

**Form 604**Corporations Act 2001  
Section 671B**Notice of change of interests of substantial holder**To Company Name/Scheme  
ACN/ARSNGoodman Limited  
000 123 071**1. Details of substantial holder (1)**

Name

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

ACN/ARSN (if applicable)

N/A

There was a change in the interests of the substantial holder on

25 February 2021

The previous notice was given to the company on

21 December 2018

The previous notice was dated

21 December 2018**2. Previous and present voting power**

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
<b>Ordinary</b>	<b>165,056,520</b>	<b>9.100%</b>	<b>187,278,775</b>	<b>10.137%</b>

**3. Changes in relevant interests**

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate 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 (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
<b>See Annexure A</b>					

**4. Present relevant interests**

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Vanguard Group	<b>Brown Brothers Harriman</b>	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	<b>Ordinary – 4,725,728</b>	4,725,728
Vanguard Group	<b>BNY Mellon</b>	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	<b>Ordinary – 5,146,901</b>	5,146,901
Vanguard Group	<b>JP Morgan Chase Bank, N.A.</b>	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	<b>Ordinary – 127,172,614</b>	127,172,614
Vanguard Group	<b>State Street Bank and Trust Company</b>	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	<b>Ordinary – 21,819,035</b>	21,819,035
Vanguard Group	<b>Various others</b>	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	<b>Ordinary – 28,414,497</b>	28,414,497

**5. Changes in association**

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) 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

**6. 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

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**Signature**

print name Shawn Acker capacity Compliance Manager

sign here  date 2 March 2021

To Company	Goodman Limited
ACN/ARSN	000 123 071
Substantial Holder Name	The Vanguard Group, Inc.
ACN/ARSN	N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
20-Dec-18	The Vanguard Group, Inc.	SELL	11.07	Ordinary	(8,858)	(8,858)
20-Dec-18	The Vanguard Group, Inc.	BUY	11.07	Ordinary	12,601	12,601
20-Dec-18	The Vanguard Group, Inc.	BUY	11.00	Ordinary	17,472	17,472
21-Dec-18	The Vanguard Group, Inc.	SELL	10.85	Ordinary	(220,469)	(220,469)
21-Dec-18	The Vanguard Group, Inc.	SELL	10.84	Ordinary	(13,196)	(13,196)
21-Dec-18	The Vanguard Group, Inc.	BUY	10.86	Ordinary	128	128
21-Dec-18	The Vanguard Group, Inc.	SELL	10.84	Ordinary	(31,639)	(31,639)
21-Dec-18	The Vanguard Group, Inc.	SELL	10.84	Ordinary	(816)	(816)
24-Dec-18	The Vanguard Group, Inc.	BUY	10.73	Ordinary	11,250	11,250
24-Dec-18	The Vanguard Group, Inc.	BUY	10.73	Ordinary	18,000	18,000
26-Dec-18	The Vanguard Group, Inc.	BUY	10.91	Ordinary	6,750	6,750
26-Dec-18	The Vanguard Group, Inc.	BUY	10.91	Ordinary	19,058	19,058
27-Dec-18	The Vanguard Group, Inc.	BUY	11.05	Ordinary	1,825	1,825
27-Dec-18	The Vanguard Group, Inc.	BUY	11.05	Ordinary	3,375	3,375
27-Dec-18	The Vanguard Group, Inc.	BUY	11.05	Ordinary	5,625	5,625
27-Dec-18	The Vanguard Group, Inc.	BUY	11.05	Ordinary	16,875	16,875
27-Dec-18	The Vanguard Group, Inc.	BUY	11.05	Ordinary	1,300	1,300
28-Dec-18	The Vanguard Group, Inc.	BUY	10.70	Ordinary	371	371
28-Dec-18	The Vanguard Group, Inc.	BUY	10.95	Ordinary	7,330	7,330
31-Dec-18	The Vanguard Group, Inc.	BUY	10.64	Ordinary	8,760	8,760
2-Jan-19	The Vanguard Group, Inc.	SELL	11.60	Ordinary	(42,945)	(42,945)
2-Jan-19	The Vanguard Group, Inc.	SELL	11.60	Ordinary	(34,356)	(34,356)
2-Jan-19	The Vanguard Group, Inc.	BUY	10.57	Ordinary	1,921	1,921
3-Jan-19	The Vanguard Group, Inc.	SELL	13.21	Ordinary	(46,233)	(46,233)
3-Jan-19	The Vanguard Group, Inc.	SELL	13.21	Ordinary	(6,360)	(6,360)
3-Jan-19	The Vanguard Group, Inc.	BUY	13.21	Ordinary	1,446	1,446
