066
20-Feb-2020	The Vanguard Group, Inc.	BUY	87.85	Ordinary	1,105	1,105
20-Feb-2020	The Vanguard Group, Inc.	BUY	87.83	Ordinary	35,128	35,128
20-Feb-2020	The Vanguard Group, Inc.	BUY	87.83	Ordinary	5,238	5,238
21-Feb-2020	The Vanguard Group, Inc.	BUY	88.80	Ordinary	2,621	2,621
21-Feb-2020	The Vanguard Group, Inc.	BUY	88.14	Ordinary	40,051	40,051
21-Feb-2020	The Vanguard Group, Inc.	BUY	88.40	Ordinary	15,480	15,480
21-Feb-2020	The Vanguard Group, Inc.	BUY	88.14	Ordinary	661	661
24-Feb-2020	The Vanguard Group, Inc.	SELL	87.27	Ordinary	(8,475)	(8,475)
24-Feb-2020	The Vanguard Group, Inc.	BUY	87.61	Ordinary	8,602	8,602
24-Feb-2020	The Vanguard Group, Inc.	BUY	87.27	Ordinary	980	980
25-Feb-2020	The Vanguard Group, Inc.	SELL	86.80	Ordinary	(36,636)	(36,636)
25-Feb-2020	The Vanguard Group, Inc.	BUY	86.80	Ordinary	897	897
25-Feb-2020	The Vanguard Group, Inc.	BUY	86.80	Ordinary	105	105
25-Feb-2020	The Vanguard Group, Inc.	BUY	86.23	Ordinary	158	158
25-Feb-2020	The Vanguard Group, Inc.	SELL	86.30	Ordinary	(7,464)	(7,464)
25-Feb-2020	The Vanguard Group, Inc.	SELL	84.90	Ordinary	(3,390)	(3,390)
25-Feb-2020	The Vanguard Group, Inc.	BUY	86.80	Ordinary	35,419	35,419
25-Feb-2020	The Vanguard Group, Inc.	BUY	86.23	Ordinary	46,924	46,924
25-Feb-2020	The Vanguard Group, Inc.	BUY	84.90	Ordinary	11,610	11,610
25-Feb-2020	The Vanguard Group, Inc.	SELL	84.90	Ordinary	(2,370)	(2,370)
25-Feb-2020	The Vanguard Group, Inc.	BUY	84.90	Ordinary	1,094	1,094
26-Feb-2020	The Vanguard Group, Inc.	BUY	85.35	Ordinary	3,484	3,484
26-Feb-2020	The Vanguard Group, Inc.	BUY	85.54	Ordinary	7,049	7,049
26-Feb-2020	The Vanguard Group, Inc.	BUY	85.54	Ordinary	1,029	1,029
26-Feb-2020	The Vanguard Group, Inc.	BUY	85.54	Ordinary	34,263	34,263
26-Feb-2020	The Vanguard Group, Inc.	BUY	85.54	Ordinary	33,313	33,313
26-Feb-2020	The Vanguard Group, Inc.	BUY	85.35	Ordinary	36,241	36,241
26-Feb-2020	The Vanguard Group, Inc.	BUY	84.92	Ordinary	3,282	3,282
26-Feb-2020	The Vanguard Group, Inc.	BUY	84.92	Ordinary	2,188	2,188
26-Feb-2020	The Vanguard Group, Inc.	BUY	85.35	Ordinary	1,937	1,937
27-Feb-2020	The Vanguard Group, Inc.	SELL	85.12	Ordinary	(8,513)	(8,513)
27-Feb-2020	The Vanguard Group, Inc.	BUY	84.43	Ordinary	85	85
27-Feb-2020	The Vanguard Group, Inc.	BUY	85.11	Ordinary	4,915	4,915
27-Feb-2020	The Vanguard Group, Inc.	BUY	85.11	Ordinary	40,436	40,436

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
27-Feb-2020	The Vanguard Group, Inc.	BUY	82.99	Ordinary	7,030	7,030
28-Feb-2020	The Vanguard Group, Inc.	SELL	81.78	Ordinary	(7,316)	(7,316)
28-Feb-2020	The Vanguard Group, Inc.	BUY	81.86	Ordinary	48,223	48,223
28-Feb-2020	The Vanguard Group, Inc.	BUY	81.86	Ordinary	22,384	22,384
28-Feb-2020	The Vanguard Group, Inc.	BUY	81.78	Ordinary	107,789	107,789
28-Feb-2020	The Vanguard Group, Inc.	BUY	81.86	Ordinary	13,479	13,479
28-Feb-2020	The Vanguard Group, Inc.	BUY	81.86	Ordinary	330	330
2-Mar-2020	The Vanguard Group, Inc.	BUY	80.05	Ordinary	4,097	4,097
2-Mar-2020	The Vanguard Group, Inc.	SELL	82.67	Ordinary	(15,480)	(15,480)
2-Mar-2020	The Vanguard Group, Inc.	SELL	80.05	Ordinary	(1,099)	(1,099)
3-Mar-2020	The Vanguard Group, Inc.	BUY	79.11	Ordinary	610	610
3-Mar-2020	The Vanguard Group, Inc.	BUY	79.11	Ordinary	4,962	4,962
3-Mar-2020	The Vanguard Group, Inc.	BUY	79.11	Ordinary	408	408
3-Mar-2020	The Vanguard Group, Inc.	BUY	81.50	Ordinary	381	381
3-Mar-2020	The Vanguard Group, Inc.	BUY	77.78	Ordinary	980	980
4-Mar-2020	The Vanguard Group, Inc.	BUY	77.11	Ordinary	610	610
4-Mar-2020	The Vanguard Group, Inc.	BUY	77.11	Ordinary	1,220	1,220
4-Mar-2020	The Vanguard Group, Inc.	BUY	77.11	Ordinary	610	610
4-Mar-2020	The Vanguard Group, Inc.	BUY	77.11	Ordinary	678	678
4-Mar-2020	The Vanguard Group, Inc.	BUY	77.11	Ordinary	11	11
4-Mar-2020	The Vanguard Group, Inc.	SELL	78.17	Ordinary	(4,364)	(4,364)
4-Mar-2020	The Vanguard Group, Inc.	BUY	78.17	Ordinary	23,850	23,850
4-Mar-2020	The Vanguard Group, Inc.	BUY	78.20	Ordinary	1,960	1,960
4-Mar-2020	The Vanguard Group, Inc.	BUY	78.20	Ordinary	1,470	1,470
5-Mar-2020	The Vanguard Group, Inc.	BUY	76.75	Ordinary	666	666
5-Mar-2020	The Vanguard Group, Inc.	BUY	78.15	Ordinary	15,519	15,519
5-Mar-2020	The Vanguard Group, Inc.	SELL	76.75	Ordinary	(213,609)	(213,609)
5-Mar-2020	The Vanguard Group, Inc.	BUY	76.75	Ordinary	1,146	1,146
5-Mar-2020	The Vanguard Group, Inc.	SELL	78.15	Ordinary	(514)	(514)
5-Mar-2020	The Vanguard Group, Inc.	BUY	78.15	Ordinary	11,489	11,489
6-Mar-2020	The Vanguard Group, Inc.	BUY	73.93	Ordinary	927	927
6-Mar-2020	The Vanguard Group, Inc.	SELL	73.93	Ordinary	(156,267)	(156,267)
6-Mar-2020	The Vanguard Group, Inc.	BUY	73.93	Ordinary	603	603
6-Mar-2020	The Vanguard Group, Inc.	BUY	75.33	Ordinary	276	276
6-Mar-2020	The Vanguard Group, Inc.	SELL	73.76	Ordinary	(11,610)	(11,610)
9-Mar-2020	The Vanguard Group, Inc.	SELL	69.15	Ordinary	(38,783)	(38,783)
9-Mar-2020	The Vanguard Group, Inc.	BUY	67.44	Ordinary	1,470	1,470
9-Mar-2020	The Vanguard Group, Inc.	BUY	67.44	Ordinary	490	490
9-Mar-2020	The Vanguard Group, Inc.	BUY	69.15	Ordinary	1,739	1,739
10-Mar-2020	The Vanguard Group, Inc.	BUY	73.37	Ordinary	610	610
10-Mar-2020	The Vanguard Group, Inc.	SELL	73.37	Ordinary	(11,197)	(11,197)
10-Mar-2020	The Vanguard Group, Inc.	BUY	73.37	Ordinary	754	754
10-Mar-2020	The Vanguard Group, Inc.	BUY	68.24	Ordinary	132,069	132,069
10-Mar-2020	The Vanguard Group, Inc.	SELL	74.52	Ordinary	(9,675)	(9,675)
10-Mar-2020	The Vanguard Group, Inc.	BUY	74.52	Ordinary	1,816	1,816
10-Mar-2020	The Vanguard Group, Inc.	SELL	67.53	Ordinary	(1,787)	(1,787)
11-Mar-2020	The Vanguard Group, Inc.	BUY	68.50	Ordinary	363	363
11-Mar-2020	The Vanguard Group, Inc.	BUY	68.50	Ordinary	969	969
11-Mar-2020	The Vanguard Group, Inc.	BUY	72.06	Ordinary	9,867	9,867
11-Mar-2020	The Vanguard Group, Inc.	BUY	72.06	Ordinary	776	776
11-Mar-2020	The Vanguard Group, Inc.	SELL	73.07	Ordinary	(2,697)	(2,697)
11-Mar-2020	The Vanguard Group, Inc.	BUY	72.06	Ordinary	100,443	100,443
11-Mar-2020	The Vanguard Group, Inc.	SELL	68.01	Ordinary	(5,805)	(5,805)
12-Mar-2020	The Vanguard Group, Inc.	BUY	63.11	Ordinary	1,220	1,220
12-Mar-2020	The Vanguard Group, Inc.	BUY	63.11	Ordinary	610	610
12-Mar-2020	The Vanguard Group, Inc.	BUY	63.11	Ordinary	6,059	6,059
12-Mar-2020	The Vanguard Group, Inc.	BUY	67.89	Ordinary	68,045	68,045
12-Mar-2020	The Vanguard Group, Inc.	SELL	61.40	Ordinary	(21,285)	(21,285)
12-Mar-2020	The Vanguard Group, Inc.	BUY	61.40	Ordinary	7,095	7,095
13-Mar-2020	The Vanguard Group, Inc.	BUY	66.36	Ordinary	53,766	53,766
13-Mar-2020	The Vanguard Group, Inc.	BUY	66.36	Ordinary	1,722	1,722
13-Mar-2020	The Vanguard Group, Inc.	BUY	66.36	Ordinary	927	927
13-Mar-2020	The Vanguard Group, Inc.	BUY	66.36	Ordinary	540	540
13-Mar-2020	The Vanguard Group, Inc.	BUY	60.14	Ordinary	127,667	127,667
13-Mar-2020	The Vanguard Group, Inc.	BUY	65.03	Ordinary	128,103	128,103
13-Mar-2020	The Vanguard Group, Inc.	BUY	68.77	Ordinary	3,346	3,346
13-Mar-2020	The Vanguard Group, Inc.	BUY	68.77	Ordinary	2,450	2,450
13-Mar-2020	The Vanguard Group, Inc.	BUY	68.77	Ordinary	490	490

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
13-Mar-2020	The Vanguard Group, Inc.	BUY	66.36	Ordinary	2,371	2,371
13-Mar-2020	The Vanguard Group, Inc.	BUY	66.36	Ordinary	892	892
16-Mar-2020	The Vanguard Group, Inc.	BUY	61.48	Ordinary	1,220	1,220
16-Mar-2020	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
16-Mar-2020	The Vanguard Group, Inc.	BUY	59.72	Ordinary	992	992
16-Mar-2020	The Vanguard Group, Inc.	BUY	59.72	Ordinary	473	473
16-Mar-2020	The Vanguard Group, Inc.	SELL	57.70	Ordinary	(5,043)	(5,043)
16-Mar-2020	The Vanguard Group, Inc.	SELL	57.70	Ordinary	(4,688)	(4,688)
16-Mar-2020	The Vanguard Group, Inc.	BUY	57.70	Ordinary	2,196	2,196
16-Mar-2020	The Vanguard Group, Inc.	BUY	57.70	Ordinary	1,098	1,098
17-Mar-2020	The Vanguard Group, Inc.	BUY	67.64	Ordinary	561	561
17-Mar-2020	The Vanguard Group, Inc.	BUY	67.64	Ordinary	4,143	4,143
17-Mar-2020	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
17-Mar-2020	The Vanguard Group, Inc.	BUY	61.23	Ordinary	348	348
17-Mar-2020	The Vanguard Group, Inc.	SELL	68.85	Ordinary	(6,724)	(6,724)
17-Mar-2020	The Vanguard Group, Inc.	BUY	61.23	Ordinary	177,509	177,509
17-Mar-2020	The Vanguard Group, Inc.	BUY	68.85	Ordinary	3,700	3,700
17-Mar-2020	The Vanguard Group, Inc.	BUY	68.85	Ordinary	3,330	3,330
17-Mar-2020	The Vanguard Group, Inc.	SELL	68.85	Ordinary	(15,480)	(15,480)
17-Mar-2020	The Vanguard Group, Inc.	SELL	68.85	Ordinary	(19,350)	(19,350)
17-Mar-2020	The Vanguard Group, Inc.	BUY	68.85	Ordinary	9,234	9,234
17-Mar-2020	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
18-Mar-2020	The Vanguard Group, Inc.	BUY	64.70	Ordinary	170,122	170,122
18-Mar-2020	The Vanguard Group, Inc.	BUY	65.21	Ordinary	1,960	1,960
19-Mar-2020	The Vanguard Group, Inc.	BUY	60.95	Ordinary	236	236
19-Mar-2020	The Vanguard Group, Inc.	BUY	66.19	Ordinary	119	119
19-Mar-2020	The Vanguard Group, Inc.	SELL	60.95	Ordinary	(186)	(186)
19-Mar-2020	The Vanguard Group, Inc.	BUY	66.19	Ordinary	167,105	167,105
19-Mar-2020	The Vanguard Group, Inc.	BUY	61.60	Ordinary	7,030	7,030
19-Mar-2020	The Vanguard Group, Inc.	BUY	61.60	Ordinary	980	980
20-Mar-2020	The Vanguard Group, Inc.	BUY	59.91	Ordinary	609	609
20-Mar-2020	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(447)	(447)
20-Mar-2020	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(4,413)	(4,413)
20-Mar-2020	The Vanguard Group, Inc.	SELL	59.19	Ordinary	(8,405)	(8,405)
20-Mar-2020	The Vanguard Group, Inc.	BUY	63.43	Ordinary	157,033	157,033
20-Mar-2020	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(107,640)	(107,640)
20-Mar-2020	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(36,439)	(36,439)
20-Mar-2020	The Vanguard Group, Inc.	BUY	59.19	Ordinary	1,944	1,944
20-Mar-2020	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(6,703)	(6,703)
20-Mar-2020	The Vanguard Group, Inc.	SELL	61.22	Ordinary	(4,836)	(4,836)
20-Mar-2020	The Vanguard Group, Inc.	BUY	59.19	Ordinary	3,294	3,294
20-Mar-2020	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)
23-Mar-2020	The Vanguard Group, Inc.	BUY	54.26	Ordinary	609	609
23-Mar-2020	The Vanguard Group, Inc.	BUY	54.26	Ordinary	3,450	3,450
23-Mar-2020	The Vanguard Group, Inc.	BUY	54.26	Ordinary	267	267
23-Mar-2020	The Vanguard Group, Inc.	BUY	54.26	Ordinary	721	721
23-Mar-2020	The Vanguard Group, Inc.	SELL	57.71	Ordinary	(3,712)	(3,712)
23-Mar-2020	The Vanguard Group, Inc.	SELL	54.66	Ordinary	(6,724)	(6,724)
23-Mar-2020	The Vanguard Group, Inc.	BUY	54.66	Ordinary	4,374	4,374
23-Mar-2020	The Vanguard Group, Inc.	SELL	57.71	Ordinary	(1,342)	(1,342)
24-Mar-2020	The Vanguard Group, Inc.	BUY	57.00	Ordinary	609	609
24-Mar-2020	The Vanguard Group, Inc.	BUY	56.40	Ordinary	516	516
24-Mar-2020	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
25-Mar-2020	The Vanguard Group, Inc.	BUY	62.40	Ordinary	3,249	3,249
25-Mar-2020	The Vanguard Group, Inc.	BUY	62.40	Ordinary	334	334
25-Mar-2020	The Vanguard Group, Inc.	BUY	61.03	Ordinary	5,809	5,809
25-Mar-2020	The Vanguard Group, Inc.	BUY	61.03	Ordinary	109,182	109,182
25-Mar-2020	The Vanguard Group, Inc.	SELL	63.11	Ordinary	(4,688)	(4,688)
26-Mar-2020	The Vanguard Group, Inc.	SELL	63.88	Ordinary	(5,043)	(5,043)

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
26-Mar-2020	The Vanguard Group, Inc.	BUY	62.90	Ordinary	3,622	3,622
27-Mar-2020	The Vanguard Group, Inc.	BUY	57.66	Ordinary	1,218	1,218
27-Mar-2020	The Vanguard Group, Inc.	BUY	57.66	Ordinary	1,218	1,218
27-Mar-2020	The Vanguard Group, Inc.	BUY	57.66	Ordinary	544	544
27-Mar-2020	The Vanguard Group, Inc.	BUY	57.66	Ordinary	66,003	66,003
27-Mar-2020	The Vanguard Group, Inc.	BUY	57.66	Ordinary	12,941	12,941
27-Mar-2020	The Vanguard Group, Inc.	BUY	57.66	Ordinary	3,342	3,342
27-Mar-2020	The Vanguard Group, Inc.	BUY	57.66	Ordinary	11,570	11,570
27-Mar-2020	The Vanguard Group, Inc.	BUY	63.28	Ordinary	9,275	9,275
30-Mar-2020	The Vanguard Group, Inc.	BUY	63.95	Ordinary	6,584	6,584
30-Mar-2020	The Vanguard Group, Inc.	BUY	63.95	Ordinary	3,409	3,409
30-Mar-2020	The Vanguard Group, Inc.	BUY	57.85	Ordinary	7,255	7,255
30-Mar-2020	The Vanguard Group, Inc.	SELL	63.89	Ordinary	(7,679)	(7,679)
31-Mar-2020	The Vanguard Group, Inc.	BUY	61.82	Ordinary	609	609
31-Mar-2020	The Vanguard Group, Inc.	BUY	61.82	Ordinary	320	320
31-Mar-2020	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
31-Mar-2020	The Vanguard Group, Inc.	SELL	61.82	Ordinary	(39,309)	(39,309)
1-Apr-2020	The Vanguard Group, Inc.	BUY	63.67	Ordinary	2,797	2,797
1-Apr-2020	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
1-Apr-2020	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)
1-Apr-2020	The Vanguard Group, Inc.	SELL	62.21	Ordinary	(2,196)	(2,196)
1-Apr-2020	The Vanguard Group, Inc.	BUY	64.00	Ordinary	4,704	4,704
2-Apr-2020	The Vanguard Group, Inc.	BUY	61.25	Ordinary	780	780
2-Apr-2020	The Vanguard Group, Inc.	BUY	61.80	Ordinary	3,700	3,700
2-Apr-2020	The Vanguard Group, Inc.	BUY	61.80	Ordinary	1,470	1,470
3-Apr-2020	The Vanguard Group, Inc.	BUY	62.10	Ordinary	962	962
3-Apr-2020	The Vanguard Group, Inc.	SELL	62.10	Ordinary	(2,361)	(2,361)
3-Apr-2020	The Vanguard Group, Inc.	BUY	62.10	Ordinary	3,109	3,109
6-Apr-2020	The Vanguard Group, Inc.	BUY	62.47	Ordinary	617	617
6-Apr-2020	The Vanguard Group, Inc.	BUY	62.47	Ordinary	474	474
7-Apr-2020	The Vanguard Group, Inc.	BUY	61.87	Ordinary	617	617
7-Apr-2020	The Vanguard Group, Inc.	BUY	61.87	Ordinary	10,224	10,224
7-Apr-2020	The Vanguard Group, Inc.	BUY	61.87	Ordinary	1,009	1,009
7-Apr-2020	The Vanguard Group, Inc.	SELL	61.87	Ordinary	(911)	(911)
7-Apr-2020	The Vanguard Group, Inc.	BUY	63.60	Ordinary	14,444	14,444
7-Apr-2020	The Vanguard Group, Inc.	BUY	63.60	Ordinary	4,671	4,671
8-Apr-2020	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
8-Apr-2020	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
9-Apr-2020	The Vanguard Group, Inc.	BUY	61.75	Ordinary	500	500
14-Apr-2020	The Vanguard Group, Inc.	BUY	63.50	Ordinary	1,500	1,500
14-Apr-2020	The Vanguard Group, Inc.	SELL	62.75	Ordinary	(2,312)	(2,312)
15-Apr-2020	The Vanguard Group, Inc.	BUY	62.07	Ordinary	910	910
15-Apr-2020	The Vanguard Group, Inc.	BUY	62.07	Ordinary	433	433
15-Apr-2020	The Vanguard Group, Inc.	SELL	60.83	Ordinary	(7,836)	(7,836)
15-Apr-2020	The Vanguard Group, Inc.	SELL	60.83	Ordinary	(17,631)	(17,631)
15-Apr-2020	The Vanguard Group, Inc.	SELL	60.83	Ordinary	(15,672)	(15,672)
15-Apr-2020	The Vanguard Group, Inc.	SELL	62.50	Ordinary	(530)	(530)
15-Apr-2020	The Vanguard Group, Inc.	BUY	62.50	Ordinary	9,822	9,822
15-Apr-2020	The Vanguard Group, Inc.	BUY	60.83	Ordinary	1,500	1,500
16-Apr-2020	The Vanguard Group, Inc.	BUY	61.26	Ordinary	3,406	3,406
16-Apr-2020	The Vanguard Group, Inc.	SELL	60.47	Ordinary	(17,712)	(17,712)
16-Apr-2020	The Vanguard Group, Inc.	BUY	60.47	Ordinary	899	899
17-Apr-2020	The Vanguard Group, Inc.	BUY	62.15	Ordinary	448	448
17-Apr-2020	The Vanguard Group, Inc.	BUY	60.79	Ordinary	2,590	2,590
17-Apr-2020	The Vanguard Group, Inc.	BUY	60.79	Ordinary	5,860	5,860
20-Apr-2020	The Vanguard Group, Inc.	SELL	59.88	Ordinary	(435)	(435)