3-Jan-19	The Vanguard Group, Inc.	BUY	13.21	Ordinary	25,767	25,767
3-Jan-19	The Vanguard Group, Inc.	BUY	13.21	Ordinary	8,907	8,907
4-Jan-19	The Vanguard Group, Inc.	BUY	13.18	Ordinary	1,074	1,074
4-Jan-19	The Vanguard Group, Inc.	BUY	13.19	Ordinary	7,540	7,540
4-Jan-19	The Vanguard Group, Inc.	BUY	13.44	Ordinary	1,798	1,798
7-Jan-19	The Vanguard Group, Inc.	BUY	15.10	Ordinary	3,315	3,315
7-Jan-19	The Vanguard Group, Inc.	BUY	15.10	Ordinary	12,627	12,627
7-Jan-19	The Vanguard Group, Inc.	BUY	15.20	Ordinary	1,264	1,264
8-Jan-19	The Vanguard Group, Inc.	SELL	14.86	Ordinary	(61,256)	(61,256)
8-Jan-19	The Vanguard Group, Inc.	BUY	14.88	Ordinary	16,965	16,965
8-Jan-19	The Vanguard Group, Inc.	BUY	14.77	Ordinary	49,205	49,205
8-Jan-19	The Vanguard Group, Inc.	SELL	10.76	Ordinary	(819)	(819)
10-Jan-19	The Vanguard Group, Inc.	BUY	14.46	Ordinary	3,456	3,456
11-Jan-19	The Vanguard Group, Inc.	BUY	14.40	Ordinary	569	569
14-Jan-19	The Vanguard Group, Inc.	BUY	11.31	Ordinary	10,262	10,262
15-Jan-19	The Vanguard Group, Inc.	SELL	11.53	Ordinary	(8,589)	(8,589)
15-Jan-19	The Vanguard Group, Inc.	BUY	11.50	Ordinary	1,103	1,103
15-Jan-19	The Vanguard Group, Inc.	BUY	11.39	Ordinary	26,144	26,144
16-Jan-19	The Vanguard Group, Inc.	SELL	11.51	Ordinary	(171,780)	(171,780)
16-Jan-19	The Vanguard Group, Inc.	SELL	11.42	Ordinary	(33,105)	(33,105)
16-Jan-19	The Vanguard Group, Inc.	BUY	11.49	Ordinary	4,681	4,681
17-Jan-19	The Vanguard Group, Inc.	SELL	11.58	Ordinary	(12,813)	(12,813)
17-Jan-19	The Vanguard Group, Inc.	SELL	11.60	Ordinary	(11,310)	(11,310)
17-Jan-19	The Vanguard Group, Inc.	BUY	11.58	Ordinary	1,862	1,862
17-Jan-19	The Vanguard Group, Inc.	BUY	11.67	Ordinary	2,514	2,514
17-Jan-19	The Vanguard Group, Inc.	BUY	11.67	Ordinary	24,192	24,192
18-Jan-19	The Vanguard Group, Inc.	SELL	11.70	Ordinary	(3,962)	(3,962)
18-Jan-19	The Vanguard Group, Inc.	SELL	11.62	Ordinary	(690)	(690)
22-Jan-19	The Vanguard Group, Inc.	SELL	11.71	Ordinary	(11,310)	(11,310)
22-Jan-19	The Vanguard Group, Inc.	BUY	11.72	Ordinary	462	462
22-Jan-19	The Vanguard Group, Inc.	BUY	11.72	Ordinary	1,328	1,328
23-Jan-19	The Vanguard Group, Inc.	SELL	11.74	Ordinary	(24,505)	(24,505)
23-Jan-19	The Vanguard Group, Inc.	BUY	11.74	Ordinary	1,973	1,973
24-Jan-19	The Vanguard Group, Inc.	SELL	11.72	Ordinary	(24,505)	(24,505)
24-Jan-19	The Vanguard Group, Inc.	BUY	11.70	Ordinary	23,786	23,786
25-Jan-19	The Vanguard Group, Inc.	SELL	11.80	Ordinary	(25,433)	(25,433)
25-Jan-19	The Vanguard Group, Inc.	BUY	11.89	Ordinary	1,182	1,182
28-Jan-19	The Vanguard Group, Inc.	SELL	11.90	Ordinary	(6,750)	(6,750)
29-Jan-19	The Vanguard Group, Inc.	SELL	11.99	Ordinary	(35,815)	(35,815)
29-Jan-19	The Vanguard Group, Inc.	SELL	11.99	Ordinary	(15,080)	(15,080)
29-Jan-19	The Vanguard Group, Inc.	SELL	11.99	Ordinary	(15,080)	(15,080)
29-Jan-19	The Vanguard Group, Inc.	SELL	11.99	Ordinary	(8,796)	(8,796)
29-Jan-19	The Vanguard Group, Inc.	SELL	11.99	Ordinary	(4,500)	(4,500)
29-Jan-19	The Vanguard Group, Inc.	BUY	11.97	Ordinary	1,671	1,671
29-Jan-19	The Vanguard Group, Inc.	SELL	11.92	Ordinary	(590)	(590)
30-Jan-19	The Vanguard Group, Inc.	SELL	12.08	Ordinary	(6,750)	(6,750)
30-Jan-19	The Vanguard Group, Inc.	BUY	12.15	Ordinary	748	748
30-Jan-19	The Vanguard Group, Inc.	BUY	12.08	Ordinary	2,555	2,555
30-Jan-19	The Vanguard Group, Inc.	BUY	12.05	Ordinary	45,052	45,052
31-Jan-19	The Vanguard Group, Inc.	SELL	11.71	Ordinary	(19,125)	(19,125)
31-Jan-19	The Vanguard Group, Inc.	SELL	11.71	Ordinary	(7,330)	(7,330)
31-Jan-19	The Vanguard Group, Inc.	BUY	11.85	Ordinary	11,137	11,137
1-Feb-19	The Vanguard Group, Inc.	BUY	10.70	Ordinary	2,555	2,555
1-Feb-19	The Vanguard Group, Inc.	BUY	10.70	Ordinary	6,570	6,570
1-Feb-19	The Vanguard Group, Inc.	BUY	10.70	Ordinary	6,750	6,750
1-Feb-19	The Vanguard Group, Inc.	BUY	10.70	Ordinary	7,875	7,875
1-Feb-19	The Vanguard Group, Inc.	BUY	10.70	Ordinary	10,262	10,262
1-Feb-19	The Vanguard Group, Inc.	BUY	10.68	Ordinary	10,523	10,523