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)
21-Apr-2020	The Vanguard Group, Inc.	BUY	60.14	Ordinary	8,921	8,921
22-Apr-2020	The Vanguard Group, Inc.	BUY	59.25	Ordinary	5,469	5,469
22-Apr-2020	The Vanguard Group, Inc.	BUY	58.22	Ordinary	11,296	11,296
22-Apr-2020	The Vanguard Group, Inc.	BUY	58.22	Ordinary	2,517	2,517
24-Apr-2020	The Vanguard Group, Inc.	BUY	58.55	Ordinary	347	347
24-Apr-2020	The Vanguard Group, Inc.	SELL	58.55	Ordinary	(2,305)	(2,305)
24-Apr-2020	The Vanguard Group, Inc.	BUY	58.55	Ordinary	5,525	5,525
27-Apr-2020	The Vanguard Group, Inc.	SELL	58.70	Ordinary	(3,584)	(3,584)
28-Apr-2020	The Vanguard Group, Inc.	BUY	58.71	Ordinary	3,700	3,700
29-Apr-2020	The Vanguard Group, Inc.	BUY	59.35	Ordinary	715	715
29-Apr-2020	The Vanguard Group, Inc.	BUY	59.35	Ordinary	2,757	2,757
30-Apr-2020	The Vanguard Group, Inc.	BUY	62.69	Ordinary	750	750
30-Apr-2020	The Vanguard Group, Inc.	SELL	61.99	Ordinary	(17,631)	(17,631)
30-Apr-2020	The Vanguard Group, Inc.	SELL	61.99	Ordinary	(2,560)	(2,560)
30-Apr-2020	The Vanguard Group, Inc.	BUY	61.88	Ordinary	9,923	9,923
30-Apr-2020	The Vanguard Group, Inc.	SELL	62.69	Ordinary	(10,277)	(10,277)
1-May-2020	The Vanguard Group, Inc.	SELL	58.62	Ordinary	(6,820)	(6,820)
1-May-2020	The Vanguard Group, Inc.	SELL	58.62	Ordinary	(23,508)	(23,508)
1-May-2020	The Vanguard Group, Inc.	SELL	58.62	Ordinary	(2,560)	(2,560)
5-May-2020	The Vanguard Group, Inc.	BUY	60.60	Ordinary	1,086	1,086
6-May-2020	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
13-May-2020	The Vanguard Group, Inc.	BUY	60.85	Ordinary	999	999
13-May-2020	The Vanguard Group, Inc.	BUY	59.20	Ordinary	28	28
14-May-2020	The Vanguard Group, Inc.	SELL	59.40	Ordinary	(4,907)	(4,907)
15-May-2020	The Vanguard Group, Inc.	BUY	59.60	Ordinary	3,398	3,398
15-May-2020	The Vanguard Group, Inc.	SELL	59.50	Ordinary	(5,828)	(5,828)
15-May-2020	The Vanguard Group, Inc.	SELL	59.50	Ordinary	(2,200)	(2,200)
15-May-2020	The Vanguard Group, Inc.	BUY	59.48	Ordinary	5,077	5,077
15-May-2020	The Vanguard Group, Inc.	BUY	59.48	Ordinary	6,268	6,268
15-May-2020	The Vanguard Group, Inc.	BUY	59.48	Ordinary	1,817	1,817
18-May-2020	The Vanguard Group, Inc.	SELL	59.89	Ordinary	(4,810)	(4,810)
19-May-2020	The Vanguard Group, Inc.	SELL	60.10	Ordinary	(6,457)	(6,457)
20-May-2020	The Vanguard Group, Inc.	BUY	60.07	Ordinary	1,845	1,845
20-May-2020	The Vanguard Group, Inc.	SELL	59.10	Ordinary	(656)	(656)
20-May-2020	The Vanguard Group, Inc.	SELL	59.10	Ordinary	(2,937)	(2,937)
21-May-2020	The Vanguard Group, Inc.	BUY	59.05	Ordinary	3,404	3,404
21-May-2020	The Vanguard Group, Inc.	BUY	60.34	Ordinary	417	417
21-May-2020	The Vanguard Group, Inc.	BUY	60.34	Ordinary	6,464	6,464
22-May-2020	The Vanguard Group, Inc.	BUY	59.17	Ordinary	1,500	1,500
22-May-2020	The Vanguard Group, Inc.	BUY	58.70	Ordinary	9,682	9,682
22-May-2020	The Vanguard Group, Inc.	SELL	59.15	Ordinary	(5,588)	(5,588)
22-May-2020	The Vanguard Group, Inc.	BUY	59.15	Ordinary	4,115	4,115
27-May-2020	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
29-May-2020	The Vanguard Group, Inc.	BUY	63.88	Ordinary	13,090	13,090
29-May-2020	The Vanguard Group, Inc.	SELL	63.71	Ordinary	(6,656)	(6,656)
29-May-2020	The Vanguard Group, Inc.	SELL	63.71	Ordinary	(7,056)	(7,056)
29-May-2020	The Vanguard Group, Inc.	SELL	63.75	Ordinary	(3,763)	(3,763)
1-Jun-2020	The Vanguard Group, Inc.	BUY	63.05	Ordinary	1,298	1,298
1-Jun-2020	The Vanguard Group, Inc.	BUY	63.96	Ordinary	8,490	8,490
2-Jun-2020	The Vanguard Group, Inc.	BUY	64.03	Ordinary	38,704	38,704
2-Jun-2020	The Vanguard Group, Inc.	BUY	64.43	Ordinary	25,470	25,470
2-Jun-2020	The Vanguard Group, Inc.	BUY	64.00	Ordinary	4,239	4,239
3-Jun-2020	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 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-Jun-2020	The Vanguard Group, Inc.	SELL	66.11	Ordinary	(990)	(990)
4-Jun-2020	The Vanguard Group, Inc.	BUY	67.32	Ordinary	8,490	8,490
4-Jun-2020	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
5-Jun-2020	The Vanguard Group, Inc.	SELL	68.27	Ordinary	(60,202)	(60,202)
9-Jun-2020	The Vanguard Group, Inc.	BUY	71.40	Ordinary	1,000	1,000
9-Jun-2020	The Vanguard Group, Inc.	SELL	71.37	Ordinary	(615)	(615)
9-Jun-2020	The Vanguard Group, Inc.	BUY	72.20	Ordinary	2,943	2,943
9-Jun-2020	The Vanguard Group, Inc.	BUY	72.20	Ordinary	3,408	3,408
9-Jun-2020	The Vanguard Group, Inc.	BUY	72.20	Ordinary	897	897
9-Jun-2020	The Vanguard Group, Inc.	SELL	71.37	Ordinary	(121,722)	(121,722)
9-Jun-2020	The Vanguard Group, Inc.	SELL	70.02	Ordinary	(19,590)	(19,590)
9-Jun-2020	The Vanguard Group, Inc.	SELL	71.40	Ordinary	(7,056)	(7,056)
9-Jun-2020	The Vanguard Group, Inc.	SELL	72.20	Ordinary	(1,072)	(1,072)
10-Jun-2020	The Vanguard Group, Inc.	SELL	71.60	Ordinary	(79,195)	(79,195)
10-Jun-2020	The Vanguard Group, Inc.	SELL	71.60	Ordinary	(5,802)	(5,802)
10-Jun-2020	The Vanguard Group, Inc.	SELL	71.60	Ordinary	(50,330)	(50,330)
11-Jun-2020	The Vanguard Group, Inc.	BUY	66.52	Ordinary	8,490	8,490
11-Jun-2020	The Vanguard Group, Inc.	SELL	69.87	Ordinary	(31,378)	(31,378)
11-Jun-2020	The Vanguard Group, Inc.	SELL	66.52	Ordinary	(7,836)	(7,836)
11-Jun-2020	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
19-Jun-2020	The Vanguard Group, Inc.	BUY	68.25	Ordinary	1,000	1,000
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(929)	(929)
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(410)	(410)
19-Jun-2020	The Vanguard Group, Inc.	BUY	68.68	Ordinary	1,296	1,296
19-Jun-2020	The Vanguard Group, Inc.	BUY	68.68	Ordinary	4	4
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(280,219)	(280,219)
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(16,104)	(16,104)
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(3,912)	(3,912)
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.25	Ordinary	(3,072)	(3,072)
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.68	Ordinary	(10,113)	(10,113)
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(26,621)	(26,621)
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.25	Ordinary	(8,232)	(8,232)
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(14,094)	(14,094)
19-Jun-2020	The Vanguard Group, Inc.	SELL	68.64	Ordinary	(6,213)	(6,213)
22-Jun-2020	The Vanguard Group, Inc.	BUY	68.15	Ordinary	477	477
22-Jun-2020	The Vanguard Group, Inc.	BUY	69.44	Ordinary	1,288	1,288
22-Jun-2020	The Vanguard Group, Inc.	SELL	68.15	Ordinary	(2,590)	(2,590)
23-Jun-2020	The Vanguard Group, Inc.	BUY	69.03	Ordinary	297	297
23-Jun-2020	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
24-Jun-2020	The Vanguard Group, Inc.	SELL	67.86	Ordinary	(4,070)	(4,070)
24-Jun-2020	The Vanguard Group, Inc.	SELL	67.86	Ordinary	(11,712)	(11,712)
24-Jun-2020	The Vanguard Group, Inc.	SELL	67.86	Ordinary	(11,760)	(11,760)
24-Jun-2020	The Vanguard Group, Inc.	SELL	67.86	Ordinary	(3,528)	(3,528)
25-Jun-2020	The Vanguard Group, Inc.	SELL	67.65	Ordinary	(1,686)	(1,686)
25-Jun-2020	The Vanguard Group, Inc.	SELL	68.10	Ordinary	(57,885)	(57,885)
26-Jun-2020	The Vanguard Group, Inc.	SELL	68.67	Ordinary	(2,094)	(2,094)
29-Jun-2020	The Vanguard Group, Inc.	BUY	69.33	Ordinary	1,449	1,449
29-Jun-2020	The Vanguard Group, Inc.	BUY	68.58	Ordinary	1,808	1,808
29-Jun-2020	The Vanguard Group, Inc.	BUY	67.80	Ordinary	593	593
30-Jun-2020	The Vanguard Group, Inc.	BUY	69.42	Ordinary	41,237	41,237
30-Jun-2020	The Vanguard Group, Inc.	SELL	69.42	Ordinary	(49)	(49)
30-Jun-2020	The Vanguard Group, Inc.	SELL	69.55	Ordinary	(6,210)	(6,210)
30-Jun-2020	The Vanguard Group, Inc.	SELL	69.98	Ordinary	(9,760)	(9,760)
30-Jun-2020	The Vanguard Group, Inc.	BUY	69.55	Ordinary	5,198	5,198
1-Jul-2020	The Vanguard Group, Inc.	BUY	69.88	Ordinary	905	905
1-Jul-2020	The Vanguard Group, Inc.	BUY	69.45	Ordinary	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	648
2-Jul-2020	The Vanguard Group, Inc.	BUY	69.80	Ordinary	1,416	1,416
2-Jul-2020	The Vanguard Group, Inc.	BUY	69.80	Ordinary	4,452	4,452
3-Jul-2020	The Vanguard Group, Inc.	BUY	71.43	Ordinary	2,683	2,683
6-Jul-2020	The Vanguard Group, Inc.	BUY	71.61	Ordinary	2,898	2,898
6-Jul-2020	The Vanguard Group, Inc.	BUY	71.42	Ordinary	1,296	1,296
6-Jul-2020	The Vanguard Group, Inc.	BUY	71.61	Ordinary	3,700	3,700
7-Jul-2020	The Vanguard Group, Inc.	BUY	71.24	Ordinary	576	576
7-Jul-2020	The Vanguard Group, Inc.	BUY	71.90	Ordinary	290	290
7-Jul-2020	The Vanguard Group, Inc.	SELL	71.91	Ordinary	(20,819)	(20,819)
8-Jul-2020	The Vanguard Group, Inc.	SELL	70.97	Ordinary	(542)	(542)
8-Jul-2020	The Vanguard Group, Inc.	BUY	70.56	Ordinary	648	648
8-Jul-2020	The Vanguard Group, Inc.	BUY	70.56	Ordinary	1,129	1,129
8-Jul-2020	The Vanguard Group, Inc.	BUY	70.97	Ordinary	1,576	1,576
9-Jul-2020	The Vanguard Group, Inc.	BUY	71.02	Ordinary	46	46
9-Jul-2020	The Vanguard Group, Inc.	BUY	71.02	Ordinary	2,211	2,211
9-Jul-2020	The Vanguard Group, Inc.	SELL	70.94	Ordinary	(37,593)	(37,593)
9-Jul-2020	The Vanguard Group, Inc.	BUY	71.02	Ordinary	9,905	9,905
9-Jul-2020	The Vanguard Group, Inc.	BUY	69.98	Ordinary	2,102	2,102
10-Jul-2020	The Vanguard Group, Inc.	BUY	70.63	Ordinary	565	565
10-Jul-2020	The Vanguard Group, Inc.	BUY	70.61	Ordinary	733	733
10-Jul-2020	The Vanguard Group, Inc.	BUY	70.61	Ordinary	69	69
14-Jul-2020	The Vanguard Group, Inc.	SELL	71.73	Ordinary	(86,165)	(86,165)
14-Jul-2020	The Vanguard Group, Inc.	SELL	71.73	Ordinary	(21,715)	(21,715)
14-Jul-2020	The Vanguard Group, Inc.	BUY	71.73	Ordinary	485	485
14-Jul-2020	The Vanguard Group, Inc.	SELL	71.73	Ordinary	(824)	(824)
14-Jul-2020	The Vanguard Group, Inc.	BUY	72.00	Ordinary	1,447	1,447
15-Jul-2020	The Vanguard Group, Inc.	BUY	72.00	Ordinary	2,186	2,186
15-Jul-2020	The Vanguard Group, Inc.	SELL	72.84	Ordinary	(20,400)	(20,400)
15-Jul-2020	The Vanguard Group, Inc.	SELL	72.84	Ordinary	(6,800)	(6,800)
15-Jul-2020	The Vanguard Group, Inc.	SELL	71.80	Ordinary	(32,994)	(32,994)
16-Jul-2020	The Vanguard Group, Inc.	SELL	73.07	Ordinary	(726)	(726)
16-Jul-2020	The Vanguard Group, Inc.	SELL	73.07	Ordinary	(21,665)	(21,665)
16-Jul-2020	The Vanguard Group, Inc.	BUY	73.07	Ordinary	16,194	16,194
16-Jul-2020	The Vanguard Group, Inc.	BUY	73.07	Ordinary	3,019	3,019
16-Jul-2020	The Vanguard Group, Inc.	BUY	73.07	Ordinary	5,294	5,294
17-Jul-2020	The Vanguard Group, Inc.	SELL	72.81	Ordinary	(16,132)	(16,132)
17-Jul-2020	The Vanguard Group, Inc.	BUY	72.83	Ordinary	11,495	11,495
21-Jul-2020	The Vanguard Group, Inc.	SELL	72.78	Ordinary	(441)	(441)
21-Jul-2020	The Vanguard Group, Inc.	BUY	72.78	Ordinary	7,781	7,781
22-Jul-2020	The Vanguard Group, Inc.	SELL	74.39	Ordinary	(23,089)	(23,089)
23-Jul-2020	The Vanguard Group, Inc.	SELL	73.60	Ordinary	(20,662)	(20,662)
24-Jul-2020	The Vanguard Group, Inc.	SELL	73.26	Ordinary	(18,963)	(18,963)
27-Jul-2020	The Vanguard Group, Inc.	BUY	72.91	Ordinary	8,500	8,500
27-Jul-2020	The Vanguard Group, Inc.	BUY	72.91	Ordinary	10,664	10,664
28-Jul-2020	The Vanguard Group, Inc.	SELL	72.73	Ordinary	(29,190)	(29,190)
29-Jul-2020	The Vanguard Group, Inc.	BUY	72.81	Ordinary	65	65
29-Jul-2020	The Vanguard Group, Inc.	BUY	72.81	Ordinary	554	554
29-Jul-2020	The Vanguard Group, Inc.	SELL	72.84	Ordinary	(18,899)	(18,899)
29-Jul-2020	The Vanguard Group, Inc.	SELL	72.84	Ordinary	(2,393)	(2,393)
29-Jul-2020	The Vanguard Group, Inc.	BUY	72.81	Ordinary	13,476	13,476
30-Jul-2020	The Vanguard Group, Inc.	BUY	73.30	Ordinary	966	966
30-Jul-2020	The Vanguard Group, Inc.	BUY	73.22	Ordinary	1,806	1,806
30-Jul-2020	The Vanguard Group, Inc.	BUY	73.22	Ordinary	536	536
31-Jul-2020	The Vanguard Group, Inc.	BUY	71.20	Ordinary	560	560
31-Jul-2020	The Vanguard Group, Inc.	BUY	71.20	Ordinary	1,608	1,608
31-Jul-2020	The Vanguard Group, Inc.	SELL	72.52	Ordinary	(13,641)	(13,641)
31-Jul-2020	The Vanguard Group, Inc.	BUY	72.58	Ordinary	11,143	11,143
3-Aug-2020	The Vanguard Group, Inc.	BUY	69.93	Ordinary	10,182	10,182
3-Aug-2020	The Vanguard Group, Inc.	BUY	69.93	Ordinary	1,206	1,206
3-Aug-2020	The Vanguard Group, Inc.	BUY	70.41	Ordinary	1,986	1,986
3-Aug-2020	The Vanguard Group, Inc.	BUY	70.41	Ordinary	1,642	1,642
3-Aug-2020	The Vanguard Group, Inc.	BUY	70.41	Ordinary	918	918
4-Aug-2020	The Vanguard Group, Inc.	BUY	71.68	Ordinary	1,449	1,449
4-Aug-2020	The Vanguard Group, Inc.	BUY	71.50	Ordinary	560	560
4-Aug-2020	The Vanguard Group, Inc.	BUY	71.30	Ordinary	1,615	1,615
5-Aug-2020	The Vanguard Group, Inc.	SELL	70.31	Ordinary	(1,018)	(1,018)
5-Aug-2020	The Vanguard Group, Inc.	BUY	71.70	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 affected	Person's votes affected
6-Aug-2020	The Vanguard Group, Inc.	BUY	72.00	Ordinary	966	966
6-Aug-2020	The Vanguard Group, Inc.	BUY	71.94	Ordinary	45	45
6-Aug-2020	The Vanguard Group, Inc.	BUY	71.94	Ordinary	16,896	16,896
7-Aug-2020	The Vanguard Group, Inc.	BUY	71.52	Ordinary	698	698
7-Aug-2020	The Vanguard Group, Inc.	BUY	71.26	Ordinary	5,517	5,517
11-Aug-2020	The Vanguard Group, Inc.	BUY	74.70	Ordinary	19,034	19,034
11-Aug-2020	The Vanguard Group, Inc.	BUY	74.16	Ordinary	5,275	5,275
12-Aug-2020	The Vanguard Group, Inc.	BUY	74.34	Ordinary	560	560
12-Aug-2020	The Vanguard Group, Inc.	BUY	75.97	Ordinary	114	114
13-Aug-2020	The Vanguard Group, Inc.	BUY	72.43	Ordinary	644	644
13-Aug-2020	The Vanguard Group, Inc.	BUY	72.43	Ordinary	1,808	1,808
13-Aug-2020	The Vanguard Group, Inc.	SELL	72.39	Ordinary	(6,800)	(6,800)
13-Aug-2020	The Vanguard Group, Inc.	SELL	72.39	Ordinary	(6,125)	(6,125)
17-Aug-2020	The Vanguard Group, Inc.	BUY	70.86	Ordinary	7,400	7,400
17-Aug-2020	The Vanguard Group, Inc.	BUY	70.86	Ordinary	966	966
17-Aug-2020	The Vanguard Group, Inc.	BUY	71.10	Ordinary	642	642
17-Aug-2020	The Vanguard Group, Inc.	BUY	70.86	Ordinary	17,775	17,775
17-Aug-2020	The Vanguard Group, Inc.	BUY	70.86	Ordinary	23,700	23,700
18-Aug-2020	The Vanguard Group, Inc.	SELL	70.50	Ordinary	(70,803)	(70,803)
18-Aug-2020	The Vanguard Group, Inc.	BUY	70.50	Ordinary	4,440	4,440
18-Aug-2020	The Vanguard Group, Inc.	BUY	70.50	Ordinary	70,803	70,803
18-Aug-2020	The Vanguard Group, Inc.	BUY	70.48	Ordinary	15,597	15,597
19-Aug-2020	The Vanguard Group, Inc.	SELL	69.51	Ordinary	(843)	(843)
20-Aug-2020	The Vanguard Group, Inc.	BUY	70.59	Ordinary	2,590	2,590
20-Aug-2020	The Vanguard Group, Inc.	BUY	70.59	Ordinary	966	966
20-Aug-2020	The Vanguard Group, Inc.	SELL	69.85	Ordinary	(2,229)	(2,229)
20-Aug-2020	The Vanguard Group, Inc.	BUY	70.59	Ordinary	1,359	1,359
21-Aug-2020	The Vanguard Group, Inc.	BUY	70.50	Ordinary	1,619	1,619
21-Aug-2020	The Vanguard Group, Inc.	BUY	69.63	Ordinary	644	644
21-Aug-2020	The Vanguard Group, Inc.	SELL	69.63	Ordinary	(3,865)	(3,865)
25-Aug-2020	The Vanguard Group, Inc.	BUY	70.00	Ordinary	5,101	5,101
26-Aug-2020	The Vanguard Group, Inc.	SELL	69.82	Ordinary	(3,157)	(3,157)
26-Aug-2020	The Vanguard Group, Inc.	BUY	70.03	Ordinary	1,055	1,055
27-Aug-2020	The Vanguard Group, Inc.	BUY	69.22	Ordinary	7,770	7,770
27-Aug-2020	The Vanguard Group, Inc.	BUY	69.65	Ordinary	28	28
27-Aug-2020	The Vanguard Group, Inc.	BUY	69.22	Ordinary	9,875	9,875
28-Aug-2020	The Vanguard Group, Inc.	BUY	69.09	Ordinary	644	644
31-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)
31-Aug-2020	The Vanguard Group, Inc.	BUY	68.85	Ordinary	77	77
31-Aug-2020	The Vanguard Group, Inc.	BUY	68.15	Ordinary	2,112	2,112
1-Sep-2020	The Vanguard Group, Inc.	SELL	66.97	Ordinary	(708,178)	(708,178)
1-Sep-2020	The Vanguard Group, Inc.	BUY	66.97	Ordinary	708,178	708,178
2-Sep-2020	The Vanguard Group, Inc.	BUY	68.00	Ordinary	3,700	3,700
2-Sep-2020	The Vanguard Group, Inc.	BUY	68.00	Ordinary	1,449	1,449
2-Sep-2020	The Vanguard Group, Inc.	SELL	66.96	Ordinary	(850)	(850)
2-Sep-2020	The Vanguard Group, Inc.	BUY	67.61	Ordinary	942	942
2-Sep-2020	The Vanguard Group, Inc.	BUY	67.61	Ordinary	19,327	19,327
3-Sep-2020	The Vanguard Group, Inc.	BUY	66.86	Ordinary	3,700	3,700
3-Sep-2020	The Vanguard Group, Inc.	BUY	68.18	Ordinary	638	638
3-Sep-2020	The Vanguard Group, Inc.	BUY	68.18	Ordinary	2,528	2,528
3-Sep-2020	The Vanguard Group, Inc.	BUY	68.25	Ordinary	1,153	1,153
3-Sep-2020	The Vanguard Group, Inc.	BUY	68.25	Ordinary	4,389	4,389
4-Sep-2020	The Vanguard Group, Inc.	BUY	66.53	Ordinary	3,700	3,700
4-Sep-2020	The Vanguard Group, Inc.	BUY	67.13	Ordinary	21,669	21,669
4-Sep-2020	The Vanguard Group, Inc.	BUY	67.13	Ordinary	332	332
4-Sep-2020	The Vanguard Group, Inc.	SELL	66.73	Ordinary	(16,281)	(16,281)
8-Sep-2020	The Vanguard Group, Inc.	BUY	68.49	Ordinary	4,657	4,657
8-Sep-2020	The Vanguard Group, Inc.	BUY	68.49	Ordinary	536	536
8-Sep-2020	The Vanguard Group, Inc.	BUY	68.49	Ordinary	1,090	1,090
9-Sep-2020	The Vanguard Group, Inc.	BUY	66.79	Ordinary	560	560
9-Sep-2020	The Vanguard Group, Inc.	BUY	66.60	Ordinary	158	158
10-Sep-2020	The Vanguard Group, Inc.	BUY	67.88	Ordinary	17,805	17,805
10-Sep-2020	The Vanguard Group, Inc.	SELL	66.72	Ordinary	(17,872)	(17,872)
11-Sep-2020	The Vanguard Group, Inc.	BUY	65.62	Ordinary	5,550	5,550
11-Sep-2020	The Vanguard Group, Inc.	BUY	65.80	Ordinary	2,313	2,313
11-Sep-2020	The Vanguard Group, Inc.	BUY	66.00	Ordinary	47	47
11-Sep-2020	The Vanguard Group, Inc.	BUY	66.00	Ordinary	606	606

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-Sep-2020	The Vanguard Group, Inc.	BUY	66.17	Ordinary	1,134	1,134
14-Sep-2020	The Vanguard Group, Inc.	SELL	66.17	Ordinary	(23,519)	(23,519)
15-Sep-2020	The Vanguard Group, Inc.	SELL	66.00	Ordinary	(120)	(120)
15-Sep-2020	The Vanguard Group, Inc.	SELL	65.03	Ordinary	(17,608)	(17,608)
16-Sep-2020	The Vanguard Group, Inc.	BUY	65.57	Ordinary	966	966
16-Sep-2020	The Vanguard Group, Inc.	BUY	65.60	Ordinary	78	78
16-Sep-2020	The Vanguard Group, Inc.	BUY	65.57	Ordinary	2,112	2,112
17-Sep-2020	The Vanguard Group, Inc.	BUY	65.00	Ordinary	638	638
17-Sep-2020	The Vanguard Group, Inc.	BUY	65.00	Ordinary	536	536
17-Sep-2020	The Vanguard Group, Inc.	SELL	65.00	Ordinary	(34,101)	(34,101)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(191,789)	(191,789)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(8,464)	(8,464)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(7,891)	(7,891)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(3,186)	(3,186)
18-Sep-2020	The Vanguard Group, Inc.	BUY	64.37	Ordinary	1,364	1,364
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(453)	(453)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(787)	(787)
18-Sep-2020	The Vanguard Group, Inc.	BUY	64.37	Ordinary	21	21
18-Sep-2020	The Vanguard Group, Inc.	BUY	65.11	Ordinary	129	129
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(6,991)	(6,991)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(207)	(207)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(10,569)	(10,569)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.37	Ordinary	(531)	(531)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(18,136)	(18,136)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(9,967)	(9,967)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.37	Ordinary	(24,362)	(24,362)
18-Sep-2020	The Vanguard Group, Inc.	SELL	64.39	Ordinary	(1,555)	(1,555)
18-Sep-2020	The Vanguard Group, Inc.	BUY	63.89	Ordinary	1,056	1,056
21-Sep-2020	The Vanguard Group, Inc.	SELL	64.30	Ordinary	(2,829)	(2,829)
21-Sep-2020	The Vanguard Group, Inc.	BUY	63.50	Ordinary	2,096	2,096
22-Sep-2020	The Vanguard Group, Inc.	SELL	63.07	Ordinary	(715)	(715)
22-Sep-2020	The Vanguard Group, Inc.	BUY	63.26	Ordinary	2,078	2,078
23-Sep-2020	The Vanguard Group, Inc.	SELL	63.49	Ordinary	(912)	(912)
23-Sep-2020	The Vanguard Group, Inc.	BUY	64.27	Ordinary	554	554
23-Sep-2020	The Vanguard Group, Inc.	BUY	63.49	Ordinary	1,638	1,638
24-Sep-2020	The Vanguard Group, Inc.	BUY	64.20	Ordinary	2,287	2,287
24-Sep-2020	The Vanguard Group, Inc.	SELL	63.48	Ordinary	(8,322)	(8,322)
24-Sep-2020	The Vanguard Group, Inc.	SELL	64.20	Ordinary	(36,073)	(36,073)
25-Sep-2020	The Vanguard Group, Inc.	BUY	66.58	Ordinary	1,449	1,449
25-Sep-2020	The Vanguard Group, Inc.	BUY	65.49	Ordinary	110	110
28-Sep-2020	The Vanguard Group, Inc.	SELL	66.50	Ordinary	(10,534)	(10,534)
28-Sep-2020	The Vanguard Group, Inc.	BUY	65.49	Ordinary	20,750	20,750
29-Sep-2020	The Vanguard Group, Inc.	SELL	64.79	Ordinary	(719,329)	(719,329)
29-Sep-2020	The Vanguard Group, Inc.	BUY	64.79	Ordinary	719,329	719,329
29-Sep-2020	The Vanguard Group, Inc.	BUY	65.89	Ordinary	633	633
29-Sep-2020	The Vanguard Group, Inc.	SELL	65.02	Ordinary	(10,890)	(10,890)
30-Sep-2020	The Vanguard Group, Inc.	BUY	63.61	Ordinary	865	865
30-Sep-2020	The Vanguard Group, Inc.	BUY	63.61	Ordinary	924	924
30-Sep-2020	The Vanguard Group, Inc.	SELL	63.61	Ordinary	(707)	(707)
1-Oct-2020	The Vanguard Group, Inc.	BUY	64.04	Ordinary	1,625	1,625
1-Oct-2020	The Vanguard Group, Inc.	SELL	63.91	Ordinary	(1,754)	(1,754)
2-Oct-2020	The Vanguard Group, Inc.	BUY	63.72	Ordinary	535	535
2-Oct-2020	The Vanguard Group, Inc.	BUY	63.92	Ordinary	146	146
2-Oct-2020	The Vanguard Group, Inc.	BUY	64.07	Ordinary	11,610	11,610
5-Oct-2020	The Vanguard Group, Inc.	BUY	66.40	Ordinary	966	966
5-Oct-2020	The Vanguard Group, Inc.	BUY	65.99	Ordinary	6,726	6,726
6-Oct-2020	The Vanguard Group, Inc.	BUY	65.56	Ordinary	1,449	1,449
6-Oct-2020	The Vanguard Group, Inc.	BUY	66.15	Ordinary	590	590
6-Oct-2020	The Vanguard Group, Inc.	BUY	65.56	Ordinary	1,039	1,039
7-Oct-2020	The Vanguard Group, Inc.	BUY	67.57	Ordinary	4,865	4,865
8-Oct-2020	The Vanguard Group, Inc.	BUY	68.25	Ordinary	2,744	2,744
9-Oct-2020	The Vanguard Group, Inc.	BUY	67.90	Ordinary	11,100	11,100
9-Oct-2020	The Vanguard Group, Inc.	BUY	67.90	Ordinary	966	966
9-Oct-2020	The Vanguard Group, Inc.	BUY	67.90	Ordinary	1,449	1,449
9-Oct-2020	The Vanguard Group, Inc.	BUY	68.50	Ordinary	2,073	2,073
9-Oct-2020	The Vanguard Group, Inc.	BUY	67.90	Ordinary	25,155	25,155
9-Oct-2020	The Vanguard Group, Inc.	BUY	67.90	Ordinary	9,675	9,675
9-Oct-2020	The Vanguard Group, Inc.	BUY	67.90	Ordinary	4,230	4,230

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Oct-2020	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
13-Oct-2020	The Vanguard Group, Inc.	SELL	69.38	Ordinary	(20,791)	(20,791)
13-Oct-2020	The Vanguard Group, Inc.	BUY	69.57	Ordinary	149	149
14-Oct-2020	The Vanguard Group, Inc.	SELL	68.91	Ordinary	(1,282)	(1,282)
14-Oct-2020	The Vanguard Group, Inc.	SELL	68.67	Ordinary	(19,522)	(19,522)
15-Oct-2020	The Vanguard Group, Inc.	BUY	69.28	Ordinary	1,014	1,014
16-Oct-2020	The Vanguard Group, Inc.	BUY	69.00	Ordinary	2,603	2,603
19-Oct-2020	The Vanguard Group, Inc.	BUY	70.01	Ordinary	1,180	1,180
21-Oct-2020	The Vanguard Group, Inc.	BUY	69.67	Ordinary	3,318	3,318
21-Oct-2020	The Vanguard Group, Inc.	SELL	69.67	Ordinary	(13,287)	(13,287)
22-Oct-2020	The Vanguard Group, Inc.	BUY	69.01	Ordinary	10,237	10,237
22-Oct-2020	The Vanguard Group, Inc.	SELL	69.01	Ordinary	(11,453)	(11,453)
22-Oct-2020	The Vanguard Group, Inc.	BUY	69.33	Ordinary	908	908
23-Oct-2020	The Vanguard Group, Inc.	BUY	69.90	Ordinary	1,164	1,164
23-Oct-2020	The Vanguard Group, Inc.	SELL	69.90	Ordinary	(2,392)	(2,392)
23-Oct-2020	The Vanguard Group, Inc.	BUY	69.62	Ordinary	119	119
23-Oct-2020	The Vanguard Group, Inc.	BUY	69.90	Ordinary	9,596	9,596
26-Oct-2020	The Vanguard Group, Inc.	BUY	69.95	Ordinary	7,405	7,405
27-Oct-2020	The Vanguard Group, Inc.	BUY	68.75	Ordinary	6,730	6,730
27-Oct-2020	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
2-Nov-2020	The Vanguard Group, Inc.	BUY	68.87	Ordinary	7,080	7,080
2-Nov-2020	The Vanguard Group, Inc.	BUY	68.87	Ordinary	910	910
2-Nov-2020	The Vanguard Group, Inc.	BUY	68.87	Ordinary	890	890
2-Nov-2020	The Vanguard Group, Inc.	BUY	69.68	Ordinary	114	114
3-Nov-2020	The Vanguard Group, Inc.	BUY	70.41	Ordinary	2,898	2,898
3-Nov-2020	The Vanguard Group, Inc.	BUY	69.07	Ordinary	1,062	1,062
3-Nov-2020	The Vanguard Group, Inc.	SELL	69.07	Ordinary	(10,580)	(10,580)
3-Nov-2020	The Vanguard Group, Inc.	BUY	70.41	Ordinary	3,117	3,117
4-Nov-2020	The Vanguard Group, Inc.	BUY	68.75	Ordinary	948	948
5-Nov-2020	The Vanguard Group, Inc.	BUY	69.67	Ordinary	24,070	24,070
5-Nov-2020	The Vanguard Group, Inc.	BUY	69.67	Ordinary	1,282	1,282
5-Nov-2020	The Vanguard Group, Inc.	BUY	69.67	Ordinary	130	130
6-Nov-2020	The Vanguard Group, Inc.	BUY	69.79	Ordinary	590	590
6-Nov-2020	The Vanguard Group, Inc.	BUY	70.00	Ordinary	174	174
9-Nov-2020	The Vanguard Group, Inc.	BUY	70.31	Ordinary	916	916
9-Nov-2020	The Vanguard Group, Inc.	BUY	70.31	Ordinary	746	746
10-Nov-2020	The Vanguard Group, Inc.	SELL	72.06	Ordinary	(55,004)	(55,004)
10-Nov-2020	The Vanguard Group, Inc.	SELL	72.40	Ordinary	(4,130)	(4,130)
10-Nov-2020	The Vanguard Group, Inc.	SELL	72.06	Ordinary	(5,118)	(5,118)
11-Nov-2020	The Vanguard Group, Inc.	SELL	72.95	Ordinary	(318)	(318)
11-Nov-2020	The Vanguard Group, Inc.	SELL	74.40	Ordinary	(390)	(390)
12-Nov-2020	The Vanguard Group, Inc.	BUY	73.07	Ordinary	910	910
13-Nov-2020	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
17-Nov-2020	The Vanguard Group, Inc.	BUY	75.39	Ordinary	1,409	1,409
17-Nov-2020	The Vanguard Group, Inc.	SELL	74.65	Ordinary	(370)	(370)
17-Nov-2020	The Vanguard Group, Inc.	BUY	74.65	Ordinary	128	128
18-Nov-2020	The Vanguard Group, Inc.	BUY	77.55	Ordinary	750	750
18-Nov-2020	The Vanguard Group, Inc.	BUY	76.98	Ordinary	2,078	2,078
19-Nov-2020	The Vanguard Group, Inc.	BUY	78.87	Ordinary	647	647
19-Nov-2020	The Vanguard Group, Inc.	BUY	78.00	Ordinary	39	39
20-Nov-2020	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
20-Nov-2020	The Vanguard Group, Inc.	BUY	80.00	Ordinary	112	112
20-Nov-2020	The Vanguard Group, Inc.	BUY	78.78	Ordinary	894	894
20-Nov-2020	The Vanguard Group, Inc.	BUY	80.00	Ordinary	9,488	9,488
20-Nov-2020	The Vanguard Group, Inc.	BUY	80.00	Ordinary	1,320	1,320
20-Nov-2020	The Vanguard Group, Inc.	BUY	80.00	Ordinary	1,651	1,651
24-Nov-2020	The Vanguard Group, Inc.	BUY	81.16	Ordinary	915	915
25-Nov-2020	The Vanguard Group, Inc.	BUY	82.37	Ordinary	590	590
25-Nov-2020	The Vanguard Group, Inc.	BUY	82.37	Ordinary	2,666	2,666
25-Nov-2020	The Vanguard Group, Inc.	BUY	82.40	Ordinary	121	121
26-Nov-2020	The Vanguard Group, Inc.	BUY	81.09	Ordinary	6,736	6,736
27-Nov-2020	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)
30-Nov-2020	The Vanguard Group, Inc.	SELL	79.57	Ordinary	(7,505)	(7,505)
1-Dec-2020	The Vanguard Group, Inc.	BUY	80.25	Ordinary	1,180	1,180
1-Dec-2020	The Vanguard Group, Inc.	BUY	80.25	Ordinary	590	590
1-Dec-2020	The Vanguard Group, Inc.	BUY	80.25	Ordinary	964	964
1-Dec-2020	The Vanguard Group, Inc.	BUY	80.25	Ordinary	1,479	1,479
1-Dec-2020	The Vanguard Group, Inc.	BUY	79.01	Ordinary	55	55
2-Dec-2020	The Vanguard Group, Inc.	BUY	80.10	Ordinary	2,042	2,042
2-Dec-2020	The Vanguard Group, Inc.	BUY	80.10	Ordinary	14,184	14,184
2-Dec-2020	The Vanguard Group, Inc.	BUY	80.10	Ordinary	914	914
2-Dec-2020	The Vanguard Group, Inc.	BUY	80.10	Ordinary	1,025	1,025
2-Dec-2020	The Vanguard Group, Inc.	BUY	80.33	Ordinary	625	625
3-Dec-2020	The Vanguard Group, Inc.	BUY	80.00	Ordinary	419	419
3-Dec-2020	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
7-Dec-2020	The Vanguard Group, Inc.	BUY	80.74	Ordinary	889	889
7-Dec-2020	The Vanguard Group, Inc.	BUY	80.82	Ordinary	2,100	2,100
7-Dec-2020	The Vanguard Group, Inc.	BUY	80.82	Ordinary	3,150	3,150
8-Dec-2020	The Vanguard Group, Inc.	BUY	81.81	Ordinary	365	365
8-Dec-2020	The Vanguard Group, Inc.	BUY	80.38	Ordinary	1,915	1,915
8-Dec-2020	The Vanguard Group, Inc.	BUY	82.02	Ordinary	15,228	15,228
8-Dec-2020	The Vanguard Group, Inc.	BUY	82.02	Ordinary	1,251	1,251
9-Dec-2020	The Vanguard Group, Inc.	SELL	82.00	Ordinary	(19,870)	(19,870)
9-Dec-2020	The Vanguard Group, Inc.	BUY	82.76	Ordinary	5,076	5,076
10-Dec-2020	The Vanguard Group, Inc.	SELL	83.55	Ordinary	(688)	(688)
10-Dec-2020	The Vanguard Group, Inc.	BUY	83.55	Ordinary	106	106
10-Dec-2020	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
15-Dec-2020	The Vanguard Group, Inc.	BUY	83.65	Ordinary	11,844	11,844
16-Dec-2020	The Vanguard Group, Inc.	BUY	83.85	Ordinary	3,367	3,367
16-Dec-2020	The Vanguard Group, Inc.	BUY	83.85	Ordinary	915	915
16-Dec-2020	The Vanguard Group, Inc.	SELL	83.13	Ordinary	(4,291)	(4,291)
17-Dec-2020	The Vanguard Group, Inc.	SELL	84.59	Ordinary	(6,551)	(6,551)
17-Dec-2020	The Vanguard Group, Inc.	BUY	84.59	Ordinary	70	70
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(141,882)	(141,882)
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(20,045)	(20,045)
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(2,367)	(2,367)
18-Dec-2020	The Vanguard Group, Inc.	BUY	83.16	Ordinary	3,352	3,352
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(1,116)	(1,116)
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(545)	(545)
18-Dec-2020	The Vanguard Group, Inc.	BUY	83.16	Ordinary	931	931
18-Dec-2020	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)
18-Dec-2020	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 affected	Person's votes affected
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(12,734)	(12,734)
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(70,160)	(70,160)
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(2,416)	(2,416)
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(2,365)	(2,365)
18-Dec-2020	The Vanguard Group, Inc.	BUY	83.19	Ordinary	1,183	1,183
18-Dec-2020	The Vanguard Group, Inc.	BUY	83.19	Ordinary	4,732	4,732
18-Dec-2020	The Vanguard Group, Inc.	SELL	83.26	Ordinary	(1,622)	(1,622)
21-Dec-2020	The Vanguard Group, Inc.	BUY	83.00	Ordinary	3,351	3,351
21-Dec-2020	The Vanguard Group, Inc.	BUY	83.12	Ordinary	1,433	1,433
21-Dec-2020	The Vanguard Group, Inc.	SELL	83.00	Ordinary	(27,567)	(27,567)
22-Dec-2020	The Vanguard Group, Inc.	BUY	82.34	Ordinary	4,724	4,724
22-Dec-2020	The Vanguard Group, Inc.	BUY	82.34	Ordinary	8,405	8,405
22-Dec-2020	The Vanguard Group, Inc.	BUY	82.42	Ordinary	1,607	1,607
22-Dec-2020	The Vanguard Group, Inc.	BUY	82.75	Ordinary	7,273	7,273
23-Dec-2020	The Vanguard Group, Inc.	BUY	83.18	Ordinary	19,335	19,335
23-Dec-2020	The Vanguard Group, Inc.	BUY	83.18	Ordinary	859	859
24-Dec-2020	The Vanguard Group, Inc.	BUY	83.79	Ordinary	30,721	30,721
24-Dec-2020	The Vanguard Group, Inc.	BUY	83.15	Ordinary	590	590
24-Dec-2020	The Vanguard Group, Inc.	BUY	83.15	Ordinary	3,349	3,349
24-Dec-2020	The Vanguard Group, Inc.	BUY	83.79	Ordinary	165	165
29-Dec-2020	The Vanguard Group, Inc.	BUY	84.05	Ordinary	2,538	2,538
29-Dec-2020	The Vanguard Group, Inc.	BUY	84.05	Ordinary	4,120	4,120
29-Dec-2020	The Vanguard Group, Inc.	BUY	83.72	Ordinary	2,068	2,068
29-Dec-2020	The Vanguard Group, Inc.	BUY	84.05	Ordinary	6,779	6,779
30-Dec-2020	The Vanguard Group, Inc.	SELL	83.36	Ordinary	(35,647)	(35,647)
30-Dec-2020	The Vanguard Group, Inc.	SELL	83.59	Ordinary	(24,443)	(24,443)
30-Dec-2020	The Vanguard Group, Inc.	BUY	83.44	Ordinary	432	432
30-Dec-2020	The Vanguard Group, Inc.	BUY	83.44	Ordinary	1,034	1,034
30-Dec-2020	The Vanguard Group, Inc.	BUY	83.59	Ordinary	12,745	12,745
30-Dec-2020	The Vanguard Group, Inc.	BUY	83.59	Ordinary	1,180	1,180
30-Dec-2020	The Vanguard Group, Inc.	SELL	83.59	Ordinary	(19,898)	(19,898)
30-Dec-2020	The Vanguard Group, Inc.	BUY	83.55	Ordinary	789	789
30-Dec-2020	The Vanguard Group, Inc.	SELL	82.11	Ordinary	(2,596)	(2,596)
31-Dec-2020	The Vanguard Group, Inc.	SELL	82.45	Ordinary	(24,986)	(24,986)
31-Dec-2020	The Vanguard Group, Inc.	BUY	82.11	Ordinary	2,161	2,161
31-Dec-2020	The Vanguard Group, Inc.	BUY	82.45	Ordinary	24,986	24,986
4-Jan-2021	The Vanguard Group, Inc.	BUY	82.23	Ordinary	4,210	4,210
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.56	Ordinary	7,086	7,086
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.56	Ordinary	2,085	2,085
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.56	Ordinary	2,502	2,502
5-Jan-2021	The Vanguard Group, Inc.	SELL	83.00	Ordinary	(1,121)	(1,121)
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.23	Ordinary	3,361	3,361
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.23	Ordinary	801	801
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.23	Ordinary	1,977	1,977
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.23	Ordinary	574	574
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.00	Ordinary	3,589	3,589
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.00	Ordinary	101	101
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.00	Ordinary	1,157	1,157
5-Jan-2021	The Vanguard Group, Inc.	BUY	83.00	Ordinary	449	449
6-Jan-2021	The Vanguard Group, Inc.	BUY	83.41	Ordinary	6,616	6,616
6-Jan-2021	The Vanguard Group, Inc.	SELL	82.78	Ordinary	(17,875)	(17,875)
6-Jan-2021	The Vanguard Group, Inc.	SELL	82.78	Ordinary	(356)	(356)
6-Jan-2021	The Vanguard Group, Inc.	BUY	82.90	Ordinary	590	590
6-Jan-2021	The Vanguard Group, Inc.	SELL	82.90	Ordinary	(240)	(240)
7-Jan-2021	The Vanguard Group, Inc.	BUY	84.94	Ordinary	29,525	29,525
7-Jan-2021	The Vanguard Group, Inc.	BUY	84.94	Ordinary	1,668	1,668
7-Jan-2021	The Vanguard Group, Inc.	BUY	84.94	Ordinary	29,772	29,772
7-Jan-2021	The Vanguard Group, Inc.	SELL	84.40	Ordinary	(24,423)	(24,423)
7-Jan-2021	The Vanguard Group, Inc.	BUY	84.94	Ordinary	864	864
7-Jan-2021	The Vanguard Group, Inc.	BUY	84.38	Ordinary	8,584	8,584
7-Jan-2021	The Vanguard Group, Inc.	BUY	84.58	Ordinary	912	912
8-Jan-2021	The Vanguard Group, Inc.	BUY	85.62	Ordinary	17,715	17,715
8-Jan-2021	The Vanguard Group, Inc.	BUY	85.62	Ordinary	3,336	3,336
8-Jan-2021	The Vanguard Group, Inc.	BUY	85.63	Ordinary	6,490	6,490
8-Jan-2021	The Vanguard Group, Inc.	BUY	85.63	Ordinary	2,378	2,378
8-Jan-2021	The Vanguard Group, Inc.	BUY	85.63	Ordinary	910	910
8-Jan-2021	The Vanguard Group, Inc.	BUY	85.63	Ordinary	8,035	8,035
8-Jan-2021	The Vanguard Group, Inc.	BUY	85.63	Ordinary	509	509

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-Jan-2021	The Vanguard Group, Inc.	BUY	85.62	Ordinary	23,196	23,196
11-Jan-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	1,821	1,821
11-Jan-2021	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	3,361
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	2,085
13-Jan-2021	The Vanguard Group, Inc.	BUY	86.04	Ordinary	3,102	3,102
13-Jan-2021	The Vanguard Group, Inc.	BUY	86.04	Ordinary	3,102	3,102
13-Jan-2021	The Vanguard Group, Inc.	BUY	85.97	Ordinary	590	590
13-Jan-2021	The Vanguard Group, Inc.	BUY	85.97	Ordinary	1,687	1,687
13-Jan-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	1,951	1,951
13-Jan-2021	The Vanguard Group, Inc.	BUY	86.04	Ordinary	13,531	13,531
14-Jan-2021	The Vanguard Group, Inc.	BUY	86.17	Ordinary	3,543	3,543
14-Jan-2021	The Vanguard Group, Inc.	BUY	86.17	Ordinary	1,668	1,668
14-Jan-2021	The Vanguard Group, Inc.	BUY	86.17	Ordinary	2,068	2,068
14-Jan-2021	The Vanguard Group, Inc.	BUY	86.33	Ordinary	914	914
15-Jan-2021	The Vanguard Group, Inc.	BUY	85.09	Ordinary	5,170	5,170
18-Jan-2021	The Vanguard Group, Inc.	BUY	84.67	Ordinary	3,361	3,361
18-Jan-2021	The Vanguard Group, Inc.	BUY	85.10	Ordinary	12,605	12,605
18-Jan-2021	The Vanguard Group, Inc.	BUY	85.10	Ordinary	117	117
19-Jan-2021	The Vanguard Group, Inc.	BUY	85.11	Ordinary	590	590
19-Jan-2021	The Vanguard Group, Inc.	BUY	85.11	Ordinary	41,948	41,948
20-Jan-2021	The Vanguard Group, Inc.	BUY	84.37	Ordinary	1,285	1,285
20-Jan-2021	The Vanguard Group, Inc.	BUY	84.37	Ordinary	745	745
20-Jan-2021	The Vanguard Group, Inc.	BUY	85.11	Ordinary	78	78
21-Jan-2021	The Vanguard Group, Inc.	BUY	85.12	Ordinary	14,886	14,886
21-Jan-2021	The Vanguard Group, Inc.	BUY	85.12	Ordinary	7,732	7,732
22-Jan-2021	The Vanguard Group, Inc.	BUY	85.09	Ordinary	864	864
22-Jan-2021	The Vanguard Group, Inc.	SELL	85.00	Ordinary	(269)	(269)
22-Jan-2021	The Vanguard Group, Inc.	BUY	85.08	Ordinary	2,394	2,394
22-Jan-2021	The Vanguard Group, Inc.	BUY	85.08	Ordinary	15,952	15,952
22-Jan-2021	The Vanguard Group, Inc.	BUY	85.09	Ordinary	1,180	1,180
22-Jan-2021	The Vanguard Group, Inc.	BUY	85.09	Ordinary	6,718	6,718
22-Jan-2021	The Vanguard Group, Inc.	BUY	85.09	Ordinary	20,957	20,957
22-Jan-2021	The Vanguard Group, Inc.	BUY	85.08	Ordinary	612	612
25-Jan-2021	The Vanguard Group, Inc.	BUY	85.25	Ordinary	5,213	5,213
25-Jan-2021	The Vanguard Group, Inc.	BUY	85.27	Ordinary	502	502
25-Jan-2021	The Vanguard Group, Inc.	BUY	85.25	Ordinary	749	749
25-Jan-2021	The Vanguard Group, Inc.	BUY	85.29	Ordinary	17,397	17,397
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.60	Ordinary	2,249	2,249
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.60	Ordinary	3,360	3,360
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.60	Ordinary	1,304	1,304
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.06	Ordinary	788	788
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.06	Ordinary	91	91
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.06	Ordinary	11,080	11,080
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.06	Ordinary	4,480	4,480
27-Jan-2021	The Vanguard Group, Inc.	BUY	86.06	Ordinary	3,044	3,044
28-Jan-2021	The Vanguard Group, Inc.	BUY	85.62	Ordinary	864	864
28-Jan-2021	The Vanguard Group, Inc.	SELL	85.31	Ordinary	(599)	(599)
28-Jan-2021	The Vanguard Group, Inc.	BUY	85.62	Ordinary	3,102	3,102
28-Jan-2021	The Vanguard Group, Inc.	BUY	85.62	Ordinary	2,068	2,068
28-Jan-2021	The Vanguard Group, Inc.	BUY	85.14	Ordinary	590	590
28-Jan-2021	The Vanguard Group, Inc.	BUY	85.14	Ordinary	21,912	21,912
28-Jan-2021	The Vanguard Group, Inc.	BUY	85.62	Ordinary	11,598	11,598
29-Jan-2021	The Vanguard Group, Inc.	BUY	83.08	Ordinary	5,905	5,905
29-Jan-2021	The Vanguard Group, Inc.	BUY	83.08	Ordinary	4,962	4,962
29-Jan-2021	The Vanguard Group, Inc.	BUY	83.51	Ordinary	1,180	1,180
29-Jan-2021	The Vanguard Group, Inc.	BUY	83.51	Ordinary	3,547	3,547
29-Jan-2021	The Vanguard Group, Inc.	BUY	83.51	Ordinary	894	894
29-Jan-2021	The Vanguard Group, Inc.	BUY	85.99	Ordinary	94	94
29-Jan-2021	The Vanguard Group, Inc.	BUY	85.99	Ordinary	4,921	4,921
29-Jan-2021	The Vanguard Group, Inc.	BUY	83.08	Ordinary	11,598	11,598
1-Feb-2021	The Vanguard Group, Inc.	SELL	84.68	Ordinary	(5,310)	(5,310)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Feb-2021	The Vanguard Group, Inc.	BUY	84.68	Ordinary	1,077	1,077
1-Feb-2021	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
3-Feb-2021	The Vanguard Group, Inc.	BUY	87.21	Ordinary	5,110	5,110
3-Feb-2021	The Vanguard Group, Inc.	BUY	87.63	Ordinary	1,296	1,296
3-Feb-2021	The Vanguard Group, Inc.	SELL	87.21	Ordinary	(741)	(741)
3-Feb-2021	The Vanguard Group, Inc.	BUY	87.59	Ordinary	523	523
3-Feb-2021	The Vanguard Group, Inc.	BUY	87.21	Ordinary	43	43
3-Feb-2021	The Vanguard Group, Inc.	BUY	87.21	Ordinary	3,441	3,441
4-Feb-2021	The Vanguard Group, Inc.	BUY	87.06	Ordinary	1,668	1,668
4-Feb-2021	The Vanguard Group, Inc.	BUY	87.71	Ordinary	11,598	11,598
5-Feb-2021	The Vanguard Group, Inc.	BUY	88.19	Ordinary	2,144	2,144
5-Feb-2021	The Vanguard Group, Inc.	BUY	88.72	Ordinary	2,160	2,160
5-Feb-2021	The Vanguard Group, Inc.	BUY	88.72	Ordinary	1,296	1,296
5-Feb-2021	The Vanguard Group, Inc.	BUY	88.64	Ordinary	590	590
5-Feb-2021	The Vanguard Group, Inc.	SELL	88.20	Ordinary	(3,549)	(3,549)
8-Feb-2021	The Vanguard Group, Inc.	BUY	88.83	Ordinary	11,116	11,116
8-Feb-2021	The Vanguard Group, Inc.	BUY	88.83	Ordinary	3,424	3,424
8-Feb-2021	The Vanguard Group, Inc.	BUY	88.82	Ordinary	2,068	2,068
8-Feb-2021	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
10-Feb-2021	The Vanguard Group, Inc.	BUY	85.79	Ordinary	5,799	5,799
11-Feb-2021	The Vanguard Group, Inc.	BUY	87.04	Ordinary	9,448	9,448
11-Feb-2021	The Vanguard Group, Inc.	BUY	87.04	Ordinary	6,616	6,616
11-Feb-2021	The Vanguard Group, Inc.	BUY	87.04	Ordinary	1,728	1,728
11-Feb-2021	The Vanguard Group, Inc.	BUY	87.04	Ordinary	4,136	4,136
11-Feb-2021	The Vanguard Group, Inc.	BUY	87.05	Ordinary	590	590
11-Feb-2021	The Vanguard Group, Inc.	BUY	87.05	Ordinary	25,412	25,412
11-Feb-2021	The Vanguard Group, Inc.	BUY	87.04	Ordinary	15,464	15,464
12-Feb-2021	The Vanguard Group, Inc.	BUY	87.34	Ordinary	5,905	5,905
12-Feb-2021	The Vanguard Group, Inc.	BUY	87.34	Ordinary	4,962	4,962
12-Feb-2021	The Vanguard Group, Inc.	BUY	87.34	Ordinary	1,296	1,296
12-Feb-2021	The Vanguard Group, Inc.	BUY	86.87	Ordinary	590	590
12-Feb-2021	The Vanguard Group, Inc.	BUY	87.00	Ordinary	196	196
12-Feb-2021	The Vanguard Group, Inc.	BUY	87.34	Ordinary	17,397	17,397
15-Feb-2021	The Vanguard Group, Inc.	BUY	87.10	Ordinary	4,957	4,957
16-Feb-2021	The Vanguard Group, Inc.	BUY	85.91	Ordinary	3,411	3,411
16-Feb-2021	The Vanguard Group, Inc.	BUY	85.91	Ordinary	560	560
16-Feb-2021	The Vanguard Group, Inc.	BUY	85.91	Ordinary	1,739	1,739
16-Feb-2021	The Vanguard Group, Inc.	SELL	85.91	Ordinary	(151)	(151)
17-Feb-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	8,427	8,427
17-Feb-2021	The Vanguard Group, Inc.	BUY	84.28	Ordinary	303	303
17-Feb-2021	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
19-Feb-2021	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
19-Feb-2021	The Vanguard Group, Inc.	SELL	83.10	Ordinary	(953)	(953)
19-Feb-2021	The Vanguard Group, Inc.	SELL	83.10	Ordinary	(13,417)	(13,417)
22-Feb-2021	The Vanguard Group, Inc.	SELL	81.88	Ordinary	(39,325)	(39,325)
22-Feb-2021	The Vanguard Group, Inc.	SELL	81.90	Ordinary	(6,742)	(6,742)
22-Feb-2021	The Vanguard Group, Inc.	BUY	81.90	Ordinary	1,049	1,049
22-Feb-2021	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

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
23-Feb-2021	The Vanguard Group, Inc.	BUY	83.12	Ordinary	2,068	2,068
23-Feb-2021	The Vanguard Group, Inc.	SELL	83.29	Ordinary	(9,641)	(9,641)
24-Feb-2021	The Vanguard Group, Inc.	BUY	83.43	Ordinary	864	864
24-Feb-2021	The Vanguard Group, Inc.	BUY	83.27	Ordinary	3,403	3,403
24-Feb-2021	The Vanguard Group, Inc.	BUY	83.43	Ordinary	2,068	2,068
24-Feb-2021	The Vanguard Group, Inc.	BUY	82.78	Ordinary	590	590
24-Feb-2021	The Vanguard Group, Inc.	BUY	82.78	Ordinary	916	916
24-Feb-2021	The Vanguard Group, Inc.	BUY	82.78	Ordinary	1,386	1,386
25-Feb-2021	The Vanguard Group, Inc.	BUY	82.51	Ordinary	12,408	12,408
25-Feb-2021	The Vanguard Group, Inc.	BUY	83.70	Ordinary	590	590
25-Feb-2021	The Vanguard Group, Inc.	BUY	83.70	Ordinary	659	659
25-Feb-2021	The Vanguard Group, Inc.	BUY	83.70	Ordinary	620	620
26-Feb-2021	The Vanguard Group, Inc.	BUY	81.59	Ordinary	194	194
26-Feb-2021	The Vanguard Group, Inc.	BUY	81.56	Ordinary	590	590
26-Feb-2021	The Vanguard Group, Inc.	SELL	81.56	Ordinary	(38,750)	(38,750)
26-Feb-2021	The Vanguard Group, Inc.	BUY	81.56	Ordinary	2,063	2,063
1-Mar-2021	The Vanguard Group, Inc.	BUY	84.77	Ordinary	5,004	5,004
1-Mar-2021	The Vanguard Group, Inc.	BUY	84.77	Ordinary	864	864
1-Mar-2021	The Vanguard Group, Inc.	BUY	84.77	Ordinary	2,068	2,068
1-Mar-2021	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
2-Mar-2021	The Vanguard Group, Inc.	BUY	84.49	Ordinary	590	590
2-Mar-2021	The Vanguard Group, Inc.	BUY	84.49	Ordinary	533	533
2-Mar-2021	The Vanguard Group, Inc.	BUY	84.49	Ordinary	708	708
2-Mar-2021	The Vanguard Group, Inc.	BUY	84.61	Ordinary	845	845
3-Mar-2021	The Vanguard Group, Inc.	SELL	84.25	Ordinary	(604)	(604)
3-Mar-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	3,478	3,478
3-Mar-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	7,278	7,278
3-Mar-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	856	856
3-Mar-2021	The Vanguard Group, Inc.	BUY	84.25	Ordinary	818	818
3-Mar-2021	The Vanguard Group, Inc.	BUY	84.25	Ordinary	427	427
4-Mar-2021	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
5-Mar-2021	The Vanguard Group, Inc.	BUY	87.39	Ordinary	1,296	1,296
5-Mar-2021	The Vanguard Group, Inc.	BUY	86.45	Ordinary	590	590
5-Mar-2021	The Vanguard Group, Inc.	BUY	86.37	Ordinary	1,599	1,599
8-Mar-2021	The Vanguard Group, Inc.	BUY	87.70	Ordinary	2,068	2,068
8-Mar-2021	The Vanguard Group, Inc.	BUY	87.32	Ordinary	875	875
8-Mar-2021	The Vanguard Group, Inc.	SELL	87.33	Ordinary	(81,463)	(81,463)
9-Mar-2021	The Vanguard Group, Inc.	BUY	88.31	Ordinary	4,724	4,724
9-Mar-2021	The Vanguard Group, Inc.	BUY	88.31	Ordinary	2,502	2,502
9-Mar-2021	The Vanguard Group, Inc.	BUY	88.31	Ordinary	16,540	16,540
9-Mar-2021	The Vanguard Group, Inc.	SELL	88.52	Ordinary	(24,684)	(24,684)
9-Mar-2021	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
9-Mar-2021	The Vanguard Group, Inc.	BUY	87.89	Ordinary	1,040	1,040
10-Mar-2021	The Vanguard Group, Inc.	BUY	87.17	Ordinary	2,085	2,085
10-Mar-2021	The Vanguard Group, Inc.	BUY	86.72	Ordinary	1,770	1,770
10-Mar-2021	The Vanguard Group, Inc.	BUY	87.99	Ordinary	8,730	8,730
11-Mar-2021	The Vanguard Group, Inc.	BUY	86.98	Ordinary	8,253	8,253
11-Mar-2021	The Vanguard Group, Inc.	BUY	86.98	Ordinary	5,421	5,421
11-Mar-2021	The Vanguard Group, Inc.	BUY	86.45	Ordinary	550	550
12-Mar-2021	The Vanguard Group, Inc.	BUY	86.49	Ordinary	17,907	17,907
12-Mar-2021	The Vanguard Group, Inc.	BUY	86.49	Ordinary	892	892
15-Mar-2021	The Vanguard Group, Inc.	BUY	86.51	Ordinary	3,932	3,932
15-Mar-2021	The Vanguard Group, Inc.	BUY	86.87	Ordinary	864	864
15-Mar-2021	The Vanguard Group, Inc.	BUY	86.40	Ordinary	1,396	1,396
16-Mar-2021	The Vanguard Group, Inc.	BUY	86.75	Ordinary	20,179	20,179
16-Mar-2021	The Vanguard Group, Inc.	BUY	86.87	Ordinary	2,068	2,068
16-Mar-2021	The Vanguard Group, Inc.	BUY	87.18	Ordinary	590	590
16-Mar-2021	The Vanguard Group, Inc.	BUY	87.18	Ordinary	2,748	2,748

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
17-Mar-2021	The Vanguard Group, Inc.	BUY	87.09	Ordinary	2,919	2,919
17-Mar-2021	The Vanguard Group, Inc.	SELL	87.11	Ordinary	(3,381)	(3,381)
17-Mar-2021	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)
18-Mar-2021	The Vanguard Group, Inc.	BUY	85.75	Ordinary	1,026	1,026
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(25,576)	(25,576)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(2,426)	(2,426)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(150,121)	(150,121)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(68,636)	(68,636)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(22,534)	(22,534)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(4,222)	(4,222)
19-Mar-2021	The Vanguard Group, Inc.	BUY	84.71	Ordinary	1,730	1,730
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(6,023)	(6,023)
19-Mar-2021	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)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(14)	(14)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(1,329)	(1,329)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(7,299)	(7,299)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(1,239)	(1,239)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(488)	(488)
19-Mar-2021	The Vanguard Group, Inc.	SELL	84.78	Ordinary	(50,125)	(50,125)
22-Mar-2021	The Vanguard Group, Inc.	BUY	84.81	Ordinary	2,358	2,358
22-Mar-2021	The Vanguard Group, Inc.	BUY	84.81	Ordinary	1,728	1,728
22-Mar-2021	The Vanguard Group, Inc.	BUY	85.08	Ordinary	569	569
22-Mar-2021	The Vanguard Group, Inc.	BUY	85.08	Ordinary	756	756
23-Mar-2021	The Vanguard Group, Inc.	BUY	84.42	Ordinary	14,739	14,739
23-Mar-2021	The Vanguard Group, Inc.	BUY	84.77	Ordinary	864	864
23-Mar-2021	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
25-Mar-2021	The Vanguard Group, Inc.	BUY	86.54	Ordinary	2,149	2,149
26-Mar-2021	The Vanguard Group, Inc.	BUY	86.00	Ordinary	575	575
26-Mar-2021	The Vanguard Group, Inc.	BUY	86.00	Ordinary	644	644
26-Mar-2021	The Vanguard Group, Inc.	BUY	86.82	Ordinary	142	142
29-Mar-2021	The Vanguard Group, Inc.	BUY	86.02	Ordinary	3,384	3,384
29-Mar-2021	The Vanguard Group, Inc.	BUY	85.57	Ordinary	15,449	15,449
29-Mar-2021	The Vanguard Group, Inc.	BUY	85.57	Ordinary	3,799	3,799
29-Mar-2021	The Vanguard Group, Inc.	BUY	85.57	Ordinary	81	81
29-Mar-2021	The Vanguard Group, Inc.	BUY	86.17	Ordinary	134	134
30-Mar-2021	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
30-Mar-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	879	879
30-Mar-2021	The Vanguard Group, Inc.	BUY	85.40	Ordinary	79	79
30-Mar-2021	The Vanguard Group, Inc.	BUY	85.72	Ordinary	576	576
31-Mar-2021	The Vanguard Group, Inc.	BUY	86.39	Ordinary	1,296	1,296
31-Mar-2021	The Vanguard Group, Inc.	BUY	86.10	Ordinary	663	663
31-Mar-2021	The Vanguard Group, Inc.	SELL	86.10	Ordinary	(55,011)	(55,011)
31-Mar-2021	The Vanguard Group, Inc.	BUY	86.10	Ordinary	17,437	17,437
31-Mar-2021	The Vanguard Group, Inc.	BUY	86.39	Ordinary	18,790	18,790
1-Apr-2021	The Vanguard Group, Inc.	BUY	85.90	Ordinary	25,131	25,131
1-Apr-2021	The Vanguard Group, Inc.	BUY	86.21	Ordinary	708	708
1-Apr-2021	The Vanguard Group, Inc.	SELL	85.96	Ordinary	(782)	(782)
1-Apr-2021	The Vanguard Group, Inc.	BUY	85.90	Ordinary	128	128
1-Apr-2021	The Vanguard Group, Inc.	BUY	85.90	Ordinary	1,078	1,078
1-Apr-2021	The Vanguard Group, Inc.	BUY	85.90	Ordinary	50,977	50,977
5-Apr-2021	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
6-Apr-2021	The Vanguard Group, Inc.	BUY	86.03	Ordinary	745	745
6-Apr-2021	The Vanguard Group, Inc.	BUY	86.95	Ordinary	6,532	6,532
6-Apr-2021	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