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1-Feb-19	The Vanguard Group, Inc.	BUY	10.70	Ordinary	19,058	19,058
5-Feb-19	The Vanguard Group, Inc.	BUY	13.17	Ordinary	144,609	144,609
7-Feb-19	The Vanguard Group, Inc.	SELL	15.16	Ordinary	(122)	(122)
7-Feb-19	The Vanguard Group, Inc.	BUY	15.22	Ordinary	3,285	3,285
7-Feb-19	The Vanguard Group, Inc.	BUY	15.16	Ordinary	30,065	30,065
7-Feb-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(13,176)	(13,176)
8-Feb-19	The Vanguard Group, Inc.	BUY	15.21	Ordinary	723	723
8-Feb-19	The Vanguard Group, Inc.	BUY	15.34	Ordinary	5,108	5,108
8-Feb-19	The Vanguard Group, Inc.	BUY	15.21	Ordinary	79,852	79,852
9-Feb-19	The Vanguard Group, Inc.	BUY	14.26	Ordinary	16,372	16,372
10-Feb-19	The Vanguard Group, Inc.	BUY	14.49	Ordinary	3,371	3,371
10-Feb-19	The Vanguard Group, Inc.	BUY	14.28	Ordinary	25,392	25,392
10-Feb-19	The Vanguard Group, Inc.	BUY	14.28	Ordinary	1,212	1,212
12-Feb-19	The Vanguard Group, Inc.	BUY	14.69	Ordinary	26,726	26,726
13-Feb-19	The Vanguard Group, Inc.	SELL	12.02	Ordinary	(6,750)	(6,750)
15-Feb-19	The Vanguard Group, Inc.	SELL	12.86	Ordinary	(2,932)	(2,932)
15-Feb-19	The Vanguard Group, Inc.	SELL	12.61	Ordinary	(519)	(519)
18-Feb-19	The Vanguard Group, Inc.	BUY	12.91	Ordinary	5,780	5,780
20-Feb-19	The Vanguard Group, Inc.	BUY	12.79	Ordinary	970	970
20-Feb-19	The Vanguard Group, Inc.	BUY	12.82	Ordinary	21,997	21,997
20-Feb-19	The Vanguard Group, Inc.	BUY	12.79	Ordinary	27,933	27,933
20-Feb-19	The Vanguard Group, Inc.	BUY	12.82	Ordinary	54,565	54,565
21-Feb-19	The Vanguard Group, Inc.	SELL	12.77	Ordinary	(10,262)	(10,262)
21-Feb-19	The Vanguard Group, Inc.	SELL	12.77	Ordinary	(5,625)	(5,625)
22-Feb-19	The Vanguard Group, Inc.	SELL	12.90	Ordinary	(42,514)	(42,514)
25-Feb-19	The Vanguard Group, Inc.	BUY	12.91	Ordinary	8,589	8,589
26-Feb-19	The Vanguard Group, Inc.	BUY	12.88	Ordinary	871	871
26-Feb-19	The Vanguard Group, Inc.	BUY	12.86	Ordinary	9,425	9,425
26-Feb-19	The Vanguard Group, Inc.	BUY	12.83	Ordinary	24,926	24,926
28-Feb-19	The Vanguard Group, Inc.	BUY	12.80	Ordinary	60,081	60,081
28-Feb-19	The Vanguard Group, Inc.	SELL	12.69	Ordinary	(10,820)	(10,820)
1-Mar-19	The Vanguard Group, Inc.	BUY	10.70	Ordinary	5,625	5,625
1-Mar-19	The Vanguard Group, Inc.	BUY	10.77	Ordinary	26,754	26,754
4-Mar-19	The Vanguard Group, Inc.	BUY	13.29	Ordinary	60,814	60,814
5-Mar-19	The Vanguard Group, Inc.	BUY	13.15	Ordinary	2,210	2,210
5-Mar-19	The Vanguard Group, Inc.	BUY	13.14	Ordinary	3,381	3,381
6-Mar-19	The Vanguard Group, Inc.	BUY	13.57	Ordinary	3,650	3,650
7-Mar-19	The Vanguard Group, Inc.	BUY	15.46	Ordinary	17,566	17,566
12-Mar-19	The Vanguard Group, Inc.	BUY	14.48	Ordinary	4,111	4,111
13-Mar-19	The Vanguard Group, Inc.	BUY	13.30	Ordinary	48,745	48,745
14-Mar-19	The Vanguard Group, Inc.	BUY	13.26	Ordinary	360	360
15-Mar-19	The Vanguard Group, Inc.	SELL	13.31	Ordinary	(29,615)	(29,615)
15-Mar-19	The Vanguard Group, Inc.	SELL	13.31	Ordinary	(21,283)	(21,283)
15-Mar-19	The Vanguard Group, Inc.	SELL	13.31	Ordinary	(3,533)	(3,533)
15-Mar-19	The Vanguard Group, Inc.	BUY	13.32	Ordinary	32	32
15-Mar-19	The Vanguard Group, Inc.	BUY	13.33	Ordinary	228	228
15-Mar-19	The Vanguard Group, Inc.	BUY	13.32	Ordinary	926	926
15-Mar-19	The Vanguard Group, Inc.	BUY	13.33	Ordinary	6,432	6,432
15-Mar-19	The Vanguard Group, Inc.	BUY	13.32	Ordinary	863	863
15-Mar-19	The Vanguard Group, Inc.	BUY	13.33	Ordinary	6,022	6,022
18-Mar-19	The Vanguard Group, Inc.	BUY	13.38	Ordinary	5,110	5,110
19-Mar-19	The Vanguard Group, Inc.	BUY	13.32	Ordinary	11,519	11,519
20-Mar-19	The Vanguard Group, Inc.	BUY	13.29	Ordinary	5,655	5,655
21-Mar-19	The Vanguard Group, Inc.	BUY	13.24	Ordinary	595	595
21-Mar-19	The Vanguard Group, Inc.	BUY	13.25	Ordinary	1,272	1,272
25-Mar-19	The Vanguard Group, Inc.	SELL	13.40	Ordinary	(22,530)	(22,530)
26-Mar-19	The Vanguard Group, Inc.	BUY	13.58	Ordinary	72,907	72,907
27-Mar-19	The Vanguard Group, Inc.	SELL	13.49	Ordinary	(810)	(810)
27-Mar-19	The Vanguard Group, Inc.	BUY	13.43	Ordinary	772	772
27-Mar-19	The Vanguard Group, Inc.	BUY	13.47	Ordinary	34,172	34,172
27-Mar-19	The Vanguard Group, Inc.	BUY	13.43	Ordinary	91,291	91,291
27-Mar-19	The Vanguard Group, Inc.	SELL	13.50	Ordinary	(898)	(898)
28-Mar-19	The Vanguard Group, Inc.	SELL	13.46	Ordinary	(4,818)	(4,818)
29-Mar-19	The Vanguard Group, Inc.	SELL	13.35	Ordinary	(22,049)	(22,049)
29-Mar-19	The Vanguard Group, Inc.	SELL	13.36	Ordinary	(7,085)	(7,085)
29-Mar-19	The Vanguard Group, Inc.	BUY	13.35	Ordinary	52,546	52,546
1-Apr-19	The Vanguard Group, Inc.	BUY	10.78	Ordinary	1,057	1,057
1-Apr-19	The Vanguard Group, Inc.	BUY	10.72	Ordinary	26,654	26,654
1-Apr-19	The Vanguard Group, Inc.	BUY	10.72	Ordinary	66,665	66,665
2-Apr-19	The Vanguard Group, Inc.	SELL	11.73	Ordinary	(11,728)	(11,728)
2-Apr-19	The Vanguard Group, Inc.	SELL	11.73	Ordinary	(10,262)	(10,262)
3-Apr-19	The Vanguard Group, Inc.	SELL	13.10	Ordinary	(3,752)	(3,752)
3-Apr-19	The Vanguard Group, Inc.	BUY	13.10	Ordinary	1,876	1,876
3-Apr-19	The Vanguard Group, Inc.	BUY	13.10	Ordinary	22,954	22,954
4-Apr-19	The Vanguard Group, Inc.	SELL	13.09	Ordinary	(12,469)	(12,469)
4-Apr-19	The Vanguard Group, Inc.	BUY	13.09	Ordinary	3,381	3,381
4-Apr-19	The Vanguard Group, Inc.	BUY	13.23	Ordinary	39,798	39,798
6-Apr-19	The Vanguard Group, Inc.	SELL	13.69	Ordinary	(7,085)	(7,085)
6-Apr-19	The Vanguard Group, Inc.	BUY	13.66	Ordinary	8,580	8,580
7-Apr-19	The Vanguard Group, Inc.	BUY	15.73	Ordinary	14,644	14,644
10-Apr-19	The Vanguard Group, Inc.	BUY	14.22	Ordinary	636	636
10-Apr-19	The Vanguard Group, Inc.	BUY	14.12	Ordinary	2,516	2,516
10-Apr-19	The Vanguard Group, Inc.	BUY	14.25	Ordinary	1,212	1,212
11-Apr-19	The Vanguard Group, Inc.	SELL	14.31	Ordinary	(385)	(385)
11-Apr-19	The Vanguard Group, Inc.	BUY	14.34	Ordinary	8,417	8,417
11-Apr-19	The Vanguard Group, Inc.	BUY	14.48	Ordinary	27,971	27,971
12-Apr-19	The Vanguard Group, Inc.	BUY	14.24	Ordinary	1,452	1,452
12-Apr-19	The Vanguard Group, Inc.	BUY	14.25	Ordinary	2,920	2,920
12-Apr-19	The Vanguard Group, Inc.	BUY	14.21	Ordinary	4,635	4,635
12-Apr-19	The Vanguard Group, Inc.	BUY	14.24	Ordinary	15,716	15,716
15-Apr-19	The Vanguard Group, Inc.	SELL	13.03	Ordinary	(9,919)	(9,919)

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-Apr-19	The Vanguard Group, Inc.	SELL	12.93	Ordinary	(68,126)	(68,126)
16-Apr-19	The Vanguard Group, Inc.	BUY	12.82	Ordinary	53,190	53,190
16-Apr-19	The Vanguard Group, Inc.	BUY	12.93	Ordinary	60,553	60,553
16-Apr-19	The Vanguard Group, Inc.	BUY	12.93	Ordinary	96,360	96,360
16-Apr-19	The Vanguard Group, Inc.	BUY	12.82	Ordinary	1,224	1,224
18-Apr-19	The Vanguard Group, Inc.	SELL	12.76	Ordinary	(730,419)	(730,419)
18-Apr-19	The Vanguard Group, Inc.	BUY	12.71	Ordinary	21,411	21,411
18-Apr-19	The Vanguard Group, Inc.	BUY	12.76	Ordinary	730,419	730,419
23-Apr-19	The Vanguard Group, Inc.	SELL	12.90	Ordinary	(7,766)	(7,766)
23-Apr-19	The Vanguard Group, Inc.	SELL	12.95	Ordinary	(5,668)	(5,668)
23-Apr-19	The Vanguard Group, Inc.	BUY	12.95	Ordinary	6,570	6,570
24-Apr-19	The Vanguard Group, Inc.	BUY	13.16	Ordinary	395	395
24-Apr-19	The Vanguard Group, Inc.	BUY	13.24	Ordinary	1,385	1,385
24-Apr-19	The Vanguard Group, Inc.	BUY	13.16	Ordinary	72,185	72,185
25-Apr-19	The Vanguard Group, Inc.	SELL	13.26	Ordinary	(7,085)	(7,085)
26-Apr-19	The Vanguard Group, Inc.	SELL	13.62	Ordinary	(7,085)	(7,085)
26-Apr-19	The Vanguard Group, Inc.	BUY	13.62	Ordinary	8,865	8,865
26-Apr-19	The Vanguard Group, Inc.	BUY	13.62	Ordinary	9,425	9,425
26-Apr-19	The Vanguard Group, Inc.	BUY	13.62	Ordinary	26,595	26,595
26-Apr-19	The Vanguard Group, Inc.	SELL	13.41	Ordinary	(660)	(660)
29-Apr-19	The Vanguard Group, Inc.	BUY	13.32	Ordinary	17,242	17,242
29-Apr-19	The Vanguard Group, Inc.	BUY	13.50	Ordinary	39,650	39,650
30-Apr-19	The Vanguard Group, Inc.	BUY	13.20	Ordinary	1,896	1,896
2-May-19	The Vanguard Group, Inc.	SELL	11.77	Ordinary	(10,262)	(10,262)
2-May-19	The Vanguard Group, Inc.	BUY	11.69	Ordinary	3,672	3,672
2-May-19	The Vanguard Group, Inc.	BUY	11.77	Ordinary	4,015	4,015
3-May-19	The Vanguard Group, Inc.	SELL	13.08	Ordinary	(7,921)	(7,921)
3-May-19	The Vanguard Group, Inc.	BUY	13.08	Ordinary	11,310	11,310
3-May-19	The Vanguard Group, Inc.	BUY	13.08	Ordinary	42,945	42,945
4-May-19	The Vanguard Group, Inc.	BUY	12.91	Ordinary	7,300	7,300
4-May-19	The Vanguard Group, Inc.	BUY	12.91	Ordinary	8,597	8,597
4-May-19	The Vanguard Group, Inc.	BUY	12.91	Ordinary	25,791	25,791
6-May-19	The Vanguard Group, Inc.	SELL	13.55	Ordinary	(3,489)	(3,489)
6-May-19	The Vanguard Group, Inc.	SELL	13.18	Ordinary	(9,882)	(9,882)
7-May-19	The Vanguard Group, Inc.	BUY	16.14	Ordinary	7,540	7,540
7-May-19	The Vanguard Group, Inc.	BUY	13.20	Ordinary	7,272	7,272
8-May-19	The Vanguard Group, Inc.	SELL	14.86	Ordinary	(25,725)	(25,725)
8-May-19	The Vanguard Group, Inc.	SELL	14.86	Ordinary	(7,085)	(7,085)
8-May-19	The Vanguard Group, Inc.	SELL	14.86	Ordinary	(2,834)	(2,834)
8-May-19	The Vanguard Group, Inc.	BUY	14.96	Ordinary	2,064	2,064
8-May-19	The Vanguard Group, Inc.	BUY	14.86	Ordinary	3,650	3,650
8-May-19	The Vanguard Group, Inc.	BUY	14.86	Ordinary	6,385	6,385
8-May-19	The Vanguard Group, Inc.	SELL	13.03	Ordinary	(9,882)	(9,882)
9-May-19	The Vanguard Group, Inc.	BUY	14.00	Ordinary	68,752	68,752
9-May-19	The Vanguard Group, Inc.	BUY	14.00	Ordinary	85,940	85,940
11-May-19	The Vanguard Group, Inc.	BUY	14.21	Ordinary	7,300	7,300
12-May-19	The Vanguard Group, Inc.	SELL	14.36	Ordinary	(10,162)	(10,162)
12-May-19	The Vanguard Group, Inc.	SELL	14.36	Ordinary	(8,767)	(8,767)
12-May-19	The Vanguard Group, Inc.	BUY	14.44	Ordinary	9,180	9,180
13-May-19	The Vanguard Group, Inc.	BUY	13.23	Ordinary	7,932	7,932
14-May-19	The Vanguard Group, Inc.	BUY	13.35	Ordinary	661	661
14-May-19	The Vanguard Group, Inc.	BUY	13.37	Ordinary	4,500	4,500
14-May-19	The Vanguard Group, Inc.	SELL	13.37	Ordinary	(9,882)	(9,882)
15-May-19	The Vanguard Group, Inc.	BUY	13.32	Ordinary	21,529	21,529
16-May-19	The Vanguard Group, Inc.	BUY	13.56	Ordinary	254,173	254,173
17-May-19	The Vanguard Group, Inc.	BUY	13.71	Ordinary	736	736
17-May-19	The Vanguard Group, Inc.	BUY	13.71	Ordinary	26,785	26,785
20-May-19	The Vanguard Group, Inc.	BUY	13.52	Ordinary	3,650	3,650
21-May-19	The Vanguard Group, Inc.	SELL	13.42	Ordinary	(2,076)	(2,076)
21-May-19	The Vanguard Group, Inc.	BUY	13.82	Ordinary	7,639	7,639
22-May-19	The Vanguard Group, Inc.	BUY	13.71	Ordinary	7,692	7,692
22-May-19	The Vanguard Group, Inc.	BUY	13.72	Ordinary	34,284	34,284
23-May-19	The Vanguard Group, Inc.	BUY	13.81	Ordinary	58,895	58,895
24-May-19	The Vanguard Group, Inc.	BUY	13.85	Ordinary	3,177	3,177
28-May-19	The Vanguard Group, Inc.	BUY	13.72	Ordinary	7,234	7,234
28-May-19	The Vanguard Group, Inc.	BUY	13.61	Ordinary	9,425	9,425
29-May-19	The Vanguard Group, Inc.	SELL	13.46	Ordinary	(14,170)	(14,170)
29-May-19	The Vanguard Group, Inc.	SELL	13.50	Ordinary	(1,361)	(1,361)
29-May-19	The Vanguard Group, Inc.	BUY	13.50	Ordinary	2,553	2,553
29-May-19	The Vanguard Group, Inc.	BUY	13.64	Ordinary	6,033	6,033
30-May-19	The Vanguard Group, Inc.	BUY	13.28	Ordinary	813	813
30-May-19	The Vanguard Group, Inc.	BUY	13.35	Ordinary	105,527	105,527
31-May-19	The Vanguard Group, Inc.	SELL	13.40	Ordinary	(45,107)	(45,107)
31-May-19	The Vanguard Group, Inc.	BUY	13.37	Ordinary	57,057	57,057
3-Jun-19	The Vanguard Group, Inc.	BUY	13.07	Ordinary	1,184	1,184
3-Jun-19	The Vanguard Group, Inc.	BUY	13.07	Ordinary	10,262	10,262
5-Jun-19	The Vanguard Group, Inc.	SELL	13.66	Ordinary	(13,176)	(13,176)
5-Jun-19	The Vanguard Group, Inc.	SELL	13.66	Ordinary	(6,588)	(6,588)
5-Jun-19	The Vanguard Group, Inc.	SELL	13.62	Ordinary	(716)	(716)
6-Jun-19	The Vanguard Group, Inc.	SELL	14.00	Ordinary	(46,996)	(46,996)
6-Jun-19	The Vanguard Group, Inc.	BUY	13.81	Ordinary	52,893	52,893
8-Jun-19	The Vanguard Group, Inc.	SELL	14.46	Ordinary	(24,089)	(24,089)
8-Jun-19	The Vanguard Group, Inc.	SELL	14.46	Ordinary	(11,336)	(11,336)
8-Jun-19	The Vanguard Group, Inc.	SELL	14.36	Ordinary	(1,315)	(1,315)
8-Jun-19	The Vanguard Group, Inc.	BUY	14.36	Ordinary	1,782	1,782
8-Jun-19	The Vanguard Group, Inc.	BUY	14.40	Ordinary	26,379	26,379
8-Jun-19	The Vanguard Group, Inc.	BUY	14.50	Ordinary	65,298	65,298
8-Jun-19	The Vanguard Group, Inc.	BUY	14.46	Ordinary	1,212	1,212
9-Jun-19	The Vanguard Group, Inc.	SELL	13.94	Ordinary	(3,178)	(3,178)
9-Jun-19	The Vanguard Group, Inc.	SELL	13.94	Ordinary	(1,036)	(1,036)
9-Jun-19	The Vanguard Group, Inc.	BUY	13.68	Ordinary	2,710	2,710