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-Apr-2021	The Vanguard Group, Inc.	BUY	86.92	Ordinary	864	864
7-Apr-2021	The Vanguard Group, Inc.	BUY	86.14	Ordinary	14,013	14,013
7-Apr-2021	The Vanguard Group, Inc.	BUY	86.53	Ordinary	540	540
7-Apr-2021	The Vanguard Group, Inc.	BUY	86.53	Ordinary	575	575
7-Apr-2021	The Vanguard Group, Inc.	BUY	86.53	Ordinary	870	870
7-Apr-2021	The Vanguard Group, Inc.	BUY	86.53	Ordinary	74	74
7-Apr-2021	The Vanguard Group, Inc.	BUY	86.14	Ordinary	165	165
8-Apr-2021	The Vanguard Group, Inc.	BUY	87.03	Ordinary	1,296	1,296
8-Apr-2021	The Vanguard Group, Inc.	BUY	87.12	Ordinary	80	80
8-Apr-2021	The Vanguard Group, Inc.	BUY	87.12	Ordinary	760	760
8-Apr-2021	The Vanguard Group, Inc.	SELL	87.12	Ordinary	(72)	(72)
8-Apr-2021	The Vanguard Group, Inc.	BUY	86.90	Ordinary	556	556
8-Apr-2021	The Vanguard Group, Inc.	BUY	86.90	Ordinary	7,946	7,946
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.14	Ordinary	4,332	4,332
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.13	Ordinary	34,180	34,180
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.13	Ordinary	5,703	5,703
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.13	Ordinary	9,978	9,978
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.13	Ordinary	809	809
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.13	Ordinary	78	78
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.13	Ordinary	339	339
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.20	Ordinary	185	185
9-Apr-2021	The Vanguard Group, Inc.	BUY	87.14	Ordinary	15,032	15,032
12-Apr-2021	The Vanguard Group, Inc.	BUY	86.72	Ordinary	2,378	2,378
12-Apr-2021	The Vanguard Group, Inc.	BUY	86.72	Ordinary	547	547
12-Apr-2021	The Vanguard Group, Inc.	SELL	86.72	Ordinary	(30)	(30)
13-Apr-2021	The Vanguard Group, Inc.	BUY	86.65	Ordinary	7,287	7,287
13-Apr-2021	The Vanguard Group, Inc.	BUY	87.49	Ordinary	11,274	11,274
13-Apr-2021	The Vanguard Group, Inc.	BUY	87.49	Ordinary	1,728	1,728
13-Apr-2021	The Vanguard Group, Inc.	BUY	87.19	Ordinary	575	575
13-Apr-2021	The Vanguard Group, Inc.	BUY	87.19	Ordinary	7,574	7,574
13-Apr-2021	The Vanguard Group, Inc.	BUY	87.19	Ordinary	871	871
13-Apr-2021	The Vanguard Group, Inc.	BUY	87.19	Ordinary	1,686	1,686
13-Apr-2021	The Vanguard Group, Inc.	BUY	87.19	Ordinary	610	610
13-Apr-2021	The Vanguard Group, Inc.	SELL	87.19	Ordinary	(308)	(308)
14-Apr-2021	The Vanguard Group, Inc.	BUY	87.37	Ordinary	8,253	8,253
14-Apr-2021	The Vanguard Group, Inc.	BUY	87.28	Ordinary	10,374	10,374
14-Apr-2021	The Vanguard Group, Inc.	BUY	87.37	Ordinary	11,274	11,274
14-Apr-2021	The Vanguard Group, Inc.	BUY	87.28	Ordinary	9,658	9,658
14-Apr-2021	The Vanguard Group, Inc.	BUY	87.37	Ordinary	1,972	1,972
14-Apr-2021	The Vanguard Group, Inc.	BUY	87.28	Ordinary	1,056	1,056
15-Apr-2021	The Vanguard Group, Inc.	BUY	88.10	Ordinary	846	846
15-Apr-2021	The Vanguard Group, Inc.	BUY	88.10	Ordinary	6,600	6,600
15-Apr-2021	The Vanguard Group, Inc.	BUY	87.98	Ordinary	53,915	53,915
15-Apr-2021	The Vanguard Group, Inc.	BUY	88.10	Ordinary	2,961	2,961
15-Apr-2021	The Vanguard Group, Inc.	BUY	87.91	Ordinary	12,101	12,101
15-Apr-2021	The Vanguard Group, Inc.	BUY	87.91	Ordinary	127	127
15-Apr-2021	The Vanguard Group, Inc.	BUY	87.98	Ordinary	169	169
15-Apr-2021	The Vanguard Group, Inc.	BUY	87.98	Ordinary	3,662	3,662
15-Apr-2021	The Vanguard Group, Inc.	BUY	87.98	Ordinary	2,834	2,834
16-Apr-2021	The Vanguard Group, Inc.	BUY	87.94	Ordinary	3,704	3,704
16-Apr-2021	The Vanguard Group, Inc.	BUY	87.94	Ordinary	103,905	103,905
16-Apr-2021	The Vanguard Group, Inc.	BUY	87.68	Ordinary	2,086	2,086
16-Apr-2021	The Vanguard Group, Inc.	BUY	87.94	Ordinary	1,831	1,831
16-Apr-2021	The Vanguard Group, Inc.	BUY	87.94	Ordinary	629	629
16-Apr-2021	The Vanguard Group, Inc.	BUY	87.94	Ordinary	50,620	50,620
16-Apr-2021	The Vanguard Group, Inc.	BUY	87.94	Ordinary	268	268
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.58	Ordinary	3,384	3,384
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.61	Ordinary	6,474	6,474
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.58	Ordinary	18,790	18,790
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.61	Ordinary	28,624	28,624
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.58	Ordinary	864	864
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.84	Ordinary	575	575
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.61	Ordinary	504	504
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.61	Ordinary	173	173
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.61	Ordinary	13,945	13,945
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.84	Ordinary	76	76
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.61	Ordinary	74	74
19-Apr-2021	The Vanguard Group, Inc.	BUY	88.84	Ordinary	1,457	1,457

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
20-Apr-2021	The Vanguard Group, Inc.	BUY	88.43	Ordinary	4,936	4,936
20-Apr-2021	The Vanguard Group, Inc.	BUY	86.77	Ordinary	1,978	1,978
20-Apr-2021	The Vanguard Group, Inc.	BUY	87.74	Ordinary	3,484	3,484
20-Apr-2021	The Vanguard Group, Inc.	BUY	87.74	Ordinary	633	633
21-Apr-2021	The Vanguard Group, Inc.	SELL	87.05	Ordinary	(253)	(253)
21-Apr-2021	The Vanguard Group, Inc.	BUY	87.05	Ordinary	15,340	15,340
21-Apr-2021	The Vanguard Group, Inc.	BUY	88.73	Ordinary	1,978	1,978
21-Apr-2021	The Vanguard Group, Inc.	BUY	88.17	Ordinary	539	539
21-Apr-2021	The Vanguard Group, Inc.	BUY	88.17	Ordinary	17,480	17,480
21-Apr-2021	The Vanguard Group, Inc.	BUY	88.17	Ordinary	2,363	2,363
21-Apr-2021	The Vanguard Group, Inc.	BUY	87.05	Ordinary	155	155
22-Apr-2021	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
22-Apr-2021	The Vanguard Group, Inc.	BUY	88.57	Ordinary	456	456
23-Apr-2021	The Vanguard Group, Inc.	BUY	89.39	Ordinary	29,777	29,777
23-Apr-2021	The Vanguard Group, Inc.	BUY	89.58	Ordinary	1,980	1,980
23-Apr-2021	The Vanguard Group, Inc.	BUY	89.39	Ordinary	10,206	10,206
23-Apr-2021	The Vanguard Group, Inc.	BUY	89.39	Ordinary	712	712
26-Apr-2021	The Vanguard Group, Inc.	BUY	89.14	Ordinary	6,600	6,600
26-Apr-2021	The Vanguard Group, Inc.	SELL	89.75	Ordinary	(8,148)	(8,148)
26-Apr-2021	The Vanguard Group, Inc.	BUY	89.77	Ordinary	24,796	24,796
26-Apr-2021	The Vanguard Group, Inc.	BUY	89.05	Ordinary	78	78
26-Apr-2021	The Vanguard Group, Inc.	BUY	89.05	Ordinary	406	406
27-Apr-2021	The Vanguard Group, Inc.	BUY	89.59	Ordinary	4,332	4,332
27-Apr-2021	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
28-Apr-2021	The Vanguard Group, Inc.	BUY	89.51	Ordinary	4,645	4,645
28-Apr-2021	The Vanguard Group, Inc.	BUY	90.45	Ordinary	3,610	3,610
28-Apr-2021	The Vanguard Group, Inc.	BUY	90.21	Ordinary	659	659
28-Apr-2021	The Vanguard Group, Inc.	SELL	90.21	Ordinary	(331)	(331)
29-Apr-2021	The Vanguard Group, Inc.	BUY	89.91	Ordinary	5,415	5,415
29-Apr-2021	The Vanguard Group, Inc.	BUY	90.42	Ordinary	21,879	21,879
29-Apr-2021	The Vanguard Group, Inc.	BUY	90.00	Ordinary	2,229	2,229
29-Apr-2021	The Vanguard Group, Inc.	BUY	90.00	Ordinary	629	629
29-Apr-2021	The Vanguard Group, Inc.	SELL	90.60	Ordinary	(558)	(558)
29-Apr-2021	The Vanguard Group, Inc.	SELL	90.60	Ordinary	(1,682)	(1,682)
30-Apr-2021	The Vanguard Group, Inc.	BUY	89.78	Ordinary	1,427	1,427
30-Apr-2021	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
30-Apr-2021	The Vanguard Group, Inc.	BUY	89.78	Ordinary	85	85
30-Apr-2021	The Vanguard Group, Inc.	BUY	89.78	Ordinary	1,097	1,097
3-May-2021	The Vanguard Group, Inc.	BUY	89.70	Ordinary	4,112	4,112
3-May-2021	The Vanguard Group, Inc.	BUY	89.70	Ordinary	83	83
4-May-2021	The Vanguard Group, Inc.	BUY	89.94	Ordinary	3,089	3,089
4-May-2021	The Vanguard Group, Inc.	BUY	90.29	Ordinary	4,332	4,332
4-May-2021	The Vanguard Group, Inc.	BUY	90.29	Ordinary	6,137	6,137
4-May-2021	The Vanguard Group, Inc.	BUY	89.94	Ordinary	4,362	4,362
5-May-2021	The Vanguard Group, Inc.	BUY	92.51	Ordinary	7,735	7,735
5-May-2021	The Vanguard Group, Inc.	BUY	92.51	Ordinary	36,699	36,699
5-May-2021	The Vanguard Group, Inc.	BUY	92.51	Ordinary	2,131	2,131
6-May-2021	The Vanguard Group, Inc.	BUY	92.63	Ordinary	18,640	18,640
6-May-2021	The Vanguard Group, Inc.	BUY	93.23	Ordinary	1,296	1,296
6-May-2021	The Vanguard Group, Inc.	BUY	93.23	Ordinary	864	864
6-May-2021	The Vanguard Group, Inc.	SELL	93.00	Ordinary	(149)	(149)
6-May-2021	The Vanguard Group, Inc.	BUY	92.63	Ordinary	14,352	14,352
6-May-2021	The Vanguard Group, Inc.	BUY	92.63	Ordinary	1,170	1,170
6-May-2021	The Vanguard Group, Inc.	BUY	93.23	Ordinary	2,979	2,979
6-May-2021	The Vanguard Group, Inc.	BUY	92.63	Ordinary	10,897	10,897
6-May-2021	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 affected	Person's votes affected
6-May-2021	The Vanguard Group, Inc.	BUY	92.94	Ordinary	1,150	1,150
6-May-2021	The Vanguard Group, Inc.	BUY	92.94	Ordinary	318	318
6-May-2021	The Vanguard Group, Inc.	BUY	92.63	Ordinary	453	453
7-May-2021	The Vanguard Group, Inc.	BUY	94.07	Ordinary	3,537	3,537
7-May-2021	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
18-May-2021	The Vanguard Group, Inc.	BUY	97.76	Ordinary	14,036	14,036
18-May-2021	The Vanguard Group, Inc.	BUY	97.76	Ordinary	1,688	1,688
18-May-2021	The Vanguard Group, Inc.	BUY	97.76	Ordinary	71	71
18-May-2021	The Vanguard Group, Inc.	BUY	98.37	Ordinary	756	756
19-May-2021	The Vanguard Group, Inc.	BUY	96.69	Ordinary	5,914	5,914
19-May-2021	The Vanguard Group, Inc.	BUY	95.50	Ordinary	30,528	30,528
19-May-2021	The Vanguard Group, Inc.	BUY	95.50	Ordinary	11,448	11,448
19-May-2021	The Vanguard Group, Inc.	BUY	96.69	Ordinary	998	998
19-May-2021	The Vanguard Group, Inc.	BUY	95.32	Ordinary	810	810
20-May-2021	The Vanguard Group, Inc.	BUY	98.85	Ordinary	5,054	5,054
20-May-2021	The Vanguard Group, Inc.	BUY	98.85	Ordinary	1,994	1,994
20-May-2021	The Vanguard Group, Inc.	BUY	98.40	Ordinary	1,725	1,725
20-May-2021	The Vanguard Group, Inc.	BUY	98.40	Ordinary	874	874
21-May-2021	The Vanguard Group, Inc.	BUY	97.99	Ordinary	1,167	1,167
21-May-2021	The Vanguard Group, Inc.	BUY	98.05	Ordinary	746	746
24-May-2021	The Vanguard Group, Inc.	BUY	98.96	Ordinary	6,342	6,342
24-May-2021	The Vanguard Group, Inc.	SELL	98.00	Ordinary	(261)	(261)
24-May-2021	The Vanguard Group, Inc.	BUY	98.76	Ordinary	547	547
24-May-2021	The Vanguard Group, Inc.	BUY	98.76	Ordinary	1,165	1,165
25-May-2021	The Vanguard Group, Inc.	BUY	99.15	Ordinary	5,273	5,273
25-May-2021	The Vanguard Group, Inc.	BUY	99.15	Ordinary	16,187	16,187
25-May-2021	The Vanguard Group, Inc.	BUY	99.63	Ordinary	465	465
26-May-2021	The Vanguard Group, Inc.	BUY	99.68	Ordinary	4,716	4,716

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-May-2021	The Vanguard Group, Inc.	BUY	99.25	Ordinary	85	85
27-May-2021	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
2-Jun-2021	The Vanguard Group, Inc.	BUY	100.00	Ordinary	6,879	6,879
2-Jun-2021	The Vanguard Group, Inc.	BUY	100.33	Ordinary	34,222	34,222
2-Jun-2021	The Vanguard Group, Inc.	BUY	100.00	Ordinary	1,436	1,436
2-Jun-2021	The Vanguard Group, Inc.	BUY	100.00	Ordinary	517	517
2-Jun-2021	The Vanguard Group, Inc.	BUY	100.33	Ordinary	2,115	2,115
2-Jun-2021	The Vanguard Group, Inc.	BUY	100.33	Ordinary	448	448
2-Jun-2021	The Vanguard Group, Inc.	BUY	100.00	Ordinary	8,640	8,640
3-Jun-2021	The Vanguard Group, Inc.	BUY	101.47	Ordinary	13,356	13,356
3-Jun-2021	The Vanguard Group, Inc.	BUY	101.47	Ordinary	864	864
3-Jun-2021	The Vanguard Group, Inc.	BUY	101.21	Ordinary	608	608
3-Jun-2021	The Vanguard Group, Inc.	BUY	100.50	Ordinary	290	290
8-Jun-2021	The Vanguard Group, Inc.	BUY	101.48	Ordinary	2,140	2,140
8-Jun-2021	The Vanguard Group, Inc.	BUY	101.48	Ordinary	872	872
8-Jun-2021	The Vanguard Group, Inc.	BUY	101.85	Ordinary	966	966
8-Jun-2021	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
10-Jun-2021	The Vanguard Group, Inc.	SELL	100.99	Ordinary	(6,385)	(6,385)
10-Jun-2021	The Vanguard Group, Inc.	BUY	101.85	Ordinary	1,620	1,620
11-Jun-2021	The Vanguard Group, Inc.	BUY	101.00	Ordinary	1,192	1,192
15-Jun-2021	The Vanguard Group, Inc.	BUY	103.56	Ordinary	1,728	1,728
15-Jun-2021	The Vanguard Group, Inc.	BUY	103.45	Ordinary	844	844
15-Jun-2021	The Vanguard Group, Inc.	BUY	103.45	Ordinary	741	741
15-Jun-2021	The Vanguard Group, Inc.	BUY	101.51	Ordinary	150	150
16-Jun-2021	The Vanguard Group, Inc.	BUY	105.35	Ordinary	7,632	7,632
16-Jun-2021	The Vanguard Group, Inc.	BUY	105.35	Ordinary	2,000	2,000
17-Jun-2021	The Vanguard Group, Inc.	BUY	106.03	Ordinary	896	896
17-Jun-2021	The Vanguard Group, Inc.	BUY	106.03	Ordinary	19,080	19,080
18-Jun-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(12,722)	(12,722)
18-Jun-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(16,793)	(16,793)
18-Jun-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(15,000)	(15,000)
18-Jun-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(216,946)	(216,946)
18-Jun-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(24,721)	(24,721)
18-Jun-2021	The Vanguard Group, Inc.	BUY	103.69	Ordinary	293	293
18-Jun-2021	The Vanguard Group, Inc.	BUY	103.69	Ordinary	156	156
18-Jun-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(612)	(612)
18-Jun-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(424)	(424)
21-Jun-2021	The Vanguard Group, Inc.	BUY	101.72	Ordinary	1,254	1,254
22-Jun-2021	The Vanguard Group, Inc.	BUY	100.26	Ordinary	1,311	1,311
22-Jun-2021	The Vanguard Group, Inc.	BUY	100.26	Ordinary	3,496	3,496
22-Jun-2021	The Vanguard Group, Inc.	BUY	100.26	Ordinary	11,400	11,400
22-Jun-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	2,678	2,678
22-Jun-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	864	864
22-Jun-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	809	809
23-Jun-2021	The Vanguard Group, Inc.	BUY	98.94	Ordinary	1,311	1,311
23-Jun-2021	The Vanguard Group, Inc.	BUY	98.94	Ordinary	864	864
23-Jun-2021	The Vanguard Group, Inc.	BUY	99.20	Ordinary	672	672
23-Jun-2021	The Vanguard Group, Inc.	BUY	99.87	Ordinary	2,007	2,007
24-Jun-2021	The Vanguard Group, Inc.	BUY	99.39	Ordinary	15,200	15,200
24-Jun-2021	The Vanguard Group, Inc.	BUY	98.65	Ordinary	779	779
25-Jun-2021	The Vanguard Group, Inc.	BUY	99.63	Ordinary	8,693	8,693
25-Jun-2021	The Vanguard Group, Inc.	BUY	99.63	Ordinary	33,854	33,854
25-Jun-2021	The Vanguard Group, Inc.	SELL	99.61	Ordinary	(42,462)	(42,462)
25-Jun-2021	The Vanguard Group, Inc.	BUY	99.26	Ordinary	132	132
28-Jun-2021	The Vanguard Group, Inc.	BUY	99.30	Ordinary	9,683	9,683
29-Jun-2021	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
29-Jun-2021	The Vanguard Group, Inc.	BUY	100.82	Ordinary	1,296	1,296
29-Jun-2021	The Vanguard Group, Inc.	SELL	99.11	Ordinary	(1,594)	(1,594)
29-Jun-2021	The Vanguard Group, Inc.	BUY	99.95	Ordinary	1,223	1,223
29-Jun-2021	The Vanguard Group, Inc.	BUY	100.48	Ordinary	620	620
29-Jun-2021	The Vanguard Group, Inc.	BUY	100.48	Ordinary	1,950	1,950
30-Jun-2021	The Vanguard Group, Inc.	BUY	99.85	Ordinary	9,500	9,500
30-Jun-2021	The Vanguard Group, Inc.	BUY	99.85	Ordinary	4,693	4,693
30-Jun-2021	The Vanguard Group, Inc.	BUY	100.85	Ordinary	12,548	12,548
1-Jul-2021	The Vanguard Group, Inc.	BUY	99.15	Ordinary	17,100	17,100
1-Jul-2021	The Vanguard Group, Inc.	BUY	99.14	Ordinary	24,165	24,165
1-Jul-2021	The Vanguard Group, Inc.	BUY	99.15	Ordinary	864	864
1-Jul-2021	The Vanguard Group, Inc.	BUY	99.14	Ordinary	22,528	22,528
1-Jul-2021	The Vanguard Group, Inc.	SELL	99.85	Ordinary	(1,513)	(1,513)
1-Jul-2021	The Vanguard Group, Inc.	BUY	99.14	Ordinary	1,469	1,469
1-Jul-2021	The Vanguard Group, Inc.	SELL	99.85	Ordinary	(1,975)	(1,975)
1-Jul-2021	The Vanguard Group, Inc.	BUY	99.14	Ordinary	890	890
2-Jul-2021	The Vanguard Group, Inc.	BUY	99.54	Ordinary	3,610	3,610
2-Jul-2021	The Vanguard Group, Inc.	BUY	99.54	Ordinary	1,296	1,296
2-Jul-2021	The Vanguard Group, Inc.	BUY	99.26	Ordinary	12,460	12,460
2-Jul-2021	The Vanguard Group, Inc.	BUY	99.49	Ordinary	1,184	1,184
2-Jul-2021	The Vanguard Group, Inc.	BUY	99.49	Ordinary	1,838	1,838
2-Jul-2021	The Vanguard Group, Inc.	BUY	99.49	Ordinary	868	868
2-Jul-2021	The Vanguard Group, Inc.	BUY	99.49	Ordinary	24,972	24,972
2-Jul-2021	The Vanguard Group, Inc.	BUY	99.49	Ordinary	1,749	1,749
2-Jul-2021	The Vanguard Group, Inc.	BUY	99.49	Ordinary	70	70
5-Jul-2021	The Vanguard Group, Inc.	BUY	99.18	Ordinary	3,338	3,338
5-Jul-2021	The Vanguard Group, Inc.	BUY	99.18	Ordinary	50,928	50,928
6-Jul-2021	The Vanguard Group, Inc.	BUY	98.67	Ordinary	11,400	11,400
6-Jul-2021	The Vanguard Group, Inc.	BUY	98.62	Ordinary	8,690	8,690
6-Jul-2021	The Vanguard Group, Inc.	SELL	98.71	Ordinary	(104,925)	(104,925)
6-Jul-2021	The Vanguard Group, Inc.	BUY	98.62	Ordinary	89	89
7-Jul-2021	The Vanguard Group, Inc.	BUY	98.89	Ordinary	7,662	7,662
7-Jul-2021	The Vanguard Group, Inc.	BUY	98.89	Ordinary	29,290	29,290
7-Jul-2021	The Vanguard Group, Inc.	BUY	98.89	Ordinary	17,947	17,947
7-Jul-2021	The Vanguard Group, Inc.	BUY	99.71	Ordinary	1,186	1,186
7-Jul-2021	The Vanguard Group, Inc.	BUY	99.71	Ordinary	689	689
7-Jul-2021	The Vanguard Group, Inc.	BUY	99.71	Ordinary	405	405
8-Jul-2021	The Vanguard Group, Inc.	BUY	99.14	Ordinary	3,610	3,610
8-Jul-2021	The Vanguard Group, Inc.	BUY	99.76	Ordinary	42,347	42,347
8-Jul-2021	The Vanguard Group, Inc.	BUY	99.76	Ordinary	16,930	16,930
8-Jul-2021	The Vanguard Group, Inc.	BUY	99.49	Ordinary	527	527
8-Jul-2021	The Vanguard Group, Inc.	BUY	99.76	Ordinary	461	461
9-Jul-2021	The Vanguard Group, Inc.	BUY	99.64	Ordinary	10,602	10,602
9-Jul-2021	The Vanguard Group, Inc.	BUY	99.64	Ordinary	19,665	19,665
9-Jul-2021	The Vanguard Group, Inc.	BUY	98.18	Ordinary	12,189	12,189
9-Jul-2021	The Vanguard Group, Inc.	BUY	99.64	Ordinary	15,200	15,200
9-Jul-2021	The Vanguard Group, Inc.	BUY	99.64	Ordinary	9,025	9,025
9-Jul-2021	The Vanguard Group, Inc.	BUY	99.64	Ordinary	12,635	12,635
9-Jul-2021	The Vanguard Group, Inc.	BUY	99.64	Ordinary	5,776	5,776
9-Jul-2021	The Vanguard Group, Inc.	BUY	98.18	Ordinary	40,685	40,685
9-Jul-2021	The Vanguard Group, Inc.	BUY	98.59	Ordinary	14,293	14,293
9-Jul-2021	The Vanguard Group, Inc.	BUY	98.18	Ordinary	17,702	17,702
9-Jul-2021	The Vanguard Group, Inc.	BUY	98.18	Ordinary	1,260	1,260
12-Jul-2021	The Vanguard Group, Inc.	BUY	99.61	Ordinary	3,059	3,059
12-Jul-2021	The Vanguard Group, Inc.	BUY	99.15	Ordinary	38,783	38,783
12-Jul-2021	The Vanguard Group, Inc.	BUY	99.17	Ordinary	869	869
12-Jul-2021	The Vanguard Group, Inc.	BUY	99.17	Ordinary	810	810
13-Jul-2021	The Vanguard Group, Inc.	BUY	98.51	Ordinary	24,752	24,752
13-Jul-2021	The Vanguard Group, Inc.	BUY	99.62	Ordinary	16,384	16,384
13-Jul-2021	The Vanguard Group, Inc.	BUY	99.63	Ordinary	7,189	7,189
13-Jul-2021	The Vanguard Group, Inc.	BUY	98.39	Ordinary	66	66
14-Jul-2021	The Vanguard Group, Inc.	BUY	98.36	Ordinary	3,794	3,794
14-Jul-2021	The Vanguard Group, Inc.	BUY	98.78	Ordinary	30,972	30,972
14-Jul-2021	The Vanguard Group, Inc.	BUY	98.52	Ordinary	2,964	2,964
14-Jul-2021	The Vanguard Group, Inc.	BUY	98.52	Ordinary	2,964	2,964
14-Jul-2021	The Vanguard Group, Inc.	BUY	98.52	Ordinary	8,892	8,892
14-Jul-2021	The Vanguard Group, Inc.	BUY	98.78	Ordinary	1,198	1,198
14-Jul-2021	The Vanguard Group, Inc.	BUY	98.78	Ordinary	599	599

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-Jul-2021	The Vanguard Group, Inc.	BUY	98.78	Ordinary	79	79
14-Jul-2021	The Vanguard Group, Inc.	BUY	98.36	Ordinary	372	372
15-Jul-2021	The Vanguard Group, Inc.	BUY	98.99	Ordinary	9,657	9,657
15-Jul-2021	The Vanguard Group, Inc.	BUY	98.58	Ordinary	868	868
15-Jul-2021	The Vanguard Group, Inc.	BUY	98.58	Ordinary	1,302	1,302
15-Jul-2021	The Vanguard Group, Inc.	BUY	98.99	Ordinary	2,601	2,601
15-Jul-2021	The Vanguard Group, Inc.	BUY	98.31	Ordinary	4,119	4,119
15-Jul-2021	The Vanguard Group, Inc.	BUY	98.31	Ordinary	22,209	22,209
15-Jul-2021	The Vanguard Group, Inc.	BUY	98.31	Ordinary	284	284
15-Jul-2021	The Vanguard Group, Inc.	SELL	98.31	Ordinary	(8,577)	(8,577)
16-Jul-2021	The Vanguard Group, Inc.	BUY	97.96	Ordinary	14,147	14,147
16-Jul-2021	The Vanguard Group, Inc.	BUY	97.96	Ordinary	10,062	10,062
16-Jul-2021	The Vanguard Group, Inc.	BUY	97.96	Ordinary	5,878	5,878
19-Jul-2021	The Vanguard Group, Inc.	BUY	97.25	Ordinary	12,005	12,005
19-Jul-2021	The Vanguard Group, Inc.	BUY	97.68	Ordinary	587	587
19-Jul-2021	The Vanguard Group, Inc.	BUY	97.68	Ordinary	845	845
20-Jul-2021	The Vanguard Group, Inc.	BUY	97.61	Ordinary	585	585
21-Jul-2021	The Vanguard Group, Inc.	BUY	99.28	Ordinary	4,712	4,712
21-Jul-2021	The Vanguard Group, Inc.	BUY	99.28	Ordinary	22,860	22,860
21-Jul-2021	The Vanguard Group, Inc.	BUY	99.28	Ordinary	5,415	5,415
21-Jul-2021	The Vanguard Group, Inc.	BUY	98.43	Ordinary	25,792	25,792
21-Jul-2021	The Vanguard Group, Inc.	BUY	98.42	Ordinary	589	589
21-Jul-2021	The Vanguard Group, Inc.	BUY	98.42	Ordinary	1,058	1,058
21-Jul-2021	The Vanguard Group, Inc.	BUY	98.42	Ordinary	1,690	1,690
22-Jul-2021	The Vanguard Group, Inc.	BUY	99.36	Ordinary	2,622	2,622
22-Jul-2021	The Vanguard Group, Inc.	SELL	99.36	Ordinary	(8,220)	(8,220)
22-Jul-2021	The Vanguard Group, Inc.	BUY	99.36	Ordinary	1,326	1,326
22-Jul-2021	The Vanguard Group, Inc.	BUY	99.88	Ordinary	1,450	1,450
22-Jul-2021	The Vanguard Group, Inc.	SELL	99.88	Ordinary	(7,608)	(7,608)
23-Jul-2021	The Vanguard Group, Inc.	BUY	99.00	Ordinary	6,974	6,974
23-Jul-2021	The Vanguard Group, Inc.	BUY	99.12	Ordinary	1,954	1,954
26-Jul-2021	The Vanguard Group, Inc.	BUY	99.51	Ordinary	32,385	32,385
26-Jul-2021	The Vanguard Group, Inc.	BUY	99.51	Ordinary	894	894
26-Jul-2021	The Vanguard Group, Inc.	BUY	99.17	Ordinary	19,150	19,150
26-Jul-2021	The Vanguard Group, Inc.	BUY	99.14	Ordinary	1,075	1,075
27-Jul-2021	The Vanguard Group, Inc.	BUY	100.74	Ordinary	1,748	1,748
27-Jul-2021	The Vanguard Group, Inc.	BUY	99.61	Ordinary	18,092	18,092
27-Jul-2021	The Vanguard Group, Inc.	BUY	100.71	Ordinary	2,466	2,466
27-Jul-2021	The Vanguard Group, Inc.	BUY	99.61	Ordinary	302	302
27-Jul-2021	The Vanguard Group, Inc.	BUY	99.61	Ordinary	981	981
28-Jul-2021	The Vanguard Group, Inc.	BUY	99.46	Ordinary	11,362	11,362
28-Jul-2021	The Vanguard Group, Inc.	BUY	99.46	Ordinary	3,610	3,610
28-Jul-2021	The Vanguard Group, Inc.	BUY	99.46	Ordinary	3,610	3,610
28-Jul-2021	The Vanguard Group, Inc.	BUY	99.30	Ordinary	10,023	10,023
29-Jul-2021	The Vanguard Group, Inc.	BUY	99.62	Ordinary	13,152	13,152
29-Jul-2021	The Vanguard Group, Inc.	BUY	99.30	Ordinary	40,012	40,012
29-Jul-2021	The Vanguard Group, Inc.	SELL	99.31	Ordinary	(628)	(628)
29-Jul-2021	The Vanguard Group, Inc.	BUY	99.30	Ordinary	21,593	21,593
29-Jul-2021	The Vanguard Group, Inc.	SELL	99.45	Ordinary	(7,010)	(7,010)
30-Jul-2021	The Vanguard Group, Inc.	BUY	99.90	Ordinary	5,415	5,415
30-Jul-2021	The Vanguard Group, Inc.	BUY	99.90	Ordinary	1,347	1,347
30-Jul-2021	The Vanguard Group, Inc.	BUY	99.65	Ordinary	16,471	16,471
30-Jul-2021	The Vanguard Group, Inc.	BUY	99.65	Ordinary	3,341	3,341
30-Jul-2021	The Vanguard Group, Inc.	BUY	99.65	Ordinary	16,398	16,398
30-Jul-2021	The Vanguard Group, Inc.	BUY	99.65	Ordinary	124	124
2-Aug-2021	The Vanguard Group, Inc.	BUY	101.02	Ordinary	8,220	8,220
2-Aug-2021	The Vanguard Group, Inc.	BUY	101.66	Ordinary	16,426	16,426
2-Aug-2021	The Vanguard Group, Inc.	BUY	101.66	Ordinary	968	968
2-Aug-2021	The Vanguard Group, Inc.	SELL	99.91	Ordinary	(5,436)	(5,436)
3-Aug-2021	The Vanguard Group, Inc.	BUY	101.19	Ordinary	3,392	3,392
3-Aug-2021	The Vanguard Group, Inc.	BUY	101.19	Ordinary	9,765	9,765
3-Aug-2021	The Vanguard Group, Inc.	BUY	101.85	Ordinary	900	900
3-Aug-2021	The Vanguard Group, Inc.	BUY	101.45	Ordinary	599	599
3-Aug-2021	The Vanguard Group, Inc.	BUY	101.45	Ordinary	15,223	15,223
4-Aug-2021	The Vanguard Group, Inc.	BUY	101.84	Ordinary	10,959	10,959
4-Aug-2021	The Vanguard Group, Inc.	BUY	102.23	Ordinary	567	567
4-Aug-2021	The Vanguard Group, Inc.	BUY	102.23	Ordinary	1,230	1,230
4-Aug-2021	The Vanguard Group, Inc.	SELL	102.23	Ordinary	(180)	(180)