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-Jun-19	The Vanguard Group, Inc.	BUY	13.66	Ordinary	34,376	34,376
11-Jun-19	The Vanguard Group, Inc.	BUY	14.15	Ordinary	3,650	3,650
11-Jun-19	The Vanguard Group, Inc.	SELL	14.42	Ordinary	(8,235)	(8,235)
12-Jun-19	The Vanguard Group, Inc.	BUY	14.44	Ordinary	1,911	1,911
12-Jun-19	The Vanguard Group, Inc.	BUY	14.44	Ordinary	29,223	29,223
13-Jun-19	The Vanguard Group, Inc.	BUY	14.61	Ordinary	1,460	1,460
14-Jun-19	The Vanguard Group, Inc.	BUY	14.66	Ordinary	1,264	1,264
14-Jun-19	The Vanguard Group, Inc.	BUY	14.66	Ordinary	1,264	1,264
14-Jun-19	The Vanguard Group, Inc.	SELL	14.66	Ordinary	(4,941)	(4,941)
17-Jun-19	The Vanguard Group, Inc.	SELL	14.57	Ordinary	(13,543)	(13,543)
18-Jun-19	The Vanguard Group, Inc.	BUY	14.63	Ordinary	50,412	50,412
18-Jun-19	The Vanguard Group, Inc.	SELL	14.65	Ordinary	(16,695)	(16,695)
19-Jun-19	The Vanguard Group, Inc.	SELL	14.86	Ordinary	(26,814)	(26,814)
19-Jun-19	The Vanguard Group, Inc.	BUY	14.84	Ordinary	32,291	32,291
20-Jun-19	The Vanguard Group, Inc.	BUY	15.03	Ordinary	3,650	3,650
21-Jun-19	The Vanguard Group, Inc.	SELL	15.08	Ordinary	(1,374)	(1,374)
21-Jun-19	The Vanguard Group, Inc.	SELL	15.08	Ordinary	(44,227)	(44,227)
21-Jun-19	The Vanguard Group, Inc.	BUY	15.08	Ordinary	1,825	1,825
21-Jun-19	The Vanguard Group, Inc.	BUY	15.08	Ordinary	1,835	1,835
21-Jun-19	The Vanguard Group, Inc.	BUY	15.08	Ordinary	4,752	4,752
21-Jun-19	The Vanguard Group, Inc.	BUY	15.08	Ordinary	15,192	15,192
21-Jun-19	The Vanguard Group, Inc.	BUY	15.08	Ordinary	19,880	19,880
21-Jun-19	The Vanguard Group, Inc.	BUY	15.08	Ordinary	63,542	63,542
24-Jun-19	The Vanguard Group, Inc.	BUY	15.27	Ordinary	10,216	10,216
25-Jun-19	The Vanguard Group, Inc.	BUY	15.41	Ordinary	2,190	2,190
25-Jun-19	The Vanguard Group, Inc.	BUY	15.50	Ordinary	3,116	3,116
25-Jun-19	The Vanguard Group, Inc.	BUY	15.41	Ordinary	3,285	3,285
25-Jun-19	The Vanguard Group, Inc.	BUY	15.30	Ordinary	46,954	46,954
25-Jun-19	The Vanguard Group, Inc.	SELL	15.41	Ordinary	(4,941)	(4,941)
26-Jun-19	The Vanguard Group, Inc.	BUY	15.45	Ordinary	951	951
26-Jun-19	The Vanguard Group, Inc.	BUY	15.29	Ordinary	2,555	2,555
26-Jun-19	The Vanguard Group, Inc.	BUY	15.38	Ordinary	3,489	3,489
26-Jun-19	The Vanguard Group, Inc.	BUY	15.29	Ordinary	4,380	4,380
26-Jun-19	The Vanguard Group, Inc.	BUY	15.38	Ordinary	5,042	5,042
27-Jun-19	The Vanguard Group, Inc.	SELL	15.25	Ordinary	(662)	(662)
27-Jun-19	The Vanguard Group, Inc.	BUY	15.22	Ordinary	18,514	18,514
28-Jun-19	The Vanguard Group, Inc.	BUY	15.03	Ordinary	46,826	46,826
28-Jun-19	The Vanguard Group, Inc.	BUY	15.06	Ordinary	6,320	6,320
1-Jul-19	The Vanguard Group, Inc.	BUY	10.76	Ordinary	2,250	2,250
2-Jul-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(284,777)	(284,777)
2-Jul-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(11,728)	(11,728)
2-Jul-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(4,500)	(4,500)
2-Jul-19	The Vanguard Group, Inc.	SELL	11.93	Ordinary	(4,500)	(4,500)
2-Jul-19	The Vanguard Group, Inc.	BUY	11.93	Ordinary	7,300	7,300
5-Jul-19	The Vanguard Group, Inc.	BUY	13.06	Ordinary	1,548	1,548
5-Jul-19	The Vanguard Group, Inc.	BUY	13.13	Ordinary	3,381	3,381
5-Jul-19	The Vanguard Group, Inc.	BUY	13.00	Ordinary	3,650	3,650
5-Jul-19	The Vanguard Group, Inc.	BUY	13.20	Ordinary	32,875	32,875
6-Jul-19	The Vanguard Group, Inc.	BUY	14.29	Ordinary	52,817	52,817
6-Jul-19	The Vanguard Group, Inc.	BUY	14.18	Ordinary	187,934	187,934
6-Jul-19	The Vanguard Group, Inc.	BUY	14.28	Ordinary	1,264	1,264
8-Jul-19	The Vanguard Group, Inc.	SELL	14.45	Ordinary	(75,807)	(75,807)
8-Jul-19	The Vanguard Group, Inc.	BUY	14.55	Ordinary	21,471	21,471
8-Jul-19	The Vanguard Group, Inc.	BUY	14.55	Ordinary	27,093	27,093
8-Jul-19	The Vanguard Group, Inc.	BUY	14.55	Ordinary	76,606	76,606
11-Jul-19	The Vanguard Group, Inc.	BUY	14.16	Ordinary	7,633	7,633
11-Jul-19	The Vanguard Group, Inc.	BUY	14.38	Ordinary	8,940	8,940
11-Jul-19	The Vanguard Group, Inc.	BUY	14.38	Ordinary	33,880	33,880
12-Jul-19	The Vanguard Group, Inc.	BUY	15.37	Ordinary	20,791	20,791
15-Jul-19	The Vanguard Group, Inc.	BUY	15.22	Ordinary	11,310	11,310
17-Jul-19	The Vanguard Group, Inc.	SELL	15.12	Ordinary	(1,530)	(1,530)
17-Jul-19	The Vanguard Group, Inc.	BUY	15.05	Ordinary	1,825	1,825
17-Jul-19	The Vanguard Group, Inc.	BUY	15.05	Ordinary	2,555	2,555
17-Jul-19	The Vanguard Group, Inc.	BUY	15.05	Ordinary	3,650	3,650
18-Jul-19	The Vanguard Group, Inc.	SELL	15.17	Ordinary	(77,175)	(77,175)
18-Jul-19	The Vanguard Group, Inc.	SELL	15.17	Ordinary	(51,450)	(51,450)
18-Jul-19	The Vanguard Group, Inc.	SELL	15.17	Ordinary	(17,150)	(17,150)
18-Jul-19	The Vanguard Group, Inc.	BUY	15.15	Ordinary	55,857	55,857
19-Jul-19	The Vanguard Group, Inc.	SELL	15.07	Ordinary	(102,900)	(102,900)
22-Jul-19	The Vanguard Group, Inc.	SELL	14.98	Ordinary	(51,450)	(51,450)
22-Jul-19	The Vanguard Group, Inc.	SELL	14.98	Ordinary	(34,300)	(34,300)
22-Jul-19	The Vanguard Group, Inc.	SELL	14.95	Ordinary	(28,756)	(28,756)
22-Jul-19	The Vanguard Group, Inc.	BUY	14.98	Ordinary	3,650	3,650
22-Jul-19	The Vanguard Group, Inc.	BUY	14.98	Ordinary	9,425	9,425
22-Jul-19	The Vanguard Group, Inc.	BUY	14.98	Ordinary	9,425	9,425
23-Jul-19	The Vanguard Group, Inc.	BUY	15.17	Ordinary	1,032	1,032
23-Jul-19	The Vanguard Group, Inc.	BUY	15.23	Ordinary	3,650	3,650
25-Jul-19	The Vanguard Group, Inc.	SELL	15.03	Ordinary	(42,875)	(42,875)
25-Jul-19	The Vanguard Group, Inc.	BUY	15.03	Ordinary	3,831	3,831
26-Jul-19	The Vanguard Group, Inc.	SELL	15.08	Ordinary	(6,380)	(6,380)
26-Jul-19	The Vanguard Group, Inc.	BUY	15.12	Ordinary	3,285	3,285
26-Jul-19	The Vanguard Group, Inc.	BUY	15.12	Ordinary	6,385	6,385
29-Jul-19	The Vanguard Group, Inc.	SELL	14.85	Ordinary	(35,416)	(35,416)
29-Jul-19	The Vanguard Group, Inc.	SELL	14.85	Ordinary	(17,150)	(17,150)
30-Jul-19	The Vanguard Group, Inc.	BUY	14.90	Ordinary	1,212	1,212
30-Jul-19	The Vanguard Group, Inc.	BUY	14.89	Ordinary	3,489	3,489
30-Jul-19	The Vanguard Group, Inc.	BUY	14.88	Ordinary	21,104	21,104
30-Jul-19	The Vanguard Group, Inc.	SELL	14.90	Ordinary	(6,588)	(6,588)
30-Jul-19	The Vanguard Group, Inc.	SELL	14.93	Ordinary	(768)	(768)
31-Jul-19	The Vanguard Group, Inc.	BUY	14.79	Ordinary	3,285	3,285
1-Aug-19	The Vanguard Group, Inc.	BUY	19.76	Ordinary	3,250	3,250

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-19	The Vanguard Group, Inc.	SELL	12.04	Ordinary	(14,625)	(14,625)
2-Aug-19	The Vanguard Group, Inc.	BUY	12.03	Ordinary	20,595	20,595
2-Aug-19	The Vanguard Group, Inc.	BUY	11.96	Ordinary	40,930	40,930
3-Aug-19	The Vanguard Group, Inc.	BUY	13.34	Ordinary	9,425	9,425
4-Aug-19	The Vanguard Group, Inc.	SELL	13.00	Ordinary	(17,004)	(17,004)
5-Aug-19	The Vanguard Group, Inc.	BUY	13.04	Ordinary	813	813
5-Aug-19	The Vanguard Group, Inc.	BUY	12.93	Ordinary	21,705	21,705
5-Aug-19	The Vanguard Group, Inc.	BUY	12.93	Ordinary	24,253	24,253
5-Aug-19	The Vanguard Group, Inc.	BUY	13.03	Ordinary	34,284	34,284
5-Aug-19	The Vanguard Group, Inc.	BUY	13.03	Ordinary	1,896	1,896
7-Aug-19	The Vanguard Group, Inc.	SELL	14.37	Ordinary	(384)	(384)
8-Aug-19	The Vanguard Group, Inc.	BUY	14.91	Ordinary	2,701	2,701
8-Aug-19	The Vanguard Group, Inc.	BUY	14.52	Ordinary	9,597	9,597
8-Aug-19	The Vanguard Group, Inc.	BUY	14.52	Ordinary	19,994	19,994
8-Aug-19	The Vanguard Group, Inc.	SELL	15.03	Ordinary	(8,235)	(8,235)
10-Aug-19	The Vanguard Group, Inc.	BUY	14.25	Ordinary	1,212	1,212
11-Aug-19	The Vanguard Group, Inc.	BUY	14.22	Ordinary	1,212	1,212
13-Aug-19	The Vanguard Group, Inc.	BUY	15.00	Ordinary	1,249	1,249
13-Aug-19	The Vanguard Group, Inc.	SELL	15.03	Ordinary	(11,529)	(11,529)
14-Aug-19	The Vanguard Group, Inc.	SELL	14.99	Ordinary	(3,535)	(3,535)
14-Aug-19	The Vanguard Group, Inc.	BUY	14.97	Ordinary	19,669	19,669
15-Aug-19	The Vanguard Group, Inc.	BUY	14.98	Ordinary	85,350	85,350
15-Aug-19	The Vanguard Group, Inc.	SELL	14.62	Ordinary	(9,882)	(9,882)
16-Aug-19	The Vanguard Group, Inc.	BUY	14.64	Ordinary	50,873	50,873
16-Aug-19	The Vanguard Group, Inc.	BUY	14.59	Ordinary	56,919	56,919
19-Aug-19	The Vanguard Group, Inc.	BUY	14.84	Ordinary	1,212	1,212
19-Aug-19	The Vanguard Group, Inc.	SELL	14.78	Ordinary	(1,296)	(1,296)
19-Aug-19	The Vanguard Group, Inc.	BUY	14.78	Ordinary	17,643	17,643
20-Aug-19	The Vanguard Group, Inc.	BUY	14.98	Ordinary	1,212	1,212
20-Aug-19	The Vanguard Group, Inc.	SELL	14.98	Ordinary	(42,835)	(42,835)
20-Aug-19	The Vanguard Group, Inc.	SELL	14.98	Ordinary	(5,668)	(5,668)
20-Aug-19	The Vanguard Group, Inc.	SELL	14.84	Ordinary	(2,620)	(2,620)
22-Aug-19	The Vanguard Group, Inc.	SELL	15.21	Ordinary	(13,883)	(13,883)
22-Aug-19	The Vanguard Group, Inc.	BUY	14.87	Ordinary	7,300	7,300
23-Aug-19	The Vanguard Group, Inc.	BUY	15.36	Ordinary	1,212	1,212
27-Aug-19	The Vanguard Group, Inc.	SELL	14.81	Ordinary	(6,942)	(6,942)
28-Aug-19	The Vanguard Group, Inc.	SELL	14.88	Ordinary	(10,198)	(10,198)
29-Aug-19	The Vanguard Group, Inc.	BUY	14.49	Ordinary	22,816	22,816
1-Sep-19	The Vanguard Group, Inc.	SELL	10.81	Ordinary	(56,293)	(56,293)
1-Sep-19	The Vanguard Group, Inc.	BUY	10.98	Ordinary	10,262	10,262
4-Sep-19	The Vanguard Group, Inc.	SELL	12.98	Ordinary	(9,687)	(9,687)
5-Sep-19	The Vanguard Group, Inc.	BUY	13.12	Ordinary	11,310	11,310
5-Sep-19	The Vanguard Group, Inc.	BUY	13.07	Ordinary	67,013	67,013
7-Sep-19	The Vanguard Group, Inc.	BUY	15.57	Ordinary	3,650	3,650
8-Sep-19	The Vanguard Group, Inc.	BUY	14.82	Ordinary	40,836	40,836
9-Sep-19	The Vanguard Group, Inc.	BUY	13.83	Ordinary	4,745	4,745
12-Sep-19	The Vanguard Group, Inc.	SELL	14.54	Ordinary	(12,999)	(12,999)
12-Sep-19	The Vanguard Group, Inc.	BUY	14.50	Ordinary	5,856	5,856
16-Sep-19	The Vanguard Group, Inc.	BUY	13.61	Ordinary	1,212	1,212
16-Sep-19	The Vanguard Group, Inc.	BUY	13.61	Ordinary	4,941	4,941
16-Sep-19	The Vanguard Group, Inc.	BUY	13.55	Ordinary	8,923	8,923
17-Sep-19	The Vanguard Group, Inc.	SELL	13.80	Ordinary	(25,845)	(25,845)
17-Sep-19	The Vanguard Group, Inc.	BUY	13.80	Ordinary	893	893
18-Sep-19	The Vanguard Group, Inc.	SELL	13.90	Ordinary	(51,690)	(51,690)
18-Sep-19	The Vanguard Group, Inc.	SELL	13.90	Ordinary	(8,615)	(8,615)
18-Sep-19	The Vanguard Group, Inc.	BUY	13.90	Ordinary	3,285	3,285
20-Sep-19	The Vanguard Group, Inc.	SELL	13.87	Ordinary	(71,490)	(71,490)
20-Sep-19	The Vanguard Group, Inc.	SELL	13.87	Ordinary	(48,465)	(48,465)
20-Sep-19	The Vanguard Group, Inc.	SELL	13.87	Ordinary	(2,501)	(2,501)
20-Sep-19	The Vanguard Group, Inc.	SELL	13.87	Ordinary	(1,585)	(1,585)
20-Sep-19	The Vanguard Group, Inc.	BUY	13.83	Ordinary	909	909
20-Sep-19	The Vanguard Group, Inc.	BUY	13.83	Ordinary	22,324	22,324
23-Sep-19	The Vanguard Group, Inc.	BUY	14.13	Ordinary	3,650	3,650
24-Sep-19	The Vanguard Group, Inc.	SELL	14.24	Ordinary	(1,469)	(1,469)
24-Sep-19	The Vanguard Group, Inc.	BUY	14.24	Ordinary	10,446	10,446
24-Sep-19	The Vanguard Group, Inc.	BUY	14.24	Ordinary	24,810	24,810
25-Sep-19	The Vanguard Group, Inc.	BUY	14.20	Ordinary	1,404	1,404
25-Sep-19	The Vanguard Group, Inc.	BUY	14.37	Ordinary	3,650	3,650
25-Sep-19	The Vanguard Group, Inc.	BUY	14.34	Ordinary	24,325	24,325
26-Sep-19	The Vanguard Group, Inc.	BUY	14.22	Ordinary	10,905	10,905
27-Sep-19	The Vanguard Group, Inc.	SELL	14.05	Ordinary	(801)	(801)
27-Sep-19	The Vanguard Group, Inc.	BUY	14.05	Ordinary	908	908
1-Oct-19	The Vanguard Group, Inc.	BUY	11.21	Ordinary	5,840	5,840
1-Oct-19	The Vanguard Group, Inc.	BUY	11.15	Ordinary	8,410	8,410
1-Oct-19	The Vanguard Group, Inc.	BUY	11.21	Ordinary	17,178	17,178
4-Oct-19	The Vanguard Group, Inc.	BUY	13.18	Ordinary	2,904	2,904
4-Oct-19	The Vanguard Group, Inc.	BUY	13.18	Ordinary	5,678	5,678
4-Oct-19	The Vanguard Group, Inc.	BUY	13.13	Ordinary	23,321	23,321
4-Oct-19	The Vanguard Group, Inc.	BUY	13.18	Ordinary	39,211	39,211
4-Oct-19	The Vanguard Group, Inc.	BUY	13.13	Ordinary	58,628	58,628
5-Oct-19	The Vanguard Group, Inc.	SELL	13.17	Ordinary	(28,090)	(28,090)
5-Oct-19	The Vanguard Group, Inc.	BUY	13.17	Ordinary	813	813
5-Oct-19	The Vanguard Group, Inc.	BUY	13.17	Ordinary	1,771	1,771
6-Oct-19	The Vanguard Group, Inc.	BUY	14.30	Ordinary	4,380	4,380
6-Oct-19	The Vanguard Group, Inc.	BUY	14.30	Ordinary	1,896	1,896
7-Oct-19	The Vanguard Group, Inc.	BUY	15.47	Ordinary	5,182	5,182
7-Oct-19	The Vanguard Group, Inc.	BUY	15.61	Ordinary	19,331	19,331
7-Oct-19	The Vanguard Group, Inc.	BUY	15.61	Ordinary	49,644	49,644
10-Oct-19	The Vanguard Group, Inc.	SELL	14.21	Ordinary	(10,346)	(10,346)
10-Oct-19	The Vanguard Group, Inc.	BUY	14.21	Ordinary	3,650	3,650
10-Oct-19	The Vanguard Group, Inc.	BUY	14.21	Ordinary	10,950	10,950