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-Aug-2021	The Vanguard Group, Inc.	BUY	102.58	Ordinary	8,684	8,684
5-Aug-2021	The Vanguard Group, Inc.	BUY	102.58	Ordinary	16,833	16,833
5-Aug-2021	The Vanguard Group, Inc.	BUY	102.58	Ordinary	7,281	7,281
5-Aug-2021	The Vanguard Group, Inc.	SELL	103.41	Ordinary	(3,408)	(3,408)
5-Aug-2021	The Vanguard Group, Inc.	BUY	103.41	Ordinary	2,588	2,588
5-Aug-2021	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
10-Aug-2021	The Vanguard Group, Inc.	BUY	107.06	Ordinary	3,150	3,150
10-Aug-2021	The Vanguard Group, Inc.	BUY	106.56	Ordinary	16,772	16,772
11-Aug-2021	The Vanguard Group, Inc.	BUY	108.40	Ordinary	3,534	3,534
11-Aug-2021	The Vanguard Group, Inc.	BUY	108.17	Ordinary	8,198	8,198
11-Aug-2021	The Vanguard Group, Inc.	BUY	108.17	Ordinary	10,484	10,484
11-Aug-2021	The Vanguard Group, Inc.	BUY	108.40	Ordinary	900	900
11-Aug-2021	The Vanguard Group, Inc.	BUY	108.40	Ordinary	1,976	1,976
11-Aug-2021	The Vanguard Group, Inc.	BUY	108.17	Ordinary	2,388	2,388
11-Aug-2021	The Vanguard Group, Inc.	BUY	108.17	Ordinary	1,576	1,576
12-Aug-2021	The Vanguard Group, Inc.	BUY	105.88	Ordinary	652	652
12-Aug-2021	The Vanguard Group, Inc.	BUY	108.86	Ordinary	1,439	1,439
13-Aug-2021	The Vanguard Group, Inc.	BUY	103.78	Ordinary	9,025	9,025
13-Aug-2021	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
17-Aug-2021	The Vanguard Group, Inc.	BUY	100.68	Ordinary	5,852	5,852
17-Aug-2021	The Vanguard Group, Inc.	BUY	98.58	Ordinary	9,900	9,900
17-Aug-2021	The Vanguard Group, Inc.	BUY	99.00	Ordinary	15,596	15,596
18-Aug-2021	The Vanguard Group, Inc.	BUY	99.16	Ordinary	11,913	11,913
18-Aug-2021	The Vanguard Group, Inc.	BUY	99.16	Ordinary	1,828	1,828
18-Aug-2021	The Vanguard Group, Inc.	BUY	99.65	Ordinary	15,506	15,506
18-Aug-2021	The Vanguard Group, Inc.	SELL	99.77	Ordinary	(872)	(872)
18-Aug-2021	The Vanguard Group, Inc.	BUY	99.77	Ordinary	10,563	10,563
18-Aug-2021	The Vanguard Group, Inc.	BUY	99.77	Ordinary	541	541
19-Aug-2021	The Vanguard Group, Inc.	BUY	99.46	Ordinary	16,440	16,440
19-Aug-2021	The Vanguard Group, Inc.	BUY	99.12	Ordinary	23,177	23,177
19-Aug-2021	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
20-Aug-2021	The Vanguard Group, Inc.	BUY	99.70	Ordinary	9,525	9,525
20-Aug-2021	The Vanguard Group, Inc.	BUY	100.11	Ordinary	19,211	19,211
20-Aug-2021	The Vanguard Group, Inc.	BUY	99.27	Ordinary	17,733	17,733
20-Aug-2021	The Vanguard Group, Inc.	BUY	99.27	Ordinary	872	872
20-Aug-2021	The Vanguard Group, Inc.	BUY	99.27	Ordinary	814	814
20-Aug-2021	The Vanguard Group, Inc.	BUY	99.27	Ordinary	1,752	1,752
23-Aug-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	3,534	3,534
23-Aug-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	7,620	7,620
23-Aug-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	11,430	11,430
23-Aug-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	6,576	6,576
23-Aug-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	9,864	9,864
23-Aug-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	5,415	5,415
23-Aug-2021	The Vanguard Group, Inc.	BUY	100.23	Ordinary	5,415	5,415
23-Aug-2021	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
23-Aug-2021	The Vanguard Group, Inc.	BUY	100.17	Ordinary	17,447	17,447
24-Aug-2021	The Vanguard Group, Inc.	BUY	100.28	Ordinary	33,239	33,239
24-Aug-2021	The Vanguard Group, Inc.	BUY	99.91	Ordinary	1,943	1,943
24-Aug-2021	The Vanguard Group, Inc.	BUY	100.28	Ordinary	556	556
25-Aug-2021	The Vanguard Group, Inc.	BUY	100.19	Ordinary	4,332	4,332
25-Aug-2021	The Vanguard Group, Inc.	BUY	100.42	Ordinary	29,227	29,227
25-Aug-2021	The Vanguard Group, Inc.	SELL	99.98	Ordinary	(435)	(435)
25-Aug-2021	The Vanguard Group, Inc.	BUY	100.42	Ordinary	10,912	10,912
25-Aug-2021	The Vanguard Group, Inc.	BUY	100.42	Ordinary	440	440
26-Aug-2021	The Vanguard Group, Inc.	BUY	100.63	Ordinary	28,444	28,444
26-Aug-2021	The Vanguard Group, Inc.	BUY	100.63	Ordinary	11,765	11,765

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
27-Aug-2021	The Vanguard Group, Inc.	BUY	101.75	Ordinary	7,620	7,620
27-Aug-2021	The Vanguard Group, Inc.	BUY	101.21	Ordinary	26,430	26,430
27-Aug-2021	The Vanguard Group, Inc.	BUY	101.75	Ordinary	5,415	5,415
27-Aug-2021	The Vanguard Group, Inc.	BUY	101.21	Ordinary	17,374	17,374
27-Aug-2021	The Vanguard Group, Inc.	BUY	101.54	Ordinary	797	797
30-Aug-2021	The Vanguard Group, Inc.	BUY	100.63	Ordinary	34,046	34,046
30-Aug-2021	The Vanguard Group, Inc.	BUY	100.63	Ordinary	13,223	13,223
31-Aug-2021	The Vanguard Group, Inc.	SELL	100.19	Ordinary	(367)	(367)
31-Aug-2021	The Vanguard Group, Inc.	BUY	100.12	Ordinary	3,763	3,763
31-Aug-2021	The Vanguard Group, Inc.	SELL	100.19	Ordinary	(41,210)	(41,210)
31-Aug-2021	The Vanguard Group, Inc.	BUY	100.12	Ordinary	124	124
1-Sep-2021	The Vanguard Group, Inc.	BUY	100.18	Ordinary	38,069	38,069
1-Sep-2021	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
2-Sep-2021	The Vanguard Group, Inc.	BUY	101.37	Ordinary	2,279	2,279
2-Sep-2021	The Vanguard Group, Inc.	BUY	101.37	Ordinary	9,207	9,207
2-Sep-2021	The Vanguard Group, Inc.	BUY	101.35	Ordinary	1,265	1,265
3-Sep-2021	The Vanguard Group, Inc.	BUY	101.52	Ordinary	1,868	1,868
3-Sep-2021	The Vanguard Group, Inc.	BUY	101.52	Ordinary	914	914
3-Sep-2021	The Vanguard Group, Inc.	BUY	101.52	Ordinary	2,976	2,976
3-Sep-2021	The Vanguard Group, Inc.	BUY	101.84	Ordinary	1,267	1,267
3-Sep-2021	The Vanguard Group, Inc.	BUY	101.84	Ordinary	757	757
7-Sep-2021	The Vanguard Group, Inc.	BUY	102.06	Ordinary	9,014	9,014
7-Sep-2021	The Vanguard Group, Inc.	BUY	102.14	Ordinary	874	874
7-Sep-2021	The Vanguard Group, Inc.	BUY	102.14	Ordinary	15,796	15,796
8-Sep-2021	The Vanguard Group, Inc.	BUY	102.92	Ordinary	17,071	17,071
9-Sep-2021	The Vanguard Group, Inc.	BUY	102.05	Ordinary	360	360
10-Sep-2021	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)
14-Sep-2021	The Vanguard Group, Inc.	BUY	100.80	Ordinary	2,976	2,976
14-Sep-2021	The Vanguard Group, Inc.	BUY	101.58	Ordinary	105	105
15-Sep-2021	The Vanguard Group, Inc.	BUY	101.86	Ordinary	1,371	1,371
15-Sep-2021	The Vanguard Group, Inc.	BUY	101.86	Ordinary	1,828	1,828
15-Sep-2021	The Vanguard Group, Inc.	BUY	101.41	Ordinary	2,055	2,055
16-Sep-2021	The Vanguard Group, Inc.	BUY	101.99	Ordinary	5,174	5,174
16-Sep-2021	The Vanguard Group, Inc.	SELL	101.99	Ordinary	(8,331)	(8,331)
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(23,709)	(23,709)
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(58,626)	(58,626)
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(197,873)	(197,873)
17-Sep-2021	The Vanguard Group, Inc.	BUY	102.26	Ordinary	1,371	1,371
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(58,534)	(58,534)
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(5,599)	(5,599)
17-Sep-2021	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
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(498)	(498)
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(1,047)	(1,047)
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(804)	(804)
17-Sep-2021	The Vanguard Group, Inc.	BUY	102.88	Ordinary	437	437
17-Sep-2021	The Vanguard Group, Inc.	BUY	102.88	Ordinary	117	117
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(8,917)	(8,917)
17-Sep-2021	The Vanguard Group, Inc.	SELL	102.82	Ordinary	(499)	(499)
20-Sep-2021	The Vanguard Group, Inc.	BUY	99.72	Ordinary	9,870	9,870
21-Sep-2021	The Vanguard Group, Inc.	BUY	100.21	Ordinary	1,974	1,974
21-Sep-2021	The Vanguard Group, Inc.	BUY	100.34	Ordinary	1,130	1,130
23-Sep-2021	The Vanguard Group, Inc.	BUY	100.97	Ordinary	11,376	11,376
23-Sep-2021	The Vanguard Group, Inc.	BUY	100.97	Ordinary	1,974	1,974
23-Sep-2021	The Vanguard Group, Inc.	BUY	100.80	Ordinary	562	562
23-Sep-2021	The Vanguard Group, Inc.	BUY	100.80	Ordinary	588	588

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-Sep-2021	The Vanguard Group, Inc.	BUY	101.50	Ordinary	1,800	1,800
24-Sep-2021	The Vanguard Group, Inc.	BUY	101.70	Ordinary	45,370	45,370
24-Sep-2021	The Vanguard Group, Inc.	BUY	101.70	Ordinary	1,186	1,186
24-Sep-2021	The Vanguard Group, Inc.	BUY	101.70	Ordinary	33,000	33,000
24-Sep-2021	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
28-Sep-2021	The Vanguard Group, Inc.	BUY	104.04	Ordinary	12,490	12,490
28-Sep-2021	The Vanguard Group, Inc.	BUY	102.81	Ordinary	1,974	1,974
28-Sep-2021	The Vanguard Group, Inc.	BUY	105.00	Ordinary	3,849	3,849
28-Sep-2021	The Vanguard Group, Inc.	SELL	104.00	Ordinary	(188)	(188)
29-Sep-2021	The Vanguard Group, Inc.	BUY	103.09	Ordinary	2,310	2,310
29-Sep-2021	The Vanguard Group, Inc.	BUY	103.41	Ordinary	17,456	17,456
29-Sep-2021	The Vanguard Group, Inc.	BUY	103.41	Ordinary	1,324	1,324
29-Sep-2021	The Vanguard Group, Inc.	BUY	102.62	Ordinary	517	517
29-Sep-2021	The Vanguard Group, Inc.	SELL	102.62	Ordinary	(46)	(46)
30-Sep-2021	The Vanguard Group, Inc.	BUY	104.00	Ordinary	9,238	9,238
30-Sep-2021	The Vanguard Group, Inc.	BUY	102.65	Ordinary	30,432	30,432
30-Sep-2021	The Vanguard Group, Inc.	BUY	104.32	Ordinary	45,566	45,566
30-Sep-2021	The Vanguard Group, Inc.	BUY	104.00	Ordinary	5,346	5,346
30-Sep-2021	The Vanguard Group, Inc.	BUY	104.32	Ordinary	27,741	27,741
30-Sep-2021	The Vanguard Group, Inc.	BUY	104.32	Ordinary	4,634	4,634
1-Oct-2021	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
5-Oct-2021	The Vanguard Group, Inc.	BUY	104.79	Ordinary	16,371	16,371
5-Oct-2021	The Vanguard Group, Inc.	BUY	106.15	Ordinary	1,350	1,350
5-Oct-2021	The Vanguard Group, Inc.	BUY	106.15	Ordinary	1,974	1,974
5-Oct-2021	The Vanguard Group, Inc.	BUY	105.50	Ordinary	564	564
5-Oct-2021	The Vanguard Group, Inc.	SELL	105.50	Ordinary	(59,355)	(59,355)
5-Oct-2021	The Vanguard Group, Inc.	BUY	105.50	Ordinary	1,453	1,453
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(5,969)	(5,969)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(111,614)	(111,614)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(9,118)	(9,118)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(27,442)	(27,442)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(1,467)	(1,467)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(2,242)	(2,242)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(21,388)	(21,388)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(32,673)	(32,673)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(399,949)	(399,949)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(69,166)	(69,166)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(41,010)	(41,010)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(62,650)	(62,650)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(766,887)	(766,887)
6-Oct-2021	The Vanguard Group, Inc.	BUY	103.81	Ordinary	900	900
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(133)	(133)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(202)	(202)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(2,480)	(2,480)
6-Oct-2021	The Vanguard Group, Inc.	SELL	104.60	Ordinary	(418)	(418)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(21,630)	(21,630)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(14,159)	(14,159)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(264,767)	(264,767)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(18,002)	(18,002)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(1,828)	(1,828)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(2,793)	(2,793)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(34,191)	(34,191)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(836)	(836)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(10,232)	(10,232)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(547)	(547)

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-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(20,834)	(20,834)
6-Oct-2021	The Vanguard Group, Inc.	BUY	103.42	Ordinary	779	779
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(4,211)	(4,211)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(344)	(344)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(225)	(225)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(108)	(108)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(70)	(70)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(1,314)	(1,314)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(236)	(236)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(154)	(154)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(2,883)	(2,883)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(120)	(120)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(10)	(10)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(6)	(6)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(1,291)	(1,291)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(105)	(105)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(69)	(69)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(81)	(81)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(1,520)	(1,520)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(124)	(124)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(199)	(199)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(130)	(130)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(2,431)	(2,431)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(85)	(85)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(130)	(130)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(1,589)	(1,589)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(549)	(549)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(310)	(310)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(474)	(474)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(5,809)	(5,809)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(241)	(241)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(22)	(22)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(34)	(34)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(417)	(417)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(694)	(694)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(12,969)	(12,969)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(1,060)	(1,060)
6-Oct-2021	The Vanguard Group, Inc.	SELL	102.76	Ordinary	(66)	(66)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.42	Ordinary	(100)	(100)
6-Oct-2021	The Vanguard Group, Inc.	SELL	103.32	Ordinary	(1,229)	(1,229)
7-Oct-2021	The Vanguard Group, Inc.	BUY	103.71	Ordinary	1,800	1,800
7-Oct-2021	The Vanguard Group, Inc.	BUY	103.41	Ordinary	926	926
7-Oct-2021	The Vanguard Group, Inc.	BUY	103.41	Ordinary	876	876
7-Oct-2021	The Vanguard Group, Inc.	SELL	103.41	Ordinary	(11,988)	(11,988)
7-Oct-2021	The Vanguard Group, Inc.	BUY	103.41	Ordinary	1,918	1,918
7-Oct-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(770)	(770)
7-Oct-2021	The Vanguard Group, Inc.	SELL	103.87	Ordinary	(1,395)	(1,395)
8-Oct-2021	The Vanguard Group, Inc.	BUY	104.48	Ordinary	3,234	3,234
8-Oct-2021	The Vanguard Group, Inc.	BUY	104.48	Ordinary	11,280	11,280
8-Oct-2021	The Vanguard Group, Inc.	BUY	104.48	Ordinary	2,250	2,250
8-Oct-2021	The Vanguard Group, Inc.	BUY	103.51	Ordinary	23,056	23,056
8-Oct-2021	The Vanguard Group, Inc.	BUY	104.45	Ordinary	89	89
8-Oct-2021	The Vanguard Group, Inc.	BUY	104.45	Ordinary	725	725
11-Oct-2021	The Vanguard Group, Inc.	BUY	104.14	Ordinary	4,540	4,540
11-Oct-2021	The Vanguard Group, Inc.	BUY	104.69	Ordinary	555	555
12-Oct-2021	The Vanguard Group, Inc.	BUY	104.19	Ordinary	3,298	3,298
12-Oct-2021	The Vanguard Group, Inc.	BUY	105.03	Ordinary	1,386	1,386
12-Oct-2021	The Vanguard Group, Inc.	BUY	104.19	Ordinary	3,297	3,297
12-Oct-2021	The Vanguard Group, Inc.	BUY	104.19	Ordinary	13,650	13,650
12-Oct-2021	The Vanguard Group, Inc.	BUY	105.03	Ordinary	1,350	1,350
12-Oct-2021	The Vanguard Group, Inc.	BUY	104.19	Ordinary	13,004	13,004
12-Oct-2021	The Vanguard Group, Inc.	BUY	104.19	Ordinary	73	73
13-Oct-2021	The Vanguard Group, Inc.	BUY	103.70	Ordinary	4,528	4,528
13-Oct-2021	The Vanguard Group, Inc.	BUY	103.70	Ordinary	7,504	7,504
13-Oct-2021	The Vanguard Group, Inc.	BUY	103.70	Ordinary	15,008	15,008
13-Oct-2021	The Vanguard Group, Inc.	BUY	103.70	Ordinary	5,400	5,400
13-Oct-2021	The Vanguard Group, Inc.	BUY	103.70	Ordinary	1,800	1,800
13-Oct-2021	The Vanguard Group, Inc.	BUY	103.70	Ordinary	1,914	1,914

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
13-Oct-2021	The Vanguard Group, Inc.	BUY	104.64	Ordinary	414	414
13-Oct-2021	The Vanguard Group, Inc.	BUY	104.64	Ordinary	1,504	1,504
14-Oct-2021	The Vanguard Group, Inc.	BUY	101.91	Ordinary	838	838
14-Oct-2021	The Vanguard Group, Inc.	SELL	103.41	Ordinary	(851)	(851)
15-Oct-2021	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
18-Oct-2021	The Vanguard Group, Inc.	BUY	102.55	Ordinary	502	502
19-Oct-2021	The Vanguard Group, Inc.	BUY	104.36	Ordinary	5,400	5,400
19-Oct-2021	The Vanguard Group, Inc.	BUY	104.36	Ordinary	1,350	1,350
19-Oct-2021	The Vanguard Group, Inc.	BUY	104.36	Ordinary	2,871	2,871
19-Oct-2021	The Vanguard Group, Inc.	BUY	104.36	Ordinary	957	957
19-Oct-2021	The Vanguard Group, Inc.	BUY	103.89	Ordinary	782	782
19-Oct-2021	The Vanguard Group, Inc.	BUY	103.89	Ordinary	118	118
20-Oct-2021	The Vanguard Group, Inc.	BUY	105.36	Ordinary	1,914	1,914
20-Oct-2021	The Vanguard Group, Inc.	BUY	105.03	Ordinary	1,960	1,960
20-Oct-2021	The Vanguard Group, Inc.	BUY	105.03	Ordinary	2,615	2,615
20-Oct-2021	The Vanguard Group, Inc.	BUY	105.03	Ordinary	728	728
21-Oct-2021	The Vanguard Group, Inc.	BUY	105.03	Ordinary	6,174	6,174
21-Oct-2021	The Vanguard Group, Inc.	BUY	104.85	Ordinary	7,656	7,656
22-Oct-2021	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
25-Oct-2021	The Vanguard Group, Inc.	BUY	105.46	Ordinary	581	581
25-Oct-2021	The Vanguard Group, Inc.	BUY	105.46	Ordinary	1,035	1,035
26-Oct-2021	The Vanguard Group, Inc.	BUY	105.10	Ordinary	7,657	7,657
26-Oct-2021	The Vanguard Group, Inc.	BUY	105.37	Ordinary	32,586	32,586
26-Oct-2021	The Vanguard Group, Inc.	BUY	105.18	Ordinary	1,350	1,350
26-Oct-2021	The Vanguard Group, Inc.	BUY	105.37	Ordinary	13,476	13,476
26-Oct-2021	The Vanguard Group, Inc.	BUY	105.10	Ordinary	765	765
27-Oct-2021	The Vanguard Group, Inc.	BUY	105.45	Ordinary	3,960	3,960
27-Oct-2021	The Vanguard Group, Inc.	BUY	105.45	Ordinary	7,200	7,200
27-Oct-2021	The Vanguard Group, Inc.	BUY	105.45	Ordinary	1,350	1,350
27-Oct-2021	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
28-Oct-2021	The Vanguard Group, Inc.	BUY	106.86	Ordinary	781	781
28-Oct-2021	The Vanguard Group, Inc.	BUY	106.86	Ordinary	44	44
29-Oct-2021	The Vanguard Group, Inc.	BUY	106.87	Ordinary	6,443	6,443
29-Oct-2021	The Vanguard Group, Inc.	SELL	105.37	Ordinary	(8,005)	(8,005)
29-Oct-2021	The Vanguard Group, Inc.	BUY	105.37	Ordinary	1,800	1,800
29-Oct-2021	The Vanguard Group, Inc.	BUY	104.68	Ordinary	781	781
29-Oct-2021	The Vanguard Group, Inc.	BUY	104.68	Ordinary	337	337
1-Nov-2021	The Vanguard Group, Inc.	BUY	105.39	Ordinary	16,235	16,235
1-Nov-2021	The Vanguard Group, Inc.	BUY	106.51	Ordinary	11,256	11,256
1-Nov-2021	The Vanguard Group, Inc.	BUY	106.51	Ordinary	7,504	7,504
1-Nov-2021	The Vanguard Group, Inc.	BUY	106.51	Ordinary	5,400	5,400
1-Nov-2021	The Vanguard Group, Inc.	BUY	106.29	Ordinary	525	525
2-Nov-2021	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
2-Nov-2021	The Vanguard Group, Inc.	BUY	105.76	Ordinary	117	117
3-Nov-2021	The Vanguard Group, Inc.	BUY	107.54	Ordinary	2,310	2,310
3-Nov-2021	The Vanguard Group, Inc.	BUY	107.54	Ordinary	9,380	9,380
3-Nov-2021	The Vanguard Group, Inc.	BUY	106.48	Ordinary	9,828	9,828
3-Nov-2021	The Vanguard Group, Inc.	BUY	107.00	Ordinary	4,574	4,574
3-Nov-2021	The Vanguard Group, Inc.	BUY	107.00	Ordinary	1,566	1,566
4-Nov-2021	The Vanguard Group, Inc.	BUY	107.37	Ordinary	6,870	6,870
4-Nov-2021	The Vanguard Group, Inc.	BUY	108.56	Ordinary	3,600	3,600
4-Nov-2021	The Vanguard Group, Inc.	BUY	108.50	Ordinary	2,010	2,010
5-Nov-2021	The Vanguard Group, Inc.	BUY	109.36	Ordinary	28,628	28,628
5-Nov-2021	The Vanguard Group, Inc.	BUY	109.74	Ordinary	5,760	5,760
5-Nov-2021	The Vanguard Group, Inc.	BUY	109.74	Ordinary	900	900
5-Nov-2021	The Vanguard Group, Inc.	BUY	109.36	Ordinary	16,419	16,419
5-Nov-2021	The Vanguard Group, Inc.	BUY	109.71	Ordinary	809	809
5-Nov-2021	The Vanguard Group, Inc.	BUY	109.36	Ordinary	395	395
27-Jul-2018	Vanguard Investments Australia Ltd.	BUY	75.06	Ordinary	31,718	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	14,787
3-Aug-2018	Vanguard Investments Australia Ltd.	SELL	72.83	Ordinary	(7,392)	(7,392)
3-Aug-2018	Vanguard Investments Australia Ltd.	BUY	72.83	Ordinary	20,044	20,044
6-Aug-2018	Vanguard Investments Australia Ltd.	SELL	73.56	Ordinary	(3,570)	(3,570)
7-Aug-2018	Vanguard Investments Australia Ltd.	BUY	72.89	Ordinary	29,613	29,613
9-Aug-2018	Vanguard Investments Australia Ltd.	BUY	75.37	Ordinary	162	162
15-Aug-2018	Vanguard Investments Australia Ltd.	BUY	73.99	Ordinary	571	571
15-Aug-2018	Vanguard Investments Australia Ltd.	BUY	73.99	Ordinary	9,912	9,912
15-Aug-2018	Vanguard Investments Australia Ltd.	BUY	73.99	Ordinary	28,409	28,409
16-Aug-2018	Vanguard Investments Australia Ltd.	SELL	74.12	Ordinary	(3,770)	(3,770)
20-Aug-2018	Vanguard Investments Australia Ltd.	SELL	73.61	Ordinary	(7,885)	(7,885)
21-Aug-2018	Vanguard Investments Australia Ltd.	SELL	72.95	Ordinary	(559)	(559)
21-Aug-2018	Vanguard Investments Australia Ltd.	BUY	72.95	Ordinary	16,500	16,500
27-Aug-2018	Vanguard Investments Australia Ltd.	BUY	71.19	Ordinary	7,309	7,309
27-Aug-2018	Vanguard Investments Australia Ltd.	BUY	71.19	Ordinary	19,809	19,809
28-Aug-2018	Vanguard Investments Australia Ltd.	BUY	71.73	Ordinary	29,753	29,753
29-Aug-2018	Vanguard Investments Australia Ltd.	BUY	73.23	Ordinary	13,219	13,219
31-Aug-2018	Vanguard Investments Australia Ltd.	BUY	71.47	Ordinary	1,525	1,525
31-Aug-2018	Vanguard Investments Australia Ltd.	BUY	71.47	Ordinary	955	955
3-Sep-2018	Vanguard Investments Australia Ltd.	SELL	71.21	Ordinary	(568)	(568)
3-Sep-2018	Vanguard Investments Australia Ltd.	SELL	71.21	Ordinary	(17,508)	(17,508)
4-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.73	Ordinary	18,128	18,128
4-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.73	Ordinary	21,817	21,817
6-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.14	Ordinary	33,665	33,665
7-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.51	Ordinary	4,379	4,379
7-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.51	Ordinary	23,355	23,355
10-Sep-2018	Vanguard Investments Australia Ltd.	SELL	70.75	Ordinary	(765)	(765)
10-Sep-2018	Vanguard Investments Australia Ltd.	SELL	70.75	Ordinary	(9,288)	(9,288)
10-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.75	Ordinary	16,550	16,550
11-Sep-2018	Vanguard Investments Australia Ltd.	SELL	71.87	Ordinary	(17,926)	(17,926)
17-Sep-2018	Vanguard Investments Australia Ltd.	BUY	71.75	Ordinary	18,205	18,205
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	25,435	25,435
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	957	957
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	27,373	27,373
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	1,361	1,361
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	11,416	11,416
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	4,639	4,639
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	7,245	7,245
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	4,749	4,749
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	71.94	Ordinary	57,822	57,822
26-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.18	Ordinary	9,912	9,912
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	29,226	29,226
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	3,847	3,847
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	33,884	33,884
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	1,991	1,991
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	12,884	12,884
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	3,079	3,079
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	3,131	3,131
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	6,057	6,057
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.09	Ordinary	30,736	30,736
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	70.08	Ordinary	127,204	127,204
28-Sep-2018	Vanguard Investments Australia Ltd.	SELL	71.41	Ordinary	(1,944)	(1,944)
28-Sep-2018	Vanguard Investments Australia Ltd.	SELL	71.41	Ordinary	(3,174)	(3,174)
28-Sep-2018	Vanguard Investments Australia Ltd.	SELL	71.41	Ordinary	(36,296)	(36,296)
1-Oct-2018	Vanguard Investments Australia Ltd.	BUY	70.42	Ordinary	7,740	7,740
1-Oct-2018	Vanguard Investments Australia Ltd.	BUY	70.42	Ordinary	14,661	14,661
3-Oct-2018	Vanguard Investments Australia Ltd.	BUY	69.61	Ordinary	16,189	16,189
8-Oct-2018	Vanguard Investments Australia Ltd.	BUY	69.35	Ordinary	14,679	14,679
9-Oct-2018	Vanguard Investments Australia Ltd.	BUY	68.75	Ordinary	4,644	4,644
10-Oct-2018	Vanguard Investments Australia Ltd.	SELL	68.97	Ordinary	(11,865)	(11,865)
10-Oct-2018	Vanguard Investments Australia Ltd.	BUY	68.97	Ordinary	942	942
11-Oct-2018	Vanguard Investments Australia Ltd.	BUY	67.00	Ordinary	19,620	19,620
12-Oct-2018	Vanguard Investments Australia Ltd.	BUY	67.03	Ordinary	4,644	4,644
12-Oct-2018	Vanguard Investments Australia Ltd.	BUY	67.03	Ordinary	27,787	27,787
16-Oct-2018	Vanguard Investments Australia Ltd.	SELL	65.77	Ordinary	(7,539)	(7,539)
17-Oct-2018	Vanguard Investments Australia Ltd.	BUY	66.90	Ordinary	4,644	4,644
17-Oct-2018	Vanguard Investments Australia Ltd.	BUY	66.90	Ordinary	27,659	27,659
17-Oct-2018	Vanguard Investments Australia Ltd.	BUY	66.90	Ordinary	36,226	36,226