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-Oct-19	The Vanguard Group, Inc.	SELL	14.01	Ordinary	(623)	(623)
15-Oct-19	The Vanguard Group, Inc.	BUY	14.28	Ordinary	2,920	2,920
16-Oct-19	The Vanguard Group, Inc.	BUY	14.50	Ordinary	636	636
16-Oct-19	The Vanguard Group, Inc.	BUY	14.50	Ordinary	106,639	106,639
17-Oct-19	The Vanguard Group, Inc.	BUY	14.46	Ordinary	9,665	9,665
17-Oct-19	The Vanguard Group, Inc.	BUY	14.49	Ordinary	32,397	32,397
18-Oct-19	The Vanguard Group, Inc.	BUY	14.40	Ordinary	5,056	5,056
21-Oct-19	The Vanguard Group, Inc.	SELL	14.28	Ordinary	(2,307)	(2,307)
21-Oct-19	The Vanguard Group, Inc.	BUY	14.25	Ordinary	2,542	2,542
21-Oct-19	The Vanguard Group, Inc.	BUY	14.31	Ordinary	25,392	25,392
22-Oct-19	The Vanguard Group, Inc.	BUY	14.28	Ordinary	23,786	23,786
23-Oct-19	The Vanguard Group, Inc.	BUY	14.24	Ordinary	3,650	3,650
23-Oct-19	The Vanguard Group, Inc.	BUY	14.28	Ordinary	4,238	4,238
25-Oct-19	The Vanguard Group, Inc.	SELL	14.31	Ordinary	(20,400)	(20,400)
25-Oct-19	The Vanguard Group, Inc.	BUY	14.32	Ordinary	21,541	21,541
25-Oct-19	The Vanguard Group, Inc.	BUY	14.31	Ordinary	1,818	1,818
28-Oct-19	The Vanguard Group, Inc.	BUY	14.20	Ordinary	50,609	50,609
29-Oct-19	The Vanguard Group, Inc.	BUY	14.26	Ordinary	1,534	1,534
29-Oct-19	The Vanguard Group, Inc.	BUY	14.14	Ordinary	5,233	5,233
1-Nov-19	The Vanguard Group, Inc.	BUY	11.40	Ordinary	2,190	2,190
1-Nov-19	The Vanguard Group, Inc.	BUY	11.40	Ordinary	17,592	17,592
1-Nov-19	The Vanguard Group, Inc.	BUY	11.40	Ordinary	34,356	34,356
1-Nov-19	The Vanguard Group, Inc.	BUY	11.40	Ordinary	1,300	1,300
2-Nov-19	The Vanguard Group, Inc.	SELL	12.02	Ordinary	(10,125)	(10,125)
2-Nov-19	The Vanguard Group, Inc.	BUY	12.00	Ordinary	32,575	32,575
6-Nov-19	The Vanguard Group, Inc.	BUY	14.43	Ordinary	1,032	1,032
7-Nov-19	The Vanguard Group, Inc.	BUY	15.59	Ordinary	1,858	1,858
9-Nov-19	The Vanguard Group, Inc.	BUY	13.48	Ordinary	4,745	4,745
11-Nov-19	The Vanguard Group, Inc.	BUY	14.44	Ordinary	5,110	5,110
12-Nov-19	The Vanguard Group, Inc.	BUY	14.15	Ordinary	1,212	1,212
12-Nov-19	The Vanguard Group, Inc.	BUY	14.15	Ordinary	1,212	1,212
12-Nov-19	The Vanguard Group, Inc.	BUY	14.24	Ordinary	287	287
12-Nov-19	The Vanguard Group, Inc.	BUY	14.15	Ordinary	4,380	4,380
12-Nov-19	The Vanguard Group, Inc.	BUY	14.22	Ordinary	41,740	41,740
13-Nov-19	The Vanguard Group, Inc.	BUY	14.34	Ordinary	214	214
13-Nov-19	The Vanguard Group, Inc.	BUY	14.34	Ordinary	321	321
13-Nov-19	The Vanguard Group, Inc.	BUY	14.34	Ordinary	7,470	7,470
14-Nov-19	The Vanguard Group, Inc.	BUY	14.52	Ordinary	16,940	16,940
15-Nov-19	The Vanguard Group, Inc.	BUY	14.65	Ordinary	1,212	1,212
15-Nov-19	The Vanguard Group, Inc.	BUY	14.65	Ordinary	2,920	2,920
18-Nov-19	The Vanguard Group, Inc.	BUY	14.71	Ordinary	807	807
18-Nov-19	The Vanguard Group, Inc.	BUY	14.55	Ordinary	2,178	2,178
18-Nov-19	The Vanguard Group, Inc.	BUY	14.57	Ordinary	4,015	4,015
19-Nov-19	The Vanguard Group, Inc.	BUY	14.59	Ordinary	4,351	4,351
20-Nov-19	The Vanguard Group, Inc.	BUY	14.44	Ordinary	268	268
20-Nov-19	The Vanguard Group, Inc.	BUY	14.44	Ordinary	981	981
21-Nov-19	The Vanguard Group, Inc.	BUY	14.32	Ordinary	1,212	1,212
21-Nov-19	The Vanguard Group, Inc.	BUY	14.35	Ordinary	217	217
22-Nov-19	The Vanguard Group, Inc.	SELL	14.45	Ordinary	(1,365)	(1,365)
22-Nov-19	The Vanguard Group, Inc.	BUY	14.27	Ordinary	256	256
22-Nov-19	The Vanguard Group, Inc.	BUY	14.27	Ordinary	1,452	1,452
22-Nov-19	The Vanguard Group, Inc.	BUY	14.26	Ordinary	5,840	5,840
25-Nov-19	The Vanguard Group, Inc.	BUY	14.34	Ordinary	726	726
25-Nov-19	The Vanguard Group, Inc.	BUY	14.37	Ordinary	7,300	7,300
25-Nov-19	The Vanguard Group, Inc.	BUY	14.40	Ordinary	17,362	17,362
26-Nov-19	The Vanguard Group, Inc.	BUY	14.49	Ordinary	606	606
26-Nov-19	The Vanguard Group, Inc.	BUY	14.44	Ordinary	561	561
26-Nov-19	The Vanguard Group, Inc.	BUY	14.49	Ordinary	7,505	7,505
26-Nov-19	The Vanguard Group, Inc.	BUY	14.44	Ordinary	43,452	43,452
27-Nov-19	The Vanguard Group, Inc.	BUY	14.75	Ordinary	726	726
27-Nov-19	The Vanguard Group, Inc.	BUY	14.75	Ordinary	3,469	3,469
29-Nov-19	The Vanguard Group, Inc.	BUY	14.81	Ordinary	1,212	1,212
29-Nov-19	The Vanguard Group, Inc.	BUY	14.82	Ordinary	589	589
29-Nov-19	The Vanguard Group, Inc.	BUY	14.82	Ordinary	726	726
29-Nov-19	The Vanguard Group, Inc.	BUY	14.80	Ordinary	30,020	30,020
2-Dec-19	The Vanguard Group, Inc.	SELL	12.02	Ordinary	(84,878)	(84,878)
3-Dec-19	The Vanguard Group, Inc.	SELL	13.28	Ordinary	(5,768)	(5,768)
3-Dec-19	The Vanguard Group, Inc.	BUY	13.30	Ordinary	57,666	57,666
3-Dec-19	The Vanguard Group, Inc.	BUY	13.32	Ordinary	276,202	276,202
6-Dec-19	The Vanguard Group, Inc.	SELL	14.40	Ordinary	(23,607)	(23,607)
6-Dec-19	The Vanguard Group, Inc.	BUY	14.40	Ordinary	1,292	1,292
6-Dec-19	The Vanguard Group, Inc.	BUY	14.40	Ordinary	4,380	4,380
7-Dec-19	The Vanguard Group, Inc.	SELL	15.36	Ordinary	(24,890)	(24,890)
7-Dec-19	The Vanguard Group, Inc.	BUY	15.37	Ordinary	46,199	46,199
8-Dec-19	The Vanguard Group, Inc.	BUY	15.09	Ordinary	992	992
8-Dec-19	The Vanguard Group, Inc.	BUY	15.05	Ordinary	5,840	5,840
9-Dec-19	The Vanguard Group, Inc.	BUY	13.73	Ordinary	3,650	3,650
9-Dec-19	The Vanguard Group, Inc.	BUY	13.70	Ordinary	43,472	43,472
12-Dec-19	The Vanguard Group, Inc.	SELL	14.07	Ordinary	(1,189)	(1,189)
12-Dec-19	The Vanguard Group, Inc.	BUY	14.02	Ordinary	3,921	3,921
12-Dec-19	The Vanguard Group, Inc.	BUY	14.02	Ordinary	5,475	5,475
16-Dec-19	The Vanguard Group, Inc.	BUY	13.90	Ordinary	1,212	1,212
17-Dec-19	The Vanguard Group, Inc.	SELL	13.94	Ordinary	(552,731)	(552,731)
17-Dec-19	The Vanguard Group, Inc.	BUY	13.94	Ordinary	327	327
17-Dec-19	The Vanguard Group, Inc.	BUY	13.93	Ordinary	4,015	4,015
17-Dec-19	The Vanguard Group, Inc.	BUY	14.05	Ordinary	4,768	4,768
17-Dec-19	The Vanguard Group, Inc.	BUY	13.93	Ordinary	7,300	7,300
20-Dec-19	The Vanguard Group, Inc.	SELL	13.74	Ordinary	(23,782)	(23,782)
20-Dec-19	The Vanguard Group, Inc.	BUY	13.73	Ordinary	1,248	1,248
20-Dec-19	The Vanguard Group, Inc.	BUY	13.79	Ordinary	3,282	3,282
20-Dec-19	The Vanguard Group, Inc.	BUY	13.73	Ordinary	5,091	5,091