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)	(4,439)
23-Oct-2018	Vanguard Investments Australia Ltd.	BUY	66.61	Ordinary	4,644	4,644
23-Oct-2018	Vanguard Investments Australia Ltd.	BUY	66.61	Ordinary	6,192	6,192
24-Oct-2018	Vanguard Investments Australia Ltd.	SELL	66.86	Ordinary	(2,843)	(2,843)
24-Oct-2018	Vanguard Investments Australia Ltd.	BUY	66.86	Ordinary	19,500	19,500
25-Oct-2018	Vanguard Investments Australia Ltd.	BUY	65.27	Ordinary	36,652	36,652
25-Oct-2018	Vanguard Investments Australia Ltd.	SELL	65.27	Ordinary	(12,351)	(12,351)
25-Oct-2018	Vanguard Investments Australia Ltd.	BUY	65.27	Ordinary	6,192	6,192
25-Oct-2018	Vanguard Investments Australia Ltd.	BUY	65.27	Ordinary	22,750	22,750
26-Oct-2018	Vanguard Investments Australia Ltd.	BUY	65.60	Ordinary	53,019	53,019
29-Oct-2018	Vanguard Investments Australia Ltd.	BUY	66.64	Ordinary	6,192	6,192
29-Oct-2018	Vanguard Investments Australia Ltd.	BUY	66.64	Ordinary	33,727	33,727
31-Oct-2018	Vanguard Investments Australia Ltd.	BUY	69.23	Ordinary	26,000	26,000
31-Oct-2018	Vanguard Investments Australia Ltd.	BUY	69.23	Ordinary	4,875	4,875
1-Nov-2018	Vanguard Investments Australia Ltd.	BUY	68.94	Ordinary	10,994	10,994
1-Nov-2018	Vanguard Investments Australia Ltd.	BUY	68.94	Ordinary	3,244	3,244
2-Nov-2018	Vanguard Investments Australia Ltd.	BUY	68.35	Ordinary	21,112	21,112
5-Nov-2018	Vanguard Investments Australia Ltd.	BUY	67.98	Ordinary	28,595	28,595
6-Nov-2018	Vanguard Investments Australia Ltd.	BUY	68.69	Ordinary	46,321	46,321
12-Nov-2018	Vanguard Investments Australia Ltd.	SELL	71.77	Ordinary	(18,479)	(18,479)
12-Nov-2018	Vanguard Investments Australia Ltd.	SELL	71.77	Ordinary	(699)	(699)
12-Nov-2018	Vanguard Investments Australia Ltd.	BUY	71.77	Ordinary	21,216	21,216
14-Nov-2018	Vanguard Investments Australia Ltd.	SELL	69.21	Ordinary	(20,080)	(20,080)
15-Nov-2018	Vanguard Investments Australia Ltd.	SELL	68.86	Ordinary	(12,629)	(12,629)
16-Nov-2018	Vanguard Investments Australia Ltd.	BUY	69.18	Ordinary	898	898
16-Nov-2018	Vanguard Investments Australia Ltd.	BUY	69.18	Ordinary	18,024	18,024
19-Nov-2018	Vanguard Investments Australia Ltd.	SELL	68.50	Ordinary	(65,840)	(65,840)
19-Nov-2018	Vanguard Investments Australia Ltd.	BUY	68.47	Ordinary	48,056	48,056
21-Nov-2018	Vanguard Investments Australia Ltd.	BUY	69.84	Ordinary	21,574	21,574
22-Nov-2018	Vanguard Investments Australia Ltd.	BUY	70.63	Ordinary	4,683	4,683
22-Nov-2018	Vanguard Investments Australia Ltd.	BUY	70.63	Ordinary	4,683	4,683
22-Nov-2018	Vanguard Investments Australia Ltd.	BUY	70.63	Ordinary	22,904	22,904
23-Nov-2018	Vanguard Investments Australia Ltd.	BUY	71.44	Ordinary	31,912	31,912
29-Nov-2018	Vanguard Investments Australia Ltd.	BUY	72.43	Ordinary	17,974	17,974
30-Nov-2018	Vanguard Investments Australia Ltd.	SELL	71.36	Ordinary	(699)	(699)
30-Nov-2018	Vanguard Investments Australia Ltd.	BUY	71.80	Ordinary	14,889	14,889
3-Dec-2018	Vanguard Investments Australia Ltd.	BUY	71.55	Ordinary	21,268	21,268
3-Dec-2018	Vanguard Investments Australia Ltd.	BUY	71.55	Ordinary	34,358	34,358
4-Dec-2018	Vanguard Investments Australia Ltd.	BUY	70.80	Ordinary	90,891	90,891
4-Dec-2018	Vanguard Investments Australia Ltd.	BUY	70.80	Ordinary	284,570	284,570
6-Dec-2018	Vanguard Investments Australia Ltd.	SELL	69.67	Ordinary	(7,495)	(7,495)
6-Dec-2018	Vanguard Investments Australia Ltd.	BUY	69.67	Ordinary	4,683	4,683
7-Dec-2018	Vanguard Investments Australia Ltd.	BUY	70.40	Ordinary	33,488	33,488
10-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.27	Ordinary	6,248	6,248
11-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.43	Ordinary	4,686	4,686
11-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.43	Ordinary	32,760	32,760
11-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.43	Ordinary	19,656	19,656
14-Dec-2018	Vanguard Investments Australia Ltd.	SELL	68.81	Ordinary	(9,828)	(9,828)
18-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.60	Ordinary	6,248	6,248
20-Dec-2018	Vanguard Investments Australia Ltd.	SELL	68.92	Ordinary	(8,074)	(8,074)
20-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.92	Ordinary	1,079	1,079
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	63,280	63,280
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	7,505	7,505
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	47,345	47,345
21-Dec-2018	Vanguard Investments Australia Ltd.	SELL	68.48	Ordinary	(651)	(651)
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	31,583	31,583
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	5,443	5,443
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	13,044	13,044
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	64,257	64,257
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.48	Ordinary	4,686	4,686
21-Dec-2018	Vanguard Investments Australia Ltd.	SELL	68.37	Ordinary	(24,112)	(24,112)
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.55	Ordinary	127,902	127,902
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.03	Ordinary	14,732	14,732
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.03	Ordinary	1,747	1,747
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.03	Ordinary	11,021	11,021
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.03	Ordinary	7,352	7,352
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.03	Ordinary	1,266	1,266
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.03	Ordinary	3,037	3,037

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	Vanguard Investments Australia Ltd.	BUY	68.03	Ordinary	14,959	14,959
24-Dec-2018	Vanguard Investments Australia Ltd.	SELL	67.56	Ordinary	(6,121)	(6,121)
24-Dec-2018	Vanguard Investments Australia Ltd.	BUY	68.03	Ordinary	29,776	29,776
27-Dec-2018	Vanguard Investments Australia Ltd.	BUY	70.33	Ordinary	9,828	9,828
31-Dec-2018	Vanguard Investments Australia Ltd.	SELL	72.32	Ordinary	(1,137)	(1,137)
31-Dec-2018	Vanguard Investments Australia Ltd.	SELL	72.32	Ordinary	(16,074)	(16,074)
2-Jan-2019	Vanguard Investments Australia Ltd.	SELL	70.97	Ordinary	(3,554)	(3,554)
8-Jan-2019	Vanguard Investments Australia Ltd.	SELL	72.47	Ordinary	(3,199)	(3,199)
8-Jan-2019	Vanguard Investments Australia Ltd.	BUY	72.47	Ordinary	16,360	16,360
10-Jan-2019	Vanguard Investments Australia Ltd.	BUY	72.45	Ordinary	594	594
10-Jan-2019	Vanguard Investments Australia Ltd.	BUY	72.45	Ordinary	6,056	6,056
11-Jan-2019	Vanguard Investments Australia Ltd.	BUY	71.66	Ordinary	19,704	19,704
11-Jan-2019	Vanguard Investments Australia Ltd.	BUY	71.73	Ordinary	28,946	28,946
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	73.24	Ordinary	1,622	1,622
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	73.13	Ordinary	2,024	2,024
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	73.24	Ordinary	3,097	3,097
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	73.24	Ordinary	25,935	25,935
21-Jan-2019	Vanguard Investments Australia Ltd.	SELL	73.05	Ordinary	(18,624)	(18,624)
21-Jan-2019	Vanguard Investments Australia Ltd.	BUY	73.05	Ordinary	4,599	4,599
22-Jan-2019	Vanguard Investments Australia Ltd.	SELL	72.18	Ordinary	(8,718)	(8,718)
22-Jan-2019	Vanguard Investments Australia Ltd.	SELL	72.00	Ordinary	(6,723)	(6,723)
24-Jan-2019	Vanguard Investments Australia Ltd.	SELL	72.51	Ordinary	(8,815)	(8,815)
29-Jan-2019	Vanguard Investments Australia Ltd.	BUY	71.34	Ordinary	32,526	32,526
30-Jan-2019	Vanguard Investments Australia Ltd.	BUY	71.24	Ordinary	6,572	6,572
30-Jan-2019	Vanguard Investments Australia Ltd.	BUY	71.23	Ordinary	32,539	32,539
1-Feb-2019	Vanguard Investments Australia Ltd.	SELL	69.88	Ordinary	(3,207)	(3,207)
1-Feb-2019	Vanguard Investments Australia Ltd.	BUY	69.76	Ordinary	53,231	53,231
5-Feb-2019	Vanguard Investments Australia Ltd.	SELL	73.60	Ordinary	(3,691)	(3,691)
5-Feb-2019	Vanguard Investments Australia Ltd.	SELL	73.60	Ordinary	(115,010)	(115,010)
12-Feb-2019	Vanguard Investments Australia Ltd.	SELL	73.33	Ordinary	(11,066)	(11,066)
12-Feb-2019	Vanguard Investments Australia Ltd.	SELL	73.33	Ordinary	(6,452)	(6,452)
13-Feb-2019	Vanguard Investments Australia Ltd.	BUY	71.21	Ordinary	69,835	69,835
15-Feb-2019	Vanguard Investments Australia Ltd.	SELL	70.81	Ordinary	(445)	(445)
15-Feb-2019	Vanguard Investments Australia Ltd.	SELL	70.81	Ordinary	(5,797)	(5,797)
19-Feb-2019	Vanguard Investments Australia Ltd.	BUY	71.67	Ordinary	18,106	18,106
20-Feb-2019	Vanguard Investments Australia Ltd.	SELL	71.66	Ordinary	(9,808)	(9,808)
22-Feb-2019	Vanguard Investments Australia Ltd.	BUY	73.85	Ordinary	6,463	6,463
25-Feb-2019	Vanguard Investments Australia Ltd.	BUY	73.76	Ordinary	52,000	52,000
26-Feb-2019	Vanguard Investments Australia Ltd.	BUY	73.15	Ordinary	20,186	20,186
26-Feb-2019	Vanguard Investments Australia Ltd.	BUY	73.15	Ordinary	16,500	16,500
28-Feb-2019	Vanguard Investments Australia Ltd.	BUY	73.87	Ordinary	3,017	3,017
28-Feb-2019	Vanguard Investments Australia Ltd.	BUY	73.87	Ordinary	1,253	1,253
5-Mar-2019	Vanguard Investments Australia Ltd.	BUY	74.06	Ordinary	105,728	105,728
6-Mar-2019	Vanguard Investments Australia Ltd.	BUY	74.58	Ordinary	733	733
7-Mar-2019	Vanguard Investments Australia Ltd.	BUY	74.68	Ordinary	6,906	6,906
11-Mar-2019	Vanguard Investments Australia Ltd.	SELL	73.15	Ordinary	(4,962)	(4,962)
12-Mar-2019	Vanguard Investments Australia Ltd.	SELL	73.13	Ordinary	(12,536)	(12,536)
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	15,219	15,219
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	35,456	35,456
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	1,249	1,249
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	2,912	2,912
15-Mar-2019	Vanguard Investments Australia Ltd.	SELL	72.31	Ordinary	(11,829)	(11,829)
15-Mar-2019	Vanguard Investments Australia Ltd.	SELL	72.31	Ordinary	(11,914)	(11,914)
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	7,379	7,379
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	17,196	17,196
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	1,195	1,195
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	2,786	2,786
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	12,498	12,498
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	29,124	29,124
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	4,086	4,086
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	9,526	9,526
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	9,915	9,915
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	72.31	Ordinary	23,102	23,102
19-Mar-2019	Vanguard Investments Australia Ltd.	SELL	71.33	Ordinary	(4,290)	(4,290)
19-Mar-2019	Vanguard Investments Australia Ltd.	BUY	71.33	Ordinary	185	185
21-Mar-2019	Vanguard Investments Australia Ltd.	SELL	71.13	Ordinary	(8,323)	(8,323)
21-Mar-2019	Vanguard Investments Australia Ltd.	BUY	71.13	Ordinary	19,616	19,616
22-Mar-2019	Vanguard Investments Australia Ltd.	BUY	71.43	Ordinary	23,925	23,925

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)	(1,244)
29-Mar-2019	Vanguard Investments Australia Ltd.	SELL	70.64	Ordinary	(22,819)	(22,819)
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.36	Ordinary	46,933	46,933
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.36	Ordinary	5,133	5,133
1-Apr-2019	Vanguard Investments Australia Ltd.	SELL	71.36	Ordinary	(95,151)	(95,151)
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.36	Ordinary	2,581	2,581
1-Apr-2019	Vanguard Investments Australia Ltd.	SELL	71.36	Ordinary	(2,062)	(2,062)
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.36	Ordinary	46,284	46,284
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.97	Ordinary	19,586	19,586
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.97	Ordinary	2,564	2,564
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.97	Ordinary	4,933	4,933
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.97	Ordinary	46,643	46,643
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.38	Ordinary	7,740	7,740
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	71.38	Ordinary	11,473	11,473
3-Apr-2019	Vanguard Investments Australia Ltd.	SELL	71.39	Ordinary	(1,304)	(1,304)
3-Apr-2019	Vanguard Investments Australia Ltd.	SELL	71.39	Ordinary	(2,343)	(2,343)
5-Apr-2019	Vanguard Investments Australia Ltd.	SELL	70.89	Ordinary	(2,204)	(2,204)
8-Apr-2019	Vanguard Investments Australia Ltd.	BUY	70.67	Ordinary	13,096	13,096
9-Apr-2019	Vanguard Investments Australia Ltd.	BUY	70.25	Ordinary	523,034	523,034
9-Apr-2019	Vanguard Investments Australia Ltd.	SELL	70.25	Ordinary	(4,067)	(4,067)
10-Apr-2019	Vanguard Investments Australia Ltd.	SELL	70.75	Ordinary	(2,758)	(2,758)
11-Apr-2019	Vanguard Investments Australia Ltd.	BUY	70.26	Ordinary	26,085	26,085
12-Apr-2019	Vanguard Investments Australia Ltd.	SELL	71.63	Ordinary	(4,757)	(4,757)
16-Apr-2019	Vanguard Investments Australia Ltd.	BUY	72.69	Ordinary	102,696	102,696
18-Apr-2019	Vanguard Investments Australia Ltd.	SELL	73.41	Ordinary	(2,507)	(2,507)
23-Apr-2019	Vanguard Investments Australia Ltd.	SELL	74.20	Ordinary	(5,702)	(5,702)
30-Apr-2019	Vanguard Investments Australia Ltd.	BUY	74.52	Ordinary	19,656	19,656
1-May-2019	Vanguard Investments Australia Ltd.	BUY	75.50	Ordinary	5,234	5,234
1-May-2019	Vanguard Investments Australia Ltd.	BUY	75.51	Ordinary	32,527	32,527
1-May-2019	Vanguard Investments Australia Ltd.	BUY	75.50	Ordinary	6,755	6,755
1-May-2019	Vanguard Investments Australia Ltd.	BUY	75.51	Ordinary	42,002	42,002
1-May-2019	Vanguard Investments Australia Ltd.	BUY	75.50	Ordinary	12,653	12,653
1-May-2019	Vanguard Investments Australia Ltd.	BUY	75.51	Ordinary	78,679	78,679
3-May-2019	Vanguard Investments Australia Ltd.	SELL	75.08	Ordinary	(2,564)	(2,564)
7-May-2019	Vanguard Investments Australia Ltd.	SELL	74.61	Ordinary	(4,626)	(4,626)
10-May-2019	Vanguard Investments Australia Ltd.	BUY	75.08	Ordinary	5,473	5,473
10-May-2019	Vanguard Investments Australia Ltd.	BUY	75.08	Ordinary	2,606	2,606
10-May-2019	Vanguard Investments Australia Ltd.	BUY	75.08	Ordinary	3,353	3,353
10-May-2019	Vanguard Investments Australia Ltd.	BUY	75.40	Ordinary	14,760	14,760
14-May-2019	Vanguard Investments Australia Ltd.	SELL	72.57	Ordinary	(5,270)	(5,270)
15-May-2019	Vanguard Investments Australia Ltd.	SELL	72.47	Ordinary	(7,780)	(7,780)
16-May-2019	Vanguard Investments Australia Ltd.	BUY	73.22	Ordinary	40,148	40,148
17-May-2019	Vanguard Investments Australia Ltd.	BUY	72.82	Ordinary	1,149	1,149
17-May-2019	Vanguard Investments Australia Ltd.	BUY	72.82	Ordinary	20,643	20,643
17-May-2019	Vanguard Investments Australia Ltd.	BUY	72.83	Ordinary	16,490	16,490
21-May-2019	Vanguard Investments Australia Ltd.	BUY	78.97	Ordinary	16,460	16,460
22-May-2019	Vanguard Investments Australia Ltd.	BUY	78.89	Ordinary	14,610	14,610
23-May-2019	Vanguard Investments Australia Ltd.	SELL	78.15	Ordinary	(1,066)	(1,066)
27-May-2019	Vanguard Investments Australia Ltd.	SELL	77.64	Ordinary	(36,004)	(36,004)
28-May-2019	Vanguard Investments Australia Ltd.	SELL	78.07	Ordinary	(4,023)	(4,023)
28-May-2019	Vanguard Investments Australia Ltd.	SELL	78.07	Ordinary	(446)	(446)
28-May-2019	Vanguard Investments Australia Ltd.	BUY	78.04	Ordinary	16,370	16,370
29-May-2019	Vanguard Investments Australia Ltd.	SELL	77.51	Ordinary	(8,064)	(8,064)
30-May-2019	Vanguard Investments Australia Ltd.	SELL	78.20	Ordinary	(454)	(454)
30-May-2019	Vanguard Investments Australia Ltd.	BUY	78.20	Ordinary	100,865	100,865
3-Jun-2019	Vanguard Investments Australia Ltd.	SELL	77.91	Ordinary	(31,931)	(31,931)
3-Jun-2019	Vanguard Investments Australia Ltd.	SELL	77.91	Ordinary	(17,076)	(17,076)
4-Jun-2019	Vanguard Investments Australia Ltd.	BUY	77.88	Ordinary	1,138	1,138
4-Jun-2019	Vanguard Investments Australia Ltd.	BUY	78.42	Ordinary	90,655	90,655
4-Jun-2019	Vanguard Investments Australia Ltd.	BUY	78.42	Ordinary	16,370	16,370
5-Jun-2019	Vanguard Investments Australia Ltd.	BUY	79.39	Ordinary	3,230	3,230
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	4,154	4,154
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	3,230	3,230
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	19,644	19,644
7-Jun-2019	Vanguard Investments Australia Ltd.	SELL	80.00	Ordinary	(1,281)	(1,281)
7-Jun-2019	Vanguard Investments Australia Ltd.	BUY	80.00	Ordinary	4,853	4,853
7-Jun-2019	Vanguard Investments Australia Ltd.	BUY	80.00	Ordinary	2,419	2,419
7-Jun-2019	Vanguard Investments Australia Ltd.	BUY	79.73	Ordinary	80,550	80,550

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	Vanguard Investments Australia Ltd.	SELL	80.95	Ordinary	(3,849)	(3,849)
11-Jun-2019	Vanguard Investments Australia Ltd.	BUY	80.95	Ordinary	4,845	4,845
12-Jun-2019	Vanguard Investments Australia Ltd.	BUY	80.14	Ordinary	56,358	56,358
13-Jun-2019	Vanguard Investments Australia Ltd.	BUY	80.42	Ordinary	3,230	3,230
17-Jun-2019	Vanguard Investments Australia Ltd.	BUY	80.19	Ordinary	13,096	13,096
19-Jun-2019	Vanguard Investments Australia Ltd.	SELL	82.01	Ordinary	(14,736)	(14,736)
20-Jun-2019	Vanguard Investments Australia Ltd.	SELL	82.44	Ordinary	(9,029)	(9,029)
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	86	86
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	9,559	9,559
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	16	16
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	1,786	1,786
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	110	110
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	12,230	12,230
21-Jun-2019	Vanguard Investments Australia Ltd.	SELL	82.24	Ordinary	(3,134)	(3,134)
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	5,112	5,112
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	46	46
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	10	10
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	1,190	1,190
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	228	228
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	25,416	25,416
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	4,839	4,839
21-Jun-2019	Vanguard Investments Australia Ltd.	SELL	82.21	Ordinary	(132,633)	(132,633)
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	9,822	9,822
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	769	769
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	85,815	85,815
25-Jun-2019	Vanguard Investments Australia Ltd.	SELL	82.38	Ordinary	(37,216)	(37,216)
26-Jun-2019	Vanguard Investments Australia Ltd.	BUY	82.19	Ordinary	4,599	4,599
27-Jun-2019	Vanguard Investments Australia Ltd.	SELL	83.00	Ordinary	(14,957)	(14,957)
27-Jun-2019	Vanguard Investments Australia Ltd.	BUY	83.00	Ordinary	6,144	6,144
27-Jun-2019	Vanguard Investments Australia Ltd.	BUY	83.00	Ordinary	11,487	11,487
28-Jun-2019	Vanguard Investments Australia Ltd.	SELL	82.78	Ordinary	(642)	(642)
28-Jun-2019	Vanguard Investments Australia Ltd.	SELL	82.78	Ordinary	(19,105)	(19,105)
2-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.05	Ordinary	4,548	4,548
2-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.05	Ordinary	19,512	19,512
5-Jul-2019	Vanguard Investments Australia Ltd.	BUY	82.26	Ordinary	14,695	14,695
8-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.28	Ordinary	9,096	9,096
8-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.28	Ordinary	9,762	9,762
9-Jul-2019	Vanguard Investments Australia Ltd.	BUY	80.97	Ordinary	9,762	9,762
9-Jul-2019	Vanguard Investments Australia Ltd.	BUY	80.97	Ordinary	20,181	20,181
11-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.30	Ordinary	3,103	3,103
11-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.24	Ordinary	9,762	9,762
12-Jul-2019	Vanguard Investments Australia Ltd.	SELL	81.55	Ordinary	(2,819)	(2,819)
15-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.13	Ordinary	2,844	2,844
15-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.13	Ordinary	34,779	34,779
15-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.06	Ordinary	4,548	4,548
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	80.92	Ordinary	24,406	24,406
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	80.92	Ordinary	12,904	12,904
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	80.92	Ordinary	3,073	3,073
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	80.85	Ordinary	19,524	19,524
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	80.85	Ordinary	24,770	24,770
17-Jul-2019	Vanguard Investments Australia Ltd.	SELL	81.32	Ordinary	(10,534)	(10,534)
18-Jul-2019	Vanguard Investments Australia Ltd.	SELL	81.38	Ordinary	(7,549)	(7,549)
19-Jul-2019	Vanguard Investments Australia Ltd.	SELL	82.09	Ordinary	(6,021)	(6,021)
19-Jul-2019	Vanguard Investments Australia Ltd.	BUY	82.09	Ordinary	16,744	16,744
22-Jul-2019	Vanguard Investments Australia Ltd.	SELL	81.85	Ordinary	(1,085,175)	(1,085,175)
22-Jul-2019	Vanguard Investments Australia Ltd.	BUY	81.85	Ordinary	4,548	4,548
23-Jul-2019	Vanguard Investments Australia Ltd.	SELL	81.55	Ordinary	(4,681)	(4,681)
24-Jul-2019	Vanguard Investments Australia Ltd.	BUY	82.35	Ordinary	7,467	7,467
26-Jul-2019	Vanguard Investments Australia Ltd.	SELL	82.60	Ordinary	(4,039)	(4,039)
30-Jul-2019	Vanguard Investments Australia Ltd.	BUY	83.40	Ordinary	17,897	17,897
31-Jul-2019	Vanguard Investments Australia Ltd.	BUY	82.30	Ordinary	4,548	4,548
1-Aug-2019	Vanguard Investments Australia Ltd.	SELL	81.92	Ordinary	(10,571)	(10,571)
2-Aug-2019	Vanguard Investments Australia Ltd.	SELL	81.88	Ordinary	(12,983)	(12,983)
6-Aug-2019	Vanguard Investments Australia Ltd.	SELL	79.80	Ordinary	(4,231)	(4,231)
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.80	Ordinary	6,064	6,064
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.80	Ordinary	14,661	14,661
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.80	Ordinary	14,661	14,661
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.80	Ordinary	20,388	20,388

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-Aug-2019	Vanguard Investments Australia Ltd.	BUY	78.70	Ordinary	10,612	10,612
7-Aug-2019	Vanguard Investments Australia Ltd.	BUY	78.70	Ordinary	19,397	19,397
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	78.96	Ordinary	17,919	17,919
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	78.96	Ordinary	31,527	31,527
9-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.42	Ordinary	300	300
9-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.42	Ordinary	11,984	11,984
12-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.94	Ordinary	17,908	17,908
13-Aug-2019	Vanguard Investments Australia Ltd.	SELL	79.46	Ordinary	(3,870)	(3,870)
13-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.46	Ordinary	5,433	5,433
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	76.63	Ordinary	4,218	4,218
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	76.63	Ordinary	6,088	6,088
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	76.63	Ordinary	2,949	2,949
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	76.63	Ordinary	29,319	29,319
15-Aug-2019	Vanguard Investments Australia Ltd.	BUY	74.34	Ordinary	6,084	6,084
16-Aug-2019	Vanguard Investments Australia Ltd.	BUY	75.12	Ordinary	27,038	27,038
19-Aug-2019	Vanguard Investments Australia Ltd.	BUY	76.29	Ordinary	30,675	30,675
20-Aug-2019	Vanguard Investments Australia Ltd.	BUY	77.13	Ordinary	7,501	7,501
20-Aug-2019	Vanguard Investments Australia Ltd.	SELL	77.13	Ordinary	(7,189)	(7,189)
20-Aug-2019	Vanguard Investments Australia Ltd.	BUY	77.13	Ordinary	13,857	13,857
21-Aug-2019	Vanguard Investments Australia Ltd.	BUY	77.02	Ordinary	4,569	4,569
21-Aug-2019	Vanguard Investments Australia Ltd.	BUY	77.02	Ordinary	11,021	11,021
22-Aug-2019	Vanguard Investments Australia Ltd.	BUY	77.10	Ordinary	302	302
22-Aug-2019	Vanguard Investments Australia Ltd.	BUY	77.10	Ordinary	2,771	2,771
22-Aug-2019	Vanguard Investments Australia Ltd.	BUY	77.10	Ordinary	20,624	20,624
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	77.15	Ordinary	710	710
27-Aug-2019	Vanguard Investments Australia Ltd.	SELL	77.12	Ordinary	(238)	(238)
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	77.15	Ordinary	21,143	21,143
28-Aug-2019	Vanguard Investments Australia Ltd.	BUY	76.80	Ordinary	20,531	20,531
29-Aug-2019	Vanguard Investments Australia Ltd.	BUY	77.41	Ordinary	4,587	4,587
30-Aug-2019	Vanguard Investments Australia Ltd.	BUY	79.05	Ordinary	5,788	5,788
2-Sep-2019	Vanguard Investments Australia Ltd.	BUY	78.94	Ordinary	36,058	36,058
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	78.78	Ordinary	340	340
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	78.82	Ordinary	155,237	155,237
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	78.78	Ordinary	360	360
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	78.02	Ordinary	21,923	21,923
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	78.69	Ordinary	6,132	6,132
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	79.25	Ordinary	419	419
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	79.25	Ordinary	6,152	6,152
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	79.25	Ordinary	19,172	19,172
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	79.25	Ordinary	36,598	36,598
6-Sep-2019	Vanguard Investments Australia Ltd.	SELL	79.54	Ordinary	(4,450)	(4,450)
9-Sep-2019	Vanguard Investments Australia Ltd.	BUY	79.81	Ordinary	6,152	6,152
9-Sep-2019	Vanguard Investments Australia Ltd.	SELL	79.81	Ordinary	(10,767)	(10,767)
13-Sep-2019	Vanguard Investments Australia Ltd.	SELL	82.14	Ordinary	(938)	(938)
13-Sep-2019	Vanguard Investments Australia Ltd.	BUY	82.14	Ordinary	6,313	6,313
13-Sep-2019	Vanguard Investments Australia Ltd.	SELL	82.14	Ordinary	(9,884)	(9,884)
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	82.24	Ordinary	31,236	31,236
18-Sep-2019	Vanguard Investments Australia Ltd.	SELL	81.74	Ordinary	(7,713)	(7,713)
19-Sep-2019	Vanguard Investments Australia Ltd.	BUY	82.18	Ordinary	4,617	4,617
19-Sep-2019	Vanguard Investments Australia Ltd.	SELL	82.18	Ordinary	(9,869)	(9,869)
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	82.18	Ordinary	12,368	12,368
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	82.19	Ordinary	(1,614)	(1,614)
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	82.19	Ordinary	(34,279)	(34,279)
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	82.18	Ordinary	7,423	7,423
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	82.19	Ordinary	(1,127)	(1,127)
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	82.19	Ordinary	(10,538)	(10,538)
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	82.18	Ordinary	16,450	16,450
23-Sep-2019	Vanguard Investments Australia Ltd.	BUY	82.05	Ordinary	24,465	24,465
24-Sep-2019	Vanguard Investments Australia Ltd.	BUY	82.10	Ordinary	3,104	3,104
25-Sep-2019	Vanguard Investments Australia Ltd.	SELL	81.58	Ordinary	(6,259)	(6,259)
25-Sep-2019	Vanguard Investments Australia Ltd.	BUY	81.58	Ordinary	22,848	22,848
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	81.54	Ordinary	10,745	10,745
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	81.54	Ordinary	6,140	6,140
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	81.54	Ordinary	19,572	19,572
30-Sep-2019	Vanguard Investments Australia Ltd.	SELL	80.83	Ordinary	(1,322)	(1,322)
30-Sep-2019	Vanguard Investments Australia Ltd.	SELL	80.83	Ordinary	(25,127)	(25,127)
1-Oct-2019	Vanguard Investments Australia Ltd.	BUY	81.28	Ordinary	6,317	6,317
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	44,124	44,124

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-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	6,963	6,963
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.72	Ordinary	24,115	24,115
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.60	Ordinary	30,590	30,590
2-Oct-2019	Vanguard Investments Australia Ltd.	SELL	79.60	Ordinary	(38,640)	(38,640)
3-Oct-2019	Vanguard Investments Australia Ltd.	BUY	77.72	Ordinary	24,526	24,526
3-Oct-2019	Vanguard Investments Australia Ltd.	BUY	77.34	Ordinary	9,060	9,060
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	77.59	Ordinary	906	906
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	77.59	Ordinary	25,009	25,009
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	77.59	Ordinary	7,143	7,143
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	77.59	Ordinary	27,353	27,353
7-Oct-2019	Vanguard Investments Australia Ltd.	BUY	77.94	Ordinary	40,000	40,000
9-Oct-2019	Vanguard Investments Australia Ltd.	BUY	78.18	Ordinary	7,545	7,545
10-Oct-2019	Vanguard Investments Australia Ltd.	BUY	78.10	Ordinary	1,587	1,587
10-Oct-2019	Vanguard Investments Australia Ltd.	BUY	78.10	Ordinary	5,036	5,036
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	78.77	Ordinary	8,364	8,364
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	78.77	Ordinary	12,880	12,880
14-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.07	Ordinary	233,767	233,767
14-Oct-2019	Vanguard Investments Australia Ltd.	SELL	79.07	Ordinary	(6,000)	(6,000)
14-Oct-2019	Vanguard Investments Australia Ltd.	SELL	79.07	Ordinary	(2,459)	(2,459)
16-Oct-2019	Vanguard Investments Australia Ltd.	BUY	80.43	Ordinary	277,025	277,025
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	80.11	Ordinary	2,913	2,913
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	80.11	Ordinary	685	685
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	80.11	Ordinary	6,040	6,040
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.64	Ordinary	4,530	4,530
18-Oct-2019	Vanguard Investments Australia Ltd.	SELL	79.64	Ordinary	(1,061)	(1,061)
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.64	Ordinary	16,100	16,100
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.41	Ordinary	56,034	56,034
21-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.66	Ordinary	21,143	21,143
22-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.66	Ordinary	16,100	16,100
22-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.66	Ordinary	4,005	4,005
23-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.94	Ordinary	18,219	18,219
23-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.94	Ordinary	8,378	8,378
24-Oct-2019	Vanguard Investments Australia Ltd.	SELL	80.29	Ordinary	(2,967)	(2,967)
28-Oct-2019	Vanguard Investments Australia Ltd.	BUY	80.48	Ordinary	16,100	16,100
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.69	Ordinary	56,022	56,022
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.69	Ordinary	4,530	4,530
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.69	Ordinary	6,040	6,040
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	79.65	Ordinary	42,744	42,744
31-Oct-2019	Vanguard Investments Australia Ltd.	SELL	78.66	Ordinary	(7,194)	(7,194)
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	78.66	Ordinary	38,592	38,592
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	78.58	Ordinary	42,473	42,473
31-Oct-2019	Vanguard Investments Australia Ltd.	SELL	78.66	Ordinary	(19,296)	(19,296)
1-Nov-2019	Vanguard Investments Australia Ltd.	SELL	78.22	Ordinary	(210,583)	(210,583)
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	78.24	Ordinary	6,036	6,036
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	78.24	Ordinary	4,527	4,527
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	78.24	Ordinary	22,011	22,011
4-Nov-2019	Vanguard Investments Australia Ltd.	SELL	76.97	Ordinary	(290,673)	(290,673)
4-Nov-2019	Vanguard Investments Australia Ltd.	BUY	77.05	Ordinary	37,861	37,861
5-Nov-2019	Vanguard Investments Australia Ltd.	SELL	77.70	Ordinary	(5,678)	(5,678)
5-Nov-2019	Vanguard Investments Australia Ltd.	SELL	77.70	Ordinary	(69,205)	(69,205)
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	77.70	Ordinary	6,036	6,036
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	77.70	Ordinary	19,284	19,284
7-Nov-2019	Vanguard Investments Australia Ltd.	SELL	79.04	Ordinary	(23,544)	(23,544)
7-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.04	Ordinary	6,028	6,028
7-Nov-2019	Vanguard Investments Australia Ltd.	SELL	79.04	Ordinary	(8,559)	(8,559)
7-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.04	Ordinary	13,745	13,745
11-Nov-2019	Vanguard Investments Australia Ltd.	SELL	80.05	Ordinary	(6,131)	(6,131)
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	80.02	Ordinary	42,845	42,845
12-Nov-2019	Vanguard Investments Australia Ltd.	SELL	80.83	Ordinary	(7,615)	(7,615)
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	80.83	Ordinary	4,542	4,542
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	80.83	Ordinary	17,765	17,765
13-Nov-2019	Vanguard Investments Australia Ltd.	SELL	79.24	Ordinary	(1,217)	(1,217)
13-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.24	Ordinary	4,651	4,651
13-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.24	Ordinary	4,848	4,848
14-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.77	Ordinary	34,714	34,714
14-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.77	Ordinary	4,214	4,214
15-Nov-2019	Vanguard Investments Australia Ltd.	BUY	80.69	Ordinary	6,072	6,072
19-Nov-2019	Vanguard Investments Australia Ltd.	SELL	80.67	Ordinary	(2,620)	(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	21,073
20-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.60	Ordinary	11,340	11,340
21-Nov-2019	Vanguard Investments Australia Ltd.	SELL	79.33	Ordinary	(4,939)	(4,939)
21-Nov-2019	Vanguard Investments Australia Ltd.	SELL	79.33	Ordinary	(2,338)	(2,338)
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.33	Ordinary	6,072	6,072
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.33	Ordinary	34,041	34,041
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.60	Ordinary	6,321	6,321
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.60	Ordinary	4,554	4,554
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.60	Ordinary	37,575	37,575
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.89	Ordinary	3,056	3,056
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	79.89	Ordinary	33,000	33,000
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	80.74	Ordinary	(16,099)	(16,099)
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	80.74	Ordinary	(633)	(633)
27-Nov-2019	Vanguard Investments Australia Ltd.	BUY	81.69	Ordinary	31,917	31,917
28-Nov-2019	Vanguard Investments Australia Ltd.	SELL	81.60	Ordinary	(510)	(510)
28-Nov-2019	Vanguard Investments Australia Ltd.	BUY	81.60	Ordinary	4,554	4,554
29-Nov-2019	Vanguard Investments Australia Ltd.	BUY	80.82	Ordinary	19,440	19,440
2-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.43	Ordinary	86,165	86,165
3-Dec-2019	Vanguard Investments Australia Ltd.	BUY	79.34	Ordinary	9,108	9,108
3-Dec-2019	Vanguard Investments Australia Ltd.	BUY	79.34	Ordinary	24,886	24,886
4-Dec-2019	Vanguard Investments Australia Ltd.	BUY	77.81	Ordinary	7,590	7,590
4-Dec-2019	Vanguard Investments Australia Ltd.	BUY	77.81	Ordinary	35,618	35,618
5-Dec-2019	Vanguard Investments Australia Ltd.	BUY	78.62	Ordinary	17,834	17,834
6-Dec-2019	Vanguard Investments Australia Ltd.	BUY	78.99	Ordinary	16,626	16,626
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	79.26	Ordinary	6,300	6,300
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	79.26	Ordinary	6,072	6,072
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	79.26	Ordinary	19,416	19,416
11-Dec-2019	Vanguard Investments Australia Ltd.	BUY	80.31	Ordinary	34,978	34,978
12-Dec-2019	Vanguard Investments Australia Ltd.	SELL	79.72	Ordinary	(648)	(648)
13-Dec-2019	Vanguard Investments Australia Ltd.	BUY	80.06	Ordinary	6,072	6,072
13-Dec-2019	Vanguard Investments Australia Ltd.	BUY	80.06	Ordinary	16,200	16,200
18-Dec-2019	Vanguard Investments Australia Ltd.	SELL	81.90	Ordinary	(10,500)	(10,500)
18-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.90	Ordinary	22,680	22,680
18-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.92	Ordinary	24,313	24,313
19-Dec-2019	Vanguard Investments Australia Ltd.	BUY	82.25	Ordinary	6,468	6,468
19-Dec-2019	Vanguard Investments Australia Ltd.	BUY	82.25	Ordinary	18,521	18,521
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.25	Ordinary	1,138	1,138
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.25	Ordinary	4,000	4,000
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.25	Ordinary	977	977
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.25	Ordinary	4,053	4,053
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.25	Ordinary	6,068	6,068
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.25	Ordinary	40,156	40,156
27-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.07	Ordinary	4,593	4,593
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	81.10	Ordinary	12,944	12,944
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	80.93	Ordinary	50,886	50,886
31-Dec-2019	Vanguard Investments Australia Ltd.	SELL	79.90	Ordinary	(9,647)	(9,647)
31-Dec-2019	Vanguard Investments Australia Ltd.	BUY	79.90	Ordinary	8,090	8,090
2-Jan-2020	Vanguard Investments Australia Ltd.	BUY	79.88	Ordinary	6,068	6,068
2-Jan-2020	Vanguard Investments Australia Ltd.	BUY	79.88	Ordinary	19,272	19,272
3-Jan-2020	Vanguard Investments Australia Ltd.	SELL	80.31	Ordinary	(118,574)	(118,574)
6-Jan-2020	Vanguard Investments Australia Ltd.	BUY	79.44	Ordinary	6,829	6,829
7-Jan-2020	Vanguard Investments Australia Ltd.	BUY	81.20	Ordinary	9,636	9,636
7-Jan-2020	Vanguard Investments Australia Ltd.	BUY	81.16	Ordinary	31,524	31,524
8-Jan-2020	Vanguard Investments Australia Ltd.	BUY	80.90	Ordinary	24,090	24,090
9-Jan-2020	Vanguard Investments Australia Ltd.	SELL	81.49	Ordinary	(12,848)	(12,848)
13-Jan-2020	Vanguard Investments Australia Ltd.	SELL	82.48	Ordinary	(4,796)	(4,796)
13-Jan-2020	Vanguard Investments Australia Ltd.	BUY	82.48	Ordinary	24,105	24,105
14-Jan-2020	Vanguard Investments Australia Ltd.	BUY	83.33	Ordinary	19,979	19,979
14-Jan-2020	Vanguard Investments Australia Ltd.	BUY	83.17	Ordinary	8,340	8,340
14-Jan-2020	Vanguard Investments Australia Ltd.	SELL	83.17	Ordinary	(8,340)	(8,340)
15-Jan-2020	Vanguard Investments Australia Ltd.	SELL	83.66	Ordinary	(13,614)	(13,614)
15-Jan-2020	Vanguard Investments Australia Ltd.	SELL	83.22	Ordinary	(177)	(177)
15-Jan-2020	Vanguard Investments Australia Ltd.	BUY	83.64	Ordinary	43,696	43,696
16-Jan-2020	Vanguard Investments Australia Ltd.	BUY	84.46	Ordinary	5,441	5,441
17-Jan-2020	Vanguard Investments Australia Ltd.	BUY	84.05	Ordinary	4,551	4,551
21-Jan-2020	Vanguard Investments Australia Ltd.	SELL	83.48	Ordinary	(16,046)	(16,046)
21-Jan-2020	Vanguard Investments Australia Ltd.	BUY	83.48	Ordinary	24,105	24,105
23-Jan-2020	Vanguard Investments Australia Ltd.	BUY	84.52	Ordinary	4,551	4,551

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-Jan-2020	Vanguard Investments Australia Ltd.	SELL	84.94	Ordinary	(5,066)	(5,066)
29-Jan-2020	Vanguard Investments Australia Ltd.	BUY	84.61	Ordinary	6,068	6,068
30-Jan-2020	Vanguard Investments Australia Ltd.	BUY	85.44	Ordinary	24,120	24,120
31-Jan-2020	Vanguard Investments Australia Ltd.	BUY	85.33	Ordinary	22,978	22,978
3-Feb-2020	Vanguard Investments Australia Ltd.	SELL	84.54	Ordinary	(13,972)	(13,972)
3-Feb-2020	Vanguard Investments Australia Ltd.	SELL	84.55	Ordinary	(5,491)	(5,491)
5-Feb-2020	Vanguard Investments Australia Ltd.	BUY	83.28	Ordinary	2,085	2,085
7-Feb-2020	Vanguard Investments Australia Ltd.	BUY	84.80	Ordinary	16,090	16,090
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	84.72	Ordinary	32,140	32,140
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	84.66	Ordinary	56,840	56,840
12-Feb-2020	Vanguard Investments Australia Ltd.	SELL	88.18	Ordinary	(17,202)	(17,202)
13-Feb-2020	Vanguard Investments Australia Ltd.	SELL	88.73	Ordinary	(7,585)	(7,585)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	89.43	Ordinary	(107)	(107)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	89.46	Ordinary	(30,345)	(30,345)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	89.46	Ordinary	(6,258)	(6,258)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	89.46	Ordinary	(7,808)	(7,808)
18-Feb-2020	Vanguard Investments Australia Ltd.	BUY	90.26	Ordinary	2,086	2,086
19-Feb-2020	Vanguard Investments Australia Ltd.	BUY	87.83	Ordinary	175	175
19-Feb-2020	Vanguard Investments Australia Ltd.	BUY	87.83	Ordinary	2,032	2,032
25-Feb-2020	Vanguard Investments Australia Ltd.	BUY	86.80	Ordinary	97	97
26-Feb-2020	Vanguard Investments Australia Ltd.	BUY	85.35	Ordinary	25,888	25,888
27-Feb-2020	Vanguard Investments Australia Ltd.	BUY	84.43	Ordinary	125,728	125,728
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	81.78	Ordinary	(2,067)	(2,067)
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	81.78	Ordinary	(20,676)	(20,676)
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	81.78	Ordinary	(415)	(415)
28-Feb-2020	Vanguard Investments Australia Ltd.	BUY	81.78	Ordinary	24,285	24,285
2-Mar-2020	Vanguard Investments Australia Ltd.	SELL	80.47	Ordinary	(14,342)	(14,342)
2-Mar-2020	Vanguard Investments Australia Ltd.	BUY	80.47	Ordinary	199	199
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	79.11	Ordinary	4,590	4,590
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	79.11	Ordinary	43,794	43,794
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	77.11	Ordinary	90	90
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	77.11	Ordinary	6,120	6,120
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	77.11	Ordinary	27,591	27,591
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	76.75	Ordinary	3,801	3,801
5-Mar-2020	Vanguard Investments Australia Ltd.	SELL	76.75	Ordinary	(6,330)	(6,330)
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	76.75	Ordinary	889	889
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	76.75	Ordinary	6,156	6,156
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	76.75	Ordinary	16,630	16,630
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	76.75	Ordinary	11,186	11,186
9-Mar-2020	Vanguard Investments Australia Ltd.	SELL	69.15	Ordinary	(4,976)	(4,976)
9-Mar-2020	Vanguard Investments Australia Ltd.	SELL	69.15	Ordinary	(100)	(100)
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	69.15	Ordinary	7,695	7,695
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	69.15	Ordinary	9,234	9,234
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	69.15	Ordinary	1,821	1,821
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	69.15	Ordinary	57,015	57,015
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	69.15	Ordinary	69,546	69,546
10-Mar-2020	Vanguard Investments Australia Ltd.	BUY	73.37	Ordinary	29,353	29,353
10-Mar-2020	Vanguard Investments Australia Ltd.	SELL	73.37	Ordinary	(836)	(836)
10-Mar-2020	Vanguard Investments Australia Ltd.	SELL	73.37	Ordinary	(3,386)	(3,386)
10-Mar-2020	Vanguard Investments Australia Ltd.	BUY	73.37	Ordinary	86,799	86,799
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	68.50	Ordinary	58	58
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	71.39	Ordinary	9,044	9,044
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	68.50	Ordinary	213	213
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	68.50	Ordinary	13,851	13,851
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	68.50	Ordinary	9,234	9,234
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	68.50	Ordinary	40,800	40,800
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	68.50	Ordinary	32,640	32,640
12-Mar-2020	Vanguard Investments Australia Ltd.	SELL	63.11	Ordinary	(10,412)	(10,412)
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	63.11	Ordinary	2,106	2,106
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	63.11	Ordinary	6,156	6,156
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	63.11	Ordinary	48,960	48,960
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	63.11	Ordinary	27,744	27,744
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	63.11	Ordinary	175,949	175,949
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	66.36	Ordinary	(1,424)	(1,424)
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	66.36	Ordinary	63,912	63,912
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	66.36	Ordinary	(1,171)	(1,171)
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	66.36	Ordinary	(639)	(639)
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	66.36	Ordinary	(11,870)	(11,870)

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
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
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	66.36	Ordinary	48,960	48,960
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	66.36	Ordinary	106,736	106,736
16-Mar-2020	Vanguard Investments Australia Ltd.	SELL	59.72	Ordinary	(5,828)	(5,828)
16-Mar-2020	Vanguard Investments Australia Ltd.	BUY	59.72	Ordinary	57,120	57,120
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	61.10	Ordinary	6,401	6,401
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	67.64	Ordinary	2,106	2,106
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	67.64	Ordinary	12,312	12,312
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	67.64	Ordinary	9,234	9,234
17-Mar-2020	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)
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	60.72	Ordinary	872	872
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	60.95	Ordinary	4,620	4,620
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	60.95	Ordinary	37,467	37,467
20-Mar-2020	Vanguard Investments Australia Ltd.	SELL	59.91	Ordinary	(4,292)	(4,292)
20-Mar-2020	Vanguard Investments Australia Ltd.	SELL	59.91	Ordinary	(2,991)	(2,991)
20-Mar-2020	Vanguard Investments Australia Ltd.	SELL	59.91	Ordinary	(9,622)	(9,622)
20-Mar-2020	Vanguard Investments Australia Ltd.	BUY	59.91	Ordinary	50,499	50,499
23-Mar-2020	Vanguard Investments Australia Ltd.	BUY	54.26	Ordinary	2,325	2,325
23-Mar-2020	Vanguard Investments Australia Ltd.	BUY	54.26	Ordinary	22,820	22,820
24-Mar-2020	Vanguard Investments Australia Ltd.	BUY	57.00	Ordinary	5,790	5,790
24-Mar-2020	Vanguard Investments Australia Ltd.	BUY	57.00	Ordinary	81	81
26-Mar-2020	Vanguard Investments Australia Ltd.	BUY	61.80	Ordinary	186	186
26-Mar-2020	Vanguard Investments Australia Ltd.	BUY	61.80	Ordinary	24,405	24,405
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	3
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	6,893	6,893
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	57,513	57,513
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	59.02	Ordinary	4	4
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	22,392	22,392
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	59.02	Ordinary	2	2
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	5,717	5,717
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	4,696	4,696
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	6,581	6,581
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	60,579	60,579
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	59.02	Ordinary	4	4
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	57.66	Ordinary	40,700	40,700
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	58.47	Ordinary	84,783	84,783
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	59.02	Ordinary	6	6
27-Mar-2020	Vanguard Investments Australia Ltd.	SELL	57.66	Ordinary	(43,956)	(43,956)
31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	61.82	Ordinary	(165,562)	(165,562)
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)
31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	61.82	Ordinary	(35,015)	(35,015)
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	61.82	Ordinary	32,560	32,560
1-Apr-2020	Vanguard Investments Australia Ltd.	BUY	63.67	Ordinary	20,904	20,904
2-Apr-2020	Vanguard Investments Australia Ltd.	SELL	61.24	Ordinary	(1,156)	(1,156)
2-Apr-2020	Vanguard Investments Australia Ltd.	SELL	61.24	Ordinary	(583)	(583)
2-Apr-2020	Vanguard Investments Australia Ltd.	BUY	61.24	Ordinary	6,052	6,052
2-Apr-2020	Vanguard Investments Australia Ltd.	BUY	61.24	Ordinary	24,090	24,090
3-Apr-2020	Vanguard Investments Australia Ltd.	SELL	60.11	Ordinary	(12,719)	(12,719)
3-Apr-2020	Vanguard Investments Australia Ltd.	SELL	60.11	Ordinary	(11,455)	(11,455)
3-Apr-2020	Vanguard Investments Australia Ltd.	BUY	60.11	Ordinary	13,224	13,224
6-Apr-2020	Vanguard Investments Australia Ltd.	BUY	62.47	Ordinary	203	203
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	61.87	Ordinary	6,219	6,219
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	61.87	Ordinary	6,052	6,052
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	61.87	Ordinary	56,175	56,175
8-Apr-2020	Vanguard Investments Australia Ltd.	SELL	59.81	Ordinary	(162)	(162)
9-Apr-2020	Vanguard Investments Australia Ltd.	SELL	61.76	Ordinary	(96,752)	(96,752)
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	61.76	Ordinary	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	54,536
14-Apr-2020	Vanguard Investments Australia Ltd.	SELL	62.75	Ordinary	(90,162)	(90,162)

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

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-2020	Vanguard Investments Australia Ltd.	SELL	64.03	Ordinary	(19,580)	(19,580)
3-Jun-2020	Vanguard Investments Australia Ltd.	BUY	66.11	Ordinary	6,028	6,028
4-Jun-2020	Vanguard Investments Australia Ltd.	SELL	67.66	Ordinary	(47,514)	(47,514)
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	68.73	Ordinary	23,835	23,835
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	68.73	Ordinary	19,068	19,068
5-Jun-2020	Vanguard Investments Australia Ltd.	SELL	68.73	Ordinary	(30,039)	(30,039)
9-Jun-2020	Vanguard Investments Australia Ltd.	BUY	71.00	Ordinary	6,240	6,240
9-Jun-2020	Vanguard Investments Australia Ltd.	BUY	72.20	Ordinary	6,028	6,028
10-Jun-2020	Vanguard Investments Australia Ltd.	SELL	71.60	Ordinary	(39,260)	(39,260)
11-Jun-2020	Vanguard Investments Australia Ltd.	SELL	68.44	Ordinary	(2,656)	(2,656)
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	68.44	Ordinary	2,071	2,071
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	68.44	Ordinary	4,328	4,328
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	68.44	Ordinary	23,820	23,820
12-Jun-2020	Vanguard Investments Australia Ltd.	BUY	67.32	Ordinary	1,912	1,912
15-Jun-2020	Vanguard Investments Australia Ltd.	BUY	66.30	Ordinary	31,760	31,760
16-Jun-2020	Vanguard Investments Australia Ltd.	BUY	69.09	Ordinary	15,870	15,870
17-Jun-2020	Vanguard Investments Australia Ltd.	BUY	69.59	Ordinary	23,820	23,820
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(5,524)	(5,524)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(1,533)	(1,533)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(10,783)	(10,783)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(76)	(76)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(5,263)	(5,263)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(1,575)	(1,575)
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	68.64	Ordinary	(11,390)	(11,390)
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	68.68	Ordinary	280,851	280,851
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	68.68	Ordinary	3,176	3,176
22-Jun-2020	Vanguard Investments Australia Ltd.	SELL	69.55	Ordinary	(13,439)	(13,439)
23-Jun-2020	Vanguard Investments Australia Ltd.	SELL	69.03	Ordinary	(26,826)	(26,826)
24-Jun-2020	Vanguard Investments Australia Ltd.	SELL	69.24	Ordinary	(9,474)	(9,474)
24-Jun-2020	Vanguard Investments Australia Ltd.	BUY	69.24	Ordinary	4,116	4,116
25-Jun-2020	Vanguard Investments Australia Ltd.	SELL	67.65	Ordinary	(2,915)	(2,915)
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	67.65	Ordinary	13,064	13,064
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	67.65	Ordinary	36,294	36,294
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	69.27	Ordinary	(4,213)	(4,213)
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	69.27	Ordinary	(76)	(76)
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	69.27	Ordinary	(563)	(563)
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	69.27	Ordinary	(8,719)	(8,719)
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	69.27	Ordinary	(17,419)	(17,419)
29-Jun-2020	Vanguard Investments Australia Ltd.	BUY	68.58	Ordinary	130	130
29-Jun-2020	Vanguard Investments Australia Ltd.	BUY	68.58	Ordinary	2,210	2,210
3-Jul-2020	Vanguard Investments Australia Ltd.	SELL	71.57	Ordinary	(8,618)	(8,618)
6-Jul-2020	Vanguard Investments Australia Ltd.	SELL	71.42	Ordinary	(172)	(172)
7-Jul-2020	Vanguard Investments Australia Ltd.	SELL	71.24	Ordinary	(31,361)	(31,361)
8-Jul-2020	Vanguard Investments Australia Ltd.	SELL	70.56	Ordinary	(1,170,448)	(1,170,448)
9-Jul-2020	Vanguard Investments Australia Ltd.	SELL	70.42	Ordinary	(3,468)	(3,468)
10-Jul-2020	Vanguard Investments Australia Ltd.	BUY	70.63	Ordinary	2,160	2,160
10-Jul-2020	Vanguard Investments Australia Ltd.	BUY	70.63	Ordinary	16,523	16,523
13-Jul-2020	Vanguard Investments Australia Ltd.	BUY	72.12	Ordinary	4,320	4,320
14-Jul-2020	Vanguard Investments Australia Ltd.	SELL	71.73	Ordinary	(5,100)	(5,100)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	72.64	Ordinary	(6,480)	(6,480)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	72.64	Ordinary	(8,140)	(8,140)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	72.64	Ordinary	(14,166)	(14,166)
17-Jul-2020	Vanguard Investments Australia Ltd.	SELL	72.60	Ordinary	(11,129)	(11,129)
21-Jul-2020	Vanguard Investments Australia Ltd.	SELL	74.43	Ordinary	(4,512)	(4,512)
21-Jul-2020	Vanguard Investments Australia Ltd.	SELL	74.43	Ordinary	(8,085)	(8,085)
24-Jul-2020	Vanguard Investments Australia Ltd.	BUY	72.86	Ordinary	54,326	54,326
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	72.21	Ordinary	9,717	9,717
29-Jul-2020	Vanguard Investments Australia Ltd.	SELL	73.01	Ordinary	(10,800)	(10,800)
30-Jul-2020	Vanguard Investments Australia Ltd.	BUY	73.22	Ordinary	20,449	20,449
31-Jul-2020	Vanguard Investments Australia Ltd.	BUY	71.20	Ordinary	30,885	30,885
3-Aug-2020	Vanguard Investments Australia Ltd.	BUY	69.93	Ordinary	4,685	4,685
4-Aug-2020	Vanguard Investments Australia Ltd.	SELL	71.50	Ordinary	(3,352)	(3,352)
4-Aug-2020	Vanguard Investments Australia Ltd.	SELL	71.50	Ordinary	(3,473)	(3,473)
5-Aug-2020	Vanguard Investments Australia Ltd.	SELL	71.70	Ordinary	(11,337)	(11,337)
5-Aug-2020	Vanguard Investments Australia Ltd.	BUY	71.70	Ordinary	23,580	23,580
7-Aug-2020	Vanguard Investments Australia Ltd.	BUY	71.52	Ordinary	31,440	31,440
12-Aug-2020	Vanguard Investments Australia Ltd.	SELL	74.34	Ordinary	(2,818)	(2,818)
12-Aug-2020	Vanguard Investments Australia Ltd.	BUY	74.34	Ordinary	26,774	26,774

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	24,736
13-Aug-2020	Vanguard Investments Australia Ltd.	SELL	72.50	Ordinary	(222)	(222)
17-Aug-2020	Vanguard Investments Australia Ltd.	SELL	70.76	Ordinary	(4,607)	(4,607)
19-Aug-2020	Vanguard Investments Australia Ltd.	SELL	71.04	Ordinary	(168)	(168)
20-Aug-2020	Vanguard Investments Australia Ltd.	SELL	70.26	Ordinary	(10,282)	(10,282)
25-Aug-2020	Vanguard Investments Australia Ltd.	BUY	70.45	Ordinary	116	116
25-Aug-2020	Vanguard Investments Australia Ltd.	BUY	70.45	Ordinary	23,595	23,595
31-Aug-2020	Vanguard Investments Australia Ltd.	SELL	68.37	Ordinary	(3,263)	(3,263)
31-Aug-2020	Vanguard Investments Australia Ltd.	SELL	68.37	Ordinary	(184)	(184)
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.79	Ordinary	6,560	6,560
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.79	Ordinary	25,248	25,248
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.79	Ordinary	2,731	2,731
2-Sep-2020	Vanguard Investments Australia Ltd.	SELL	67.61	Ordinary	(5,273)	(5,273)
3-Sep-2020	Vanguard Investments Australia Ltd.	BUY	68.18	Ordinary	116	116
3-Sep-2020	Vanguard Investments Australia Ltd.	SELL	68.18	Ordinary	(2,930)	(2,930)
4-Sep-2020	Vanguard Investments Australia Ltd.	SELL	66.73	Ordinary	(1,910)	(1,910)
4-Sep-2020	Vanguard Investments Australia Ltd.	SELL	66.73	Ordinary	(12,727)	(12,727)
4-Sep-2020	Vanguard Investments Australia Ltd.	SELL	66.73	Ordinary	(1,500)	(1,500)
4-Sep-2020	Vanguard Investments Australia Ltd.	SELL	66.73	Ordinary	(17,335)	(17,335)
4-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.73	Ordinary	4,661	4,661
7-Sep-2020	Vanguard Investments Australia Ltd.	SELL	67.37	Ordinary	(3,412)	(3,412)
7-Sep-2020	Vanguard Investments Australia Ltd.	BUY	67.37	Ordinary	20,540	20,540
8-Sep-2020	Vanguard Investments Australia Ltd.	BUY	67.87	Ordinary	5,928	5,928
9-Sep-2020	Vanguard Investments Australia Ltd.	SELL	66.79	Ordinary	(7,129)	(7,129)
9-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.79	Ordinary	28,458	28,458
10-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.72	Ordinary	1,237	1,237
15-Sep-2020	Vanguard Investments Australia Ltd.	BUY	65.03	Ordinary	6,576	6,576
16-Sep-2020	Vanguard Investments Australia Ltd.	BUY	65.70	Ordinary	7,905	7,905
17-Sep-2020	Vanguard Investments Australia Ltd.	BUY	65.00	Ordinary	6,576	6,576
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(15,254)	(15,254)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(5,549)	(5,549)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(64,720)	(64,720)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(289)	(289)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(20,375)	(20,375)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(5,446)	(5,446)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(7,924)	(7,924)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.39	Ordinary	(54,947)	(54,947)
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.37	Ordinary	3,741	3,741
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.37	Ordinary	12,640	12,640
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.37	Ordinary	7,900	7,900
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.37	Ordinary	23,638	23,638
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.37	Ordinary	300	300
21-Sep-2020	Vanguard Investments Australia Ltd.	BUY	63.50	Ordinary	4,674	4,674
21-Sep-2020	Vanguard Investments Australia Ltd.	BUY	63.50	Ordinary	551	551
23-Sep-2020	Vanguard Investments Australia Ltd.	SELL	64.27	Ordinary	(9,444)	(9,444)
24-Sep-2020	Vanguard Investments Australia Ltd.	BUY	64.20	Ordinary	6,642	6,642
25-Sep-2020	Vanguard Investments Australia Ltd.	BUY	66.13	Ordinary	15,570	15,570
28-Sep-2020	Vanguard Investments Australia Ltd.	BUY	65.49	Ordinary	6,556	6,556
29-Sep-2020	Vanguard Investments Australia Ltd.	BUY	65.02	Ordinary	4,677	4,677
30-Sep-2020	Vanguard Investments Australia Ltd.	SELL	63.61	Ordinary	(25,294)	(25,294)
30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	63.61	Ordinary	15,580	15,580
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	63.77	Ordinary	26,694	26,694
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	63.77	Ordinary	369	369
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	63.77	Ordinary	20,306	20,306
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	63.77	Ordinary	7,494	7,494
5-Oct-2020	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	23,205	23,205
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	1,285	1,285
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	11,834	11,834
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	3,971	3,971
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	1,661	1,661
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	17,082	17,082
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	66.15	Ordinary	15,470	15,470
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	12,148	12,148
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	65.99	Ordinary	500	500
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	66.15	Ordinary	1,020	1,020
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	66.75	Ordinary	1,293	1,293
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	66.75	Ordinary	11,902	11,902
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	66.75	Ordinary	3,994	3,994

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

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-2020	Vanguard Investments Australia Ltd.	BUY	79.56	Ordinary	6,504	6,504
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	79.56	Ordinary	1,199	1,199
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	79.56	Ordinary	3,472	3,472
4-Dec-2020	Vanguard Investments Australia Ltd.	BUY	80.18	Ordinary	15,530	15,530
7-Dec-2020	Vanguard Investments Australia Ltd.	SELL	80.74	Ordinary	(4,413)	(4,413)
9-Dec-2020	Vanguard Investments Australia Ltd.	BUY	83.18	Ordinary	963	963
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	82.39	Ordinary	20,202	20,202
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	82.39	Ordinary	3,594	3,594
15-Dec-2020	Vanguard Investments Australia Ltd.	BUY	83.07	Ordinary	15,540	15,540
16-Dec-2020	Vanguard Investments Australia Ltd.	SELL	84.10	Ordinary	(5,102)	(5,102)
16-Dec-2020	Vanguard Investments Australia Ltd.	BUY	83.85	Ordinary	15,560	15,560
17-Dec-2020	Vanguard Investments Australia Ltd.	BUY	84.72	Ordinary	6,504	6,504
17-Dec-2020	Vanguard Investments Australia Ltd.	SELL	84.59	Ordinary	(9,553)	(9,553)
17-Dec-2020	Vanguard Investments Australia Ltd.	BUY	84.72	Ordinary	20,228	20,228
18-Dec-2020	Vanguard Investments Australia Ltd.	SELL	83.26	Ordinary	(3,338)	(3,338)
18-Dec-2020	Vanguard Investments Australia Ltd.	SELL	83.26	Ordinary	(151)	(151)
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	83.16	Ordinary	5,715	5,715
18-Dec-2020	Vanguard Investments Australia Ltd.	SELL	83.26	Ordinary	(322)	(322)
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	83.16	Ordinary	19,833	19,833
18-Dec-2020	Vanguard Investments Australia Ltd.	SELL	83.26	Ordinary	(344,245)	(344,245)
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	83.16	Ordinary	82,965	82,965
18-Dec-2020	Vanguard Investments Australia Ltd.	SELL	83.26	Ordinary	(3,089)	(3,089)
21-Dec-2020	Vanguard Investments Australia Ltd.	SELL	83.00	Ordinary	(11,224)	(11,224)
22-Dec-2020	Vanguard Investments Australia Ltd.	BUY	82.42	Ordinary	31,100	31,100
23-Dec-2020	Vanguard Investments Australia Ltd.	BUY	83.01	Ordinary	1,617	1,617
30-Dec-2020	Vanguard Investments Australia Ltd.	BUY	83.59	Ordinary	118	118
31-Dec-2020	Vanguard Investments Australia Ltd.	SELL	82.11	Ordinary	(626)	(626)
31-Dec-2020	Vanguard Investments Australia Ltd.	BUY	82.11	Ordinary	5,844	5,844
31-Dec-2020	Vanguard Investments Australia Ltd.	SELL	82.11	Ordinary	(15,426)	(15,426)
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	83.75	Ordinary	201	201
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	83.75	Ordinary	15,490	15,490
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	83.75	Ordinary	37,000	37,000
5-Jan-2021	Vanguard Investments Australia Ltd.	SELL	83.23	Ordinary	(5,378)	(5,378)
6-Jan-2021	Vanguard Investments Australia Ltd.	BUY	82.90	Ordinary	18,600	18,600
6-Jan-2021	Vanguard Investments Australia Ltd.	BUY	82.90	Ordinary	926	926
12-Jan-2021	Vanguard Investments Australia Ltd.	BUY	85.88	Ordinary	2,534	2,534
14-Jan-2021	Vanguard Investments Australia Ltd.	BUY	86.33	Ordinary	24,832	24,832
15-Jan-2021	Vanguard Investments Australia Ltd.	SELL	85.38	Ordinary	(4,047)	(4,047)
15-Jan-2021	Vanguard Investments Australia Ltd.	SELL	85.38	Ordinary	(873)	(873)
18-Jan-2021	Vanguard Investments Australia Ltd.	SELL	84.67	Ordinary	(4,388)	(4,388)
19-Jan-2021	Vanguard Investments Australia Ltd.	BUY	85.11	Ordinary	7,755	7,755
19-Jan-2021	Vanguard Investments Australia Ltd.	BUY	85.11	Ordinary	22,218	22,218
20-Jan-2021	Vanguard Investments Australia Ltd.	BUY	84.37	Ordinary	2,344	2,344
21-Jan-2021	Vanguard Investments Australia Ltd.	BUY	85.03	Ordinary	3,406	3,406
25-Jan-2021	Vanguard Investments Australia Ltd.	SELL	85.27	Ordinary	(9,219)	(9,219)
25-Jan-2021	Vanguard Investments Australia Ltd.	SELL	85.27	Ordinary	(4,805)	(4,805)
27-Jan-2021	Vanguard Investments Australia Ltd.	SELL	86.60	Ordinary	(5,969)	(5,969)
27-Jan-2021	Vanguard Investments Australia Ltd.	BUY	86.60	Ordinary	7,590	7,590
28-Jan-2021	Vanguard Investments Australia Ltd.	SELL	85.14	Ordinary	(5,874)	(5,874)
28-Jan-2021	Vanguard Investments Australia Ltd.	BUY	85.14	Ordinary	20,176	20,176
28-Jan-2021	Vanguard Investments Australia Ltd.	BUY	85.14	Ordinary	70,956	70,956
2-Feb-2021	Vanguard Investments Australia Ltd.	BUY	86.59	Ordinary	21,728	21,728
3-Feb-2021	Vanguard Investments Australia Ltd.	SELL	87.59	Ordinary	(101)	(101)
3-Feb-2021	Vanguard Investments Australia Ltd.	BUY	87.59	Ordinary	2,344	2,344
4-Feb-2021	Vanguard Investments Australia Ltd.	BUY	87.06	Ordinary	4,120	4,120
5-Feb-2021	Vanguard Investments Australia Ltd.	SELL	88.64	Ordinary	(3,342)	(3,342)
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	88.64	Ordinary	4,653	4,653
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	88.64	Ordinary	6,465	6,465
8-Feb-2021	Vanguard Investments Australia Ltd.	SELL	88.62	Ordinary	(5,800)	(5,800)
10-Feb-2021	Vanguard Investments Australia Ltd.	BUY	86.12	Ordinary	5,800	5,800
10-Feb-2021	Vanguard Investments Australia Ltd.	BUY	86.12	Ordinary	20,150	20,150
10-Feb-2021	Vanguard Investments Australia Ltd.	BUY	86.12	Ordinary	6,691	6,691
11-Feb-2021	Vanguard Investments Australia Ltd.	BUY	87.05	Ordinary	10,843	10,843
12-Feb-2021	Vanguard Investments Australia Ltd.	BUY	86.87	Ordinary	18,512	18,512
15-Feb-2021	Vanguard Investments Australia Ltd.	SELL	86.31	Ordinary	(15,129)	(15,129)
16-Feb-2021	Vanguard Investments Australia Ltd.	SELL	85.91	Ordinary	(2,126)	(2,126)
16-Feb-2021	Vanguard Investments Australia Ltd.	BUY	85.91	Ordinary	1,453	1,453
16-Feb-2021	Vanguard Investments Australia Ltd.	SELL	85.91	Ordinary	(5,812)	(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	1,414
17-Feb-2021	Vanguard Investments Australia Ltd.	BUY	84.28	Ordinary	1,867	1,867
18-Feb-2021	Vanguard Investments Australia Ltd.	SELL	83.62	Ordinary	(4,750)	(4,750)
19-Feb-2021	Vanguard Investments Australia Ltd.	BUY	82.51	Ordinary	40,543	40,543
22-Feb-2021	Vanguard Investments Australia Ltd.	SELL	81.90	Ordinary	(51)	(51)
22-Feb-2021	Vanguard Investments Australia Ltd.	SELL	81.90	Ordinary	(412,384)	(412,384)
22-Feb-2021	Vanguard Investments Australia Ltd.	BUY	81.90	Ordinary	15,550	15,550
23-Feb-2021	Vanguard Investments Australia Ltd.	BUY	83.29	Ordinary	5,816	5,816
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	81.56	Ordinary	(13,755)	(13,755)
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	81.56	Ordinary	135	135
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	81.64	Ordinary	(3,819)	(3,819)
26-Feb-2021	Vanguard Investments Australia Ltd.	SELL	81.56	Ordinary	(5,024)	(5,024)
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	81.59	Ordinary	215	215
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	81.56	Ordinary	15,570	15,570
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	81.56	Ordinary	35,075	35,075
3-Mar-2021	Vanguard Investments Australia Ltd.	BUY	85.40	Ordinary	31,200	31,200
3-Mar-2021	Vanguard Investments Australia Ltd.	BUY	85.40	Ordinary	2,013	2,013
4-Mar-2021	Vanguard Investments Australia Ltd.	BUY	86.38	Ordinary	1,122	1,122
4-Mar-2021	Vanguard Investments Australia Ltd.	BUY	86.38	Ordinary	24,265	24,265
5-Mar-2021	Vanguard Investments Australia Ltd.	SELL	86.45	Ordinary	(6,453)	(6,453)
5-Mar-2021	Vanguard Investments Australia Ltd.	BUY	86.45	Ordinary	15,650	15,650
8-Mar-2021	Vanguard Investments Australia Ltd.	SELL	87.32	Ordinary	(7,811)	(7,811)
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	87.32	Ordinary	3,543	3,543
9-Mar-2021	Vanguard Investments Australia Ltd.	SELL	87.89	Ordinary	(9,170)	(9,170)
9-Mar-2021	Vanguard Investments Australia Ltd.	BUY	87.89	Ordinary	4,698	4,698
10-Mar-2021	Vanguard Investments Australia Ltd.	SELL	86.72	Ordinary	(1,138)	(1,138)
10-Mar-2021	Vanguard Investments Australia Ltd.	BUY	86.72	Ordinary	4,413	4,413
10-Mar-2021	Vanguard Investments Australia Ltd.	BUY	86.72	Ordinary	18,792	18,792
15-Mar-2021	Vanguard Investments Australia Ltd.	SELL	86.40	Ordinary	(5,884)	(5,884)
15-Mar-2021	Vanguard Investments Australia Ltd.	BUY	86.40	Ordinary	893	893
16-Mar-2021	Vanguard Investments Australia Ltd.	BUY	87.18	Ordinary	1,274	1,274
17-Mar-2021	Vanguard Investments Australia Ltd.	BUY	87.11	Ordinary	15,660	15,660
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(22,648)	(22,648)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(61)	(61)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(12,434)	(12,434)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(2,518)	(2,518)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(14,150)	(14,150)
19-Mar-2021	Vanguard Investments Australia Ltd.	SELL	84.78	Ordinary	(3,125)	(3,125)
19-Mar-2021	Vanguard Investments Australia Ltd.	BUY	84.71	Ordinary	2,361	2,361
22-Mar-2021	Vanguard Investments Australia Ltd.	BUY	85.08	Ordinary	5,876	5,876
23-Mar-2021	Vanguard Investments Australia Ltd.	BUY	84.26	Ordinary	11,245	11,245
24-Mar-2021	Vanguard Investments Australia Ltd.	BUY	86.37	Ordinary	115	115
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	85.40	Ordinary	17,127	17,127
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	85.40	Ordinary	20,241	20,241
31-Mar-2021	Vanguard Investments Australia Ltd.	SELL	86.10	Ordinary	(68,733)	(68,733)
31-Mar-2021	Vanguard Investments Australia Ltd.	SELL	86.10	Ordinary	(780)	(780)
31-Mar-2021	Vanguard Investments Australia Ltd.	SELL	86.10	Ordinary	(10,390)	(10,390)
31-Mar-2021	Vanguard Investments Australia Ltd.	BUY	86.10	Ordinary	2,370	2,370
1-Apr-2021	Vanguard Investments Australia Ltd.	IN SPECIE	86.21	Ordinary	(3,172,543)	(3,172,543)
1-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.21	Ordinary	5,804	5,804
1-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.21	Ordinary	17,320	17,320
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.03	Ordinary	9,497	9,497
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.03	Ordinary	4,356	4,356
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.03	Ordinary	46,169	46,169
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.03	Ordinary	4,635	4,635
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.32	Ordinary	24,198	24,198
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.32	Ordinary	4,330	4,330
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.32	Ordinary	6,057	6,057
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.53	Ordinary	18,528	18,528
8-Apr-2021	Vanguard Investments Australia Ltd.	SELL	87.12	Ordinary	(4,210)	(4,210)
8-Apr-2021	Vanguard Investments Australia Ltd.	BUY	87.12	Ordinary	4,925	4,925
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	87.13	Ordinary	18,528	18,528
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	87.13	Ordinary	33,968	33,968
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	87.13	Ordinary	11,760	11,760
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	87.13	Ordinary	3,528	3,528
12-Apr-2021	Vanguard Investments Australia Ltd.	BUY	86.72	Ordinary	4,356	4,356
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	87.80	Ordinary	3,525	3,525
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	87.80	Ordinary	1,175	1,175

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-2021	Vanguard Investments Australia Ltd.	BUY	87.80	Ordinary	2,350	2,350
19-Apr-2021	Vanguard Investments Australia Ltd.	BUY	88.84	Ordinary	6,360	6,360
20-Apr-2021	Vanguard Investments Australia Ltd.	SELL	87.74	Ordinary	(172)	(172)
20-Apr-2021	Vanguard Investments Australia Ltd.	SELL	87.74	Ordinary	(5,806)	(5,806)
20-Apr-2021	Vanguard Investments Australia Ltd.	BUY	87.74	Ordinary	30,880	30,880
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	88.17	Ordinary	781	781
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	88.17	Ordinary	22,849	22,849
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	88.17	Ordinary	5,852	5,852
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	88.17	Ordinary	11,495	11,495
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	88.17	Ordinary	28,189	28,189
27-Apr-2021	Vanguard Investments Australia Ltd.	BUY	89.33	Ordinary	36,823	36,823
28-Apr-2021	Vanguard Investments Australia Ltd.	BUY	90.21	Ordinary	30,576	30,576
28-Apr-2021	Vanguard Investments Australia Ltd.	BUY	90.21	Ordinary	2,788	2,788
29-Apr-2021	Vanguard Investments Australia Ltd.	BUY	90.00	Ordinary	17,050	17,050
29-Apr-2021	Vanguard Investments Australia Ltd.	BUY	90.00	Ordinary	4,704	4,704
30-Apr-2021	Vanguard Investments Australia Ltd.	BUY	89.04	Ordinary	5,852	5,852
30-Apr-2021	Vanguard Investments Australia Ltd.	BUY	89.04	Ordinary	14,131	14,131
3-May-2021	Vanguard Investments Australia Ltd.	SELL	89.70	Ordinary	(2,440)	(2,440)
3-May-2021	Vanguard Investments Australia Ltd.	BUY	89.70	Ordinary	15,500	15,500
3-May-2021	Vanguard Investments Australia Ltd.	BUY	89.70	Ordinary	3,528	3,528
4-May-2021	Vanguard Investments Australia Ltd.	BUY	90.45	Ordinary	4,210	4,210
5-May-2021	Vanguard Investments Australia Ltd.	BUY	92.72	Ordinary	4,210	4,210
5-May-2021	Vanguard Investments Australia Ltd.	BUY	92.72	Ordinary	4,439	4,439
6-May-2021	Vanguard Investments Australia Ltd.	BUY	92.94	Ordinary	23,250	23,250
7-May-2021	Vanguard Investments Australia Ltd.	BUY	93.92	Ordinary	72,331	72,331
7-May-2021	Vanguard Investments Australia Ltd.	BUY	93.92	Ordinary	1,176	1,176
10-May-2021	Vanguard Investments Australia Ltd.	BUY	95.15	Ordinary	1,177	1,177
11-May-2021	Vanguard Investments Australia Ltd.	BUY	94.58	Ordinary	233	233
12-May-2021	Vanguard Investments Australia Ltd.	BUY	95.57	Ordinary	5,860	5,860
13-May-2021	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	18,599	18,599
13-May-2021	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	3,786	3,786
13-May-2021	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	87	87
13-May-2021	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	1,578	1,578
13-May-2021	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	1,171	1,171
13-May-2021	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	4,435	4,435
13-May-2021	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	14,669	14,669
13-May-2021	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	3,540	3,540
13-May-2021	Vanguard Investments Australia Ltd.	BUY	95.98	Ordinary	2,360	2,360
14-May-2021	Vanguard Investments Australia Ltd.	BUY	96.58	Ordinary	12,566	12,566
14-May-2021	Vanguard Investments Australia Ltd.	BUY	96.58	Ordinary	21,798	21,798
17-May-2021	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	916	916
17-May-2021	Vanguard Investments Australia Ltd.	SELL	97.79	Ordinary	(19,418)	(19,418)
17-May-2021	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	412	412
17-May-2021	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	4,990	4,990
17-May-2021	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	709	709
17-May-2021	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	5,888	5,888
17-May-2021	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	10,901	10,901
17-May-2021	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	18,696	18,696
17-May-2021	Vanguard Investments Australia Ltd.	BUY	97.79	Ordinary	23,106	23,106
18-May-2021	Vanguard Investments Australia Ltd.	BUY	97.76	Ordinary	17,715	17,715
19-May-2021	Vanguard Investments Australia Ltd.	BUY	95.32	Ordinary	20,254	20,254
20-May-2021	Vanguard Investments Australia Ltd.	IN SPECIE	98.40	Ordinary	(6,401,497)	(6,401,497)
20-May-2021	Vanguard Investments Australia Ltd.	IN SPECIE	98.40	Ordinary	(54,643)	(54,643)
20-May-2021	Vanguard Investments Australia Ltd.	BUY	98.40	Ordinary	5,888	5,888
20-May-2021	Vanguard Investments Australia Ltd.	BUY	98.40	Ordinary	3,543	3,543
20-May-2021	Vanguard Investments Australia Ltd.	BUY	98.40	Ordinary	2,179	2,179
21-May-2021	Vanguard Investments Australia Ltd.	BUY	98.05	Ordinary	31,160	31,160
21-May-2021	Vanguard Investments Australia Ltd.	BUY	98.05	Ordinary	1,181	1,181
21-May-2021	Vanguard Investments Australia Ltd.	BUY	98.05	Ordinary	8,267	8,267
25-May-2021	Vanguard Investments Australia Ltd.	BUY	99.63	Ordinary	18,696	18,696
26-May-2021	Vanguard Investments Australia Ltd.	BUY	99.58	Ordinary	1,181	1,181
26-May-2021	Vanguard Investments Australia Ltd.	BUY	99.58	Ordinary	4,005	4,005
27-May-2021	Vanguard Investments Australia Ltd.	SELL	98.97	Ordinary	(6,816)	(6,816)
27-May-2021	Vanguard Investments Australia Ltd.	SELL	98.97	Ordinary	(12,150)	(12,150)
27-May-2021	Vanguard Investments Australia Ltd.	BUY	98.97	Ordinary	4,339	4,339
27-May-2021	Vanguard Investments Australia Ltd.	BUY	98.97	Ordinary	4,416	4,416
3-Jun-2021	Vanguard Investments Australia Ltd.	BUY	101.21	Ordinary	1,181	1,181
8-Jun-2021	Vanguard Investments Australia Ltd.	SELL	101.48	Ordinary	(4,414)	(4,414)

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	2,944
8-Jun-2021	Vanguard Investments Australia Ltd.	BUY	101.48	Ordinary	18,720	18,720
9-Jun-2021	Vanguard Investments Australia Ltd.	BUY	101.08	Ordinary	18,720	18,720
11-Jun-2021	Vanguard Investments Australia Ltd.	BUY	101.36	Ordinary	5,888	5,888
15-Jun-2021	Vanguard Investments Australia Ltd.	BUY	103.45	Ordinary	1,181	1,181
18-Jun-2021	Vanguard Investments Australia Ltd.	SELL	103.69	Ordinary	(3,821)	(3,821)
18-Jun-2021	Vanguard Investments Australia Ltd.	SELL	103.87	Ordinary	(2,962)	(2,962)
18-Jun-2021	Vanguard Investments Australia Ltd.	SELL	103.87	Ordinary	(420,988)	(420,988)
18-Jun-2021	Vanguard Investments Australia Ltd.	BUY	103.69	Ordinary	5,891	5,891
22-Jun-2021	Vanguard Investments Australia Ltd.	SELL	100.23	Ordinary	(1,922)	(1,922)
22-Jun-2021	Vanguard Investments Australia Ltd.	BUY	100.23	Ordinary	15,580	15,580
22-Jun-2021	Vanguard Investments Australia Ltd.	BUY	100.23	Ordinary	6,232	6,232
23-Jun-2021	Vanguard Investments Australia Ltd.	IN SPECIE	99.20	Ordinary	(3,100,565)	(3,100,565)
23-Jun-2021	Vanguard Investments Australia Ltd.	IN SPECIE	99.20	Ordinary	(1,262,146)	(1,262,146)
23-Jun-2021	Vanguard Investments Australia Ltd.	BUY	99.20	Ordinary	2,392	2,392
24-Jun-2021	Vanguard Investments Australia Ltd.	BUY	98.65	Ordinary	5,120	5,120
24-Jun-2021	Vanguard Investments Australia Ltd.	BUY	98.65	Ordinary	2,392	2,392
24-Jun-2021	Vanguard Investments Australia Ltd.	BUY	98.65	Ordinary	7,254	7,254
29-Jun-2021	Vanguard Investments Australia Ltd.	BUY	100.48	Ordinary	5,128	5,128
29-Jun-2021	Vanguard Investments Australia Ltd.	BUY	100.48	Ordinary	18,744	18,744
1-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.70	Ordinary	5,466	5,466
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.49	Ordinary	7,765	7,765
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.49	Ordinary	39,718	39,718
2-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.49	Ordinary	3,585	3,585
5-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.18	Ordinary	6,375	6,375
6-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.62	Ordinary	32,927	32,927
7-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.71	Ordinary	21,756	21,756
8-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.49	Ordinary	11,853	11,853
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.59	Ordinary	26,418	26,418
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.59	Ordinary	21,756	21,756
9-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.59	Ordinary	24,147	24,147
12-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.17	Ordinary	2,627	2,627
12-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.17	Ordinary	14,042	14,042
12-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.17	Ordinary	8,807	8,807
13-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.39	Ordinary	9,576	9,576
13-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.39	Ordinary	4,788	4,788
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.29	Ordinary	717	717
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.29	Ordinary	87,895	87,895
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.29	Ordinary	47,174	47,174
15-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.29	Ordinary	357	357
16-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.19	Ordinary	16,814	16,814
19-Jul-2021	Vanguard Investments Australia Ltd.	SELL	97.68	Ordinary	(4,355)	(4,355)
19-Jul-2021	Vanguard Investments Australia Ltd.	BUY	97.68	Ordinary	7,780	7,780
20-Jul-2021	Vanguard Investments Australia Ltd.	SELL	97.61	Ordinary	(2,991)	(2,991)
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	97.61	Ordinary	18,672	18,672
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	97.61	Ordinary	24,402	24,402
20-Jul-2021	Vanguard Investments Australia Ltd.	BUY	97.61	Ordinary	677	677
21-Jul-2021	Vanguard Investments Australia Ltd.	BUY	98.42	Ordinary	5,100	5,100
22-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.88	Ordinary	19,626	19,626
22-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.88	Ordinary	8,231	8,231
23-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.12	Ordinary	18,660	18,660
26-Jul-2021	Vanguard Investments Australia Ltd.	SELL	99.14	Ordinary	(9,324)	(9,324)
28-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.30	Ordinary	197	197
29-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.45	Ordinary	2,168	2,168
29-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.45	Ordinary	20,363	20,363
29-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.45	Ordinary	1,200	1,200
30-Jul-2021	Vanguard Investments Australia Ltd.	BUY	99.65	Ordinary	619	619
2-Aug-2021	Vanguard Investments Australia Ltd.	BUY	101.66	Ordinary	429	429
3-Aug-2021	Vanguard Investments Australia Ltd.	BUY	101.45	Ordinary	724	724
3-Aug-2021	Vanguard Investments Australia Ltd.	BUY	101.45	Ordinary	21,756	21,756
3-Aug-2021	Vanguard Investments Australia Ltd.	BUY	101.45	Ordinary	15,326	15,326
3-Aug-2021	Vanguard Investments Australia Ltd.	BUY	101.45	Ordinary	213	213
5-Aug-2021	Vanguard Investments Australia Ltd.	BUY	103.41	Ordinary	3,600	3,600
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	103.75	Ordinary	1,185	1,185
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	103.75	Ordinary	2,627	2,627
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	103.75	Ordinary	17,002	17,002
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	103.75	Ordinary	5,100	5,100
6-Aug-2021	Vanguard Investments Australia Ltd.	BUY	103.75	Ordinary	52,890	52,890

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

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	2,943
10-Sep-2021	Vanguard Investments Australia Ltd.	BUY	101.09	Ordinary	6,543	6,543
15-Sep-2021	Vanguard Investments Australia Ltd.	SELL	101.41	Ordinary	(4,528)	(4,528)
15-Sep-2021	Vanguard Investments Australia Ltd.	BUY	101.41	Ordinary	19,020	19,020
16-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.85	Ordinary	6,520	6,520
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	102.82	Ordinary	(1,642)	(1,642)
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	102.82	Ordinary	(4,913)	(4,913)
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	102.82	Ordinary	(12,401)	(12,401)
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.88	Ordinary	8,333	8,333
17-Sep-2021	Vanguard Investments Australia Ltd.	SELL	102.82	Ordinary	(7,531)	(7,531)
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.88	Ordinary	12,990	12,990
17-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.88	Ordinary	4,848	4,848
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.81	Ordinary	6,515	6,515
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.81	Ordinary	21,910	21,910
20-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.81	Ordinary	4,876	4,876
21-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.34	Ordinary	3,894	3,894
22-Sep-2021	Vanguard Investments Australia Ltd.	BUY	99.64	Ordinary	2,434	2,434
22-Sep-2021	Vanguard Investments Australia Ltd.	BUY	99.64	Ordinary	3,323	3,323
23-Sep-2021	Vanguard Investments Australia Ltd.	BUY	100.80	Ordinary	26,588	26,588
24-Sep-2021	Vanguard Investments Australia Ltd.	BUY	101.70	Ordinary	7,790	7,790
27-Sep-2021	Vanguard Investments Australia Ltd.	BUY	104.59	Ordinary	12,160	12,160
28-Sep-2021	Vanguard Investments Australia Ltd.	BUY	104.00	Ordinary	18,744	18,744
29-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.62	Ordinary	11,682	11,682
29-Sep-2021	Vanguard Investments Australia Ltd.	BUY	102.62	Ordinary	7,815	7,815
30-Sep-2021	Vanguard Investments Australia Ltd.	SELL	104.32	Ordinary	(46,784)	(46,784)
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	100.08	Ordinary	23,085	23,085
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	100.08	Ordinary	24,624	24,624
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	100.08	Ordinary	6,020	6,020
1-Oct-2021	Vanguard Investments Australia Ltd.	BUY	100.08	Ordinary	4,816	4,816
4-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.61	Ordinary	106,387	106,387
4-Oct-2021	Vanguard Investments Australia Ltd.	BUY	103.21	Ordinary	1,161,000	1,161,000
4-Oct-2021	Vanguard Investments Australia Ltd.	SELL	88.62	Ordinary	(1,708,332)	(1,708,332)
4-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.16	Ordinary	7,695	7,695
5-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.50	Ordinary	9,632	9,632
5-Oct-2021	Vanguard Investments Australia Ltd.	SELL	105.19	Ordinary	(17,773)	(17,773)
5-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.35	Ordinary	106,387	106,387
6-Oct-2021	Vanguard Investments Australia Ltd.	BUY	103.42	Ordinary	407	407
6-Oct-2021	Vanguard Investments Australia Ltd.	SELL	103.87	Ordinary	(2,157)	(2,157)
6-Oct-2021	Vanguard Investments Australia Ltd.	SELL	103.42	Ordinary	(101,637)	(101,637)
7-Oct-2021	Vanguard Investments Australia Ltd.	SELL	88.62	Ordinary	(2,254)	(2,254)
8-Oct-2021	Vanguard Investments Australia Ltd.	SELL	104.45	Ordinary	(19,815)	(19,815)
8-Oct-2021	Vanguard Investments Australia Ltd.	SELL	104.45	Ordinary	(41,178)	(41,178)
8-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.45	Ordinary	23,776	23,776
8-Oct-2021	Vanguard Investments Australia Ltd.	SELL	104.45	Ordinary	(798,493)	(798,493)
11-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.69	Ordinary	5,815	5,815
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.89	Ordinary	6,057	6,057
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.89	Ordinary	3,063	3,063
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.89	Ordinary	8,141	8,141
12-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.89	Ordinary	705	705
14-Oct-2021	Vanguard Investments Australia Ltd.	BUY	101.91	Ordinary	986	986
14-Oct-2021	Vanguard Investments Australia Ltd.	BUY	101.91	Ordinary	7,338	7,338
15-Oct-2021	Vanguard Investments Australia Ltd.	BUY	102.28	Ordinary	19,331	19,331
18-Oct-2021	Vanguard Investments Australia Ltd.	SELL	103.94	Ordinary	(9,611)	(9,611)
18-Oct-2021	Vanguard Investments Australia Ltd.	BUY	103.94	Ordinary	4,652	4,652
18-Oct-2021	Vanguard Investments Australia Ltd.	SELL	103.94	Ordinary	(21,810)	(21,810)
19-Oct-2021	Vanguard Investments Australia Ltd.	BUY	103.89	Ordinary	542	542
19-Oct-2021	Vanguard Investments Australia Ltd.	BUY	103.89	Ordinary	4,652	4,652
20-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.03	Ordinary	26,739	26,739
21-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.95	Ordinary	44,582	44,582
21-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.95	Ordinary	19,383	19,383
22-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.88	Ordinary	332	332
22-Oct-2021	Vanguard Investments Australia Ltd.	BUY	104.88	Ordinary	7,338	7,338
25-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.46	Ordinary	344	344
26-Oct-2021	Vanguard Investments Australia Ltd.	BUY	105.10	Ordinary	4,652	4,652
27-Oct-2021	Vanguard Investments Australia Ltd.	BUY	106.10	Ordinary	15,899	15,899
27-Oct-2021	Vanguard Investments Australia Ltd.	IN SPECIE	106.10	Ordinary	(851,376)	(851,376)
28-Oct-2021	Vanguard Investments Australia Ltd.	BUY	106.86	Ordinary	420	420
28-Oct-2021	Vanguard Investments Australia Ltd.	BUY	106.66	Ordinary	120,550	120,550

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
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.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 12 November 2021