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23-Dec-19	The Vanguard Group, Inc.	SELL	13.48	Ordinary	(6,640)	(6,640)
23-Dec-19	The Vanguard Group, Inc.	BUY	13.61	Ordinary	5,727	5,727
23-Dec-19	The Vanguard Group, Inc.	BUY	13.61	Ordinary	23,940	23,940
23-Dec-19	The Vanguard Group, Inc.	BUY	13.61	Ordinary	26,726	26,726
24-Dec-19	The Vanguard Group, Inc.	BUY	13.71	Ordinary	1,452	1,452
24-Dec-19	The Vanguard Group, Inc.	BUY	13.71	Ordinary	11,454	11,454
24-Dec-19	The Vanguard Group, Inc.	BUY	13.71	Ordinary	47,880	47,880
26-Dec-19	The Vanguard Group, Inc.	BUY	13.72	Ordinary	28,635	28,635
27-Dec-19	The Vanguard Group, Inc.	BUY	13.70	Ordinary	1,212	1,212
27-Dec-19	The Vanguard Group, Inc.	BUY	13.74	Ordinary	2,117	2,117
27-Dec-19	The Vanguard Group, Inc.	BUY	13.68	Ordinary	21,058	21,058
27-Dec-19	The Vanguard Group, Inc.	BUY	13.70	Ordinary	31,920	31,920
30-Dec-19	The Vanguard Group, Inc.	SELL	13.65	Ordinary	(21,030)	(21,030)
30-Dec-19	The Vanguard Group, Inc.	SELL	13.65	Ordinary	(2,102)	(2,102)
30-Dec-19	The Vanguard Group, Inc.	BUY	13.65	Ordinary	726	726
30-Dec-19	The Vanguard Group, Inc.	BUY	13.67	Ordinary	3,559	3,559
30-Dec-19	The Vanguard Group, Inc.	BUY	13.62	Ordinary	3,650	3,650
30-Dec-19	The Vanguard Group, Inc.	BUY	13.65	Ordinary	4,903	4,903
31-Dec-19	The Vanguard Group, Inc.	BUY	13.39	Ordinary	52,131	52,131
4-Jan-20	The Vanguard Group, Inc.	BUY	12.46	Ordinary	2,208	2,208
4-Jan-20	The Vanguard Group, Inc.	BUY	12.46	Ordinary	6,852	6,852
5-Jan-20	The Vanguard Group, Inc.	SELL	12.87	Ordinary	(24,576)	(24,576)
5-Jan-20	The Vanguard Group, Inc.	SELL	12.87	Ordinary	(8,060)	(8,060)
5-Jan-20	The Vanguard Group, Inc.	SELL	12.87	Ordinary	(6,800)	(6,800)
6-Jan-20	The Vanguard Group, Inc.	BUY	15.42	Ordinary	8,500	8,500
9-Jan-20	The Vanguard Group, Inc.	SELL	18.03	Ordinary	(717,715)	(717,715)
9-Jan-20	The Vanguard Group, Inc.	SELL	18.01	Ordinary	(41,753)	(41,753)
9-Jan-20	The Vanguard Group, Inc.	BUY	18.03	Ordinary	717,715	717,715
12-Jan-20	The Vanguard Group, Inc.	BUY	19.03	Ordinary	694	694
12-Jan-20	The Vanguard Group, Inc.	BUY	19.03	Ordinary	1,388	1,388
12-Jan-20	The Vanguard Group, Inc.	BUY	19.03	Ordinary	2,822	2,822
13-Jan-20	The Vanguard Group, Inc.	BUY	14.08	Ordinary	3,461	3,461
14-Jan-20	The Vanguard Group, Inc.	SELL	14.15	Ordinary	(28,628)	(28,628)
15-Jan-20	The Vanguard Group, Inc.	BUY	14.25	Ordinary	1,137	1,137
15-Jan-20	The Vanguard Group, Inc.	BUY	14.28	Ordinary	15,272	15,272
16-Jan-20	The Vanguard Group, Inc.	BUY	14.46	Ordinary	726	726
16-Jan-20	The Vanguard Group, Inc.	BUY	14.53	Ordinary	17,181	17,181
16-Jan-20	The Vanguard Group, Inc.	BUY	14.35	Ordinary	46,877	46,877
17-Jan-20	The Vanguard Group, Inc.	BUY	14.71	Ordinary	606	606
17-Jan-20	The Vanguard Group, Inc.	BUY	14.65	Ordinary	2,345	2,345
17-Jan-20	The Vanguard Group, Inc.	BUY	14.71	Ordinary	15,272	15,272
17-Jan-20	The Vanguard Group, Inc.	BUY	14.71	Ordinary	17,181	17,181
20-Jan-20	The Vanguard Group, Inc.	BUY	14.70	Ordinary	3,895	3,895
21-Jan-20	The Vanguard Group, Inc.	BUY	14.81	Ordinary	8,826	8,826
21-Jan-20	The Vanguard Group, Inc.	BUY	14.81	Ordinary	17,652	17,652
21-Jan-20	The Vanguard Group, Inc.	BUY	14.81	Ordinary	19,605	19,605
21-Jan-20	The Vanguard Group, Inc.	BUY	14.81	Ordinary	1,818	1,818
22-Jan-20	The Vanguard Group, Inc.	BUY	14.89	Ordinary	3,461	3,461
22-Jan-20	The Vanguard Group, Inc.	BUY	14.83	Ordinary	11,454	11,454
22-Jan-20	The Vanguard Group, Inc.	BUY	14.96	Ordinary	39,741	39,741
23-Jan-20	The Vanguard Group, Inc.	BUY	14.98	Ordinary	726	726
23-Jan-20	The Vanguard Group, Inc.	BUY	14.98	Ordinary	1,452	1,452
23-Jan-20	The Vanguard Group, Inc.	BUY	15.08	Ordinary	3,650	3,650
23-Jan-20	The Vanguard Group, Inc.	BUY	15.08	Ordinary	9,550	9,550
24-Jan-20	The Vanguard Group, Inc.	BUY	15.02	Ordinary	1,111	1,111
28-Jan-20	The Vanguard Group, Inc.	SELL	14.85	Ordinary	(7,312)	(7,312)
28-Jan-20	The Vanguard Group, Inc.	BUY	14.91	Ordinary	5,808	5,808
28-Jan-20	The Vanguard Group, Inc.	BUY	14.91	Ordinary	100,631	100,631
29-Jan-20	The Vanguard Group, Inc.	BUY	15.00	Ordinary	1,452	1,452
30-Jan-20	The Vanguard Group, Inc.	BUY	14.95	Ordinary	726	726
30-Jan-20	The Vanguard Group, Inc.	BUY	14.95	Ordinary	726	726
30-Jan-20	The Vanguard Group, Inc.	BUY	14.95	Ordinary	3,908	3,908
30-Jan-20	The Vanguard Group, Inc.	BUY	15.03	Ordinary	47,507	47,507
31-Jan-20	The Vanguard Group, Inc.	BUY	14.79	Ordinary	1,212	1,212
31-Jan-20	The Vanguard Group, Inc.	BUY	14.89	Ordinary	4,904	4,904
31-Jan-20	The Vanguard Group, Inc.	BUY	14.79	Ordinary	11,676	11,676
31-Jan-20	The Vanguard Group, Inc.	BUY	14.79	Ordinary	11,676	11,676
31-Jan-20	The Vanguard Group, Inc.	BUY	14.89	Ordinary	31,364	31,364
1-Feb-20	The Vanguard Group, Inc.	BUY	13.44	Ordinary	1,212	1,212
1-Feb-20	The Vanguard Group, Inc.	BUY	13.44	Ordinary	726	726
1-Feb-20	The Vanguard Group, Inc.	BUY	13.43	Ordinary	6,463	6,463
1-Feb-20	The Vanguard Group, Inc.	BUY	13.44	Ordinary	24,009	24,009
3-Feb-20	The Vanguard Group, Inc.	SELL	15.34	Ordinary	(15,568)	(15,568)
3-Feb-20	The Vanguard Group, Inc.	SELL	14.46	Ordinary	(952)	(952)
4-Feb-20	The Vanguard Group, Inc.	BUY	12.29	Ordinary	3,650	3,650
4-Feb-20	The Vanguard Group, Inc.	BUY	12.29	Ordinary	1,818	1,818
6-Feb-20	The Vanguard Group, Inc.	BUY	15.34	Ordinary	14,305	14,305
6-Feb-20	The Vanguard Group, Inc.	BUY	15.28	Ordinary	25,500	25,500
6-Feb-20	The Vanguard Group, Inc.	BUY	15.24	Ordinary	36,338	36,338
7-Feb-20	The Vanguard Group, Inc.	BUY	15.63	Ordinary	727	727
9-Feb-20	The Vanguard Group, Inc.	SELL	18.28	Ordinary	(772)	(772)
9-Feb-20	The Vanguard Group, Inc.	BUY	18.56	Ordinary	3,900	3,900
9-Feb-20	The Vanguard Group, Inc.	BUY	18.43	Ordinary	18,467	18,467
9-Feb-20	The Vanguard Group, Inc.	BUY	18.56	Ordinary	1,827	1,827
10-Feb-20	The Vanguard Group, Inc.	BUY	18.10	Ordinary	164	164
10-Feb-20	The Vanguard Group, Inc.	BUY	18.12	Ordinary	547	547
10-Feb-20	The Vanguard Group, Inc.	BUY	18.19	Ordinary	12,288	12,288
11-Feb-20	The Vanguard Group, Inc.	BUY	18.67	Ordinary	1,218	1,218
11-Feb-20	The Vanguard Group, Inc.	SELL	18.67	Ordinary	(40,970)	(40,970)
11-Feb-20	The Vanguard Group, Inc.	SELL	18.67	Ordinary	(32,776)	(32,776)
11-Feb-20	The Vanguard Group, Inc.	BUY	19.36	Ordinary	426	426

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11-Feb-20	The Vanguard Group, Inc.	BUY	18.61	Ordinary	2,052	2,052
11-Feb-20	The Vanguard Group, Inc.	BUY	18.61	Ordinary	8,376	8,376
12-Feb-20	The Vanguard Group, Inc.	BUY	18.53	Ordinary	2,274	2,274
12-Feb-20	The Vanguard Group, Inc.	BUY	18.53	Ordinary	14,356	14,356
13-Feb-20	The Vanguard Group, Inc.	SELL	16.60	Ordinary	(258)	(258)
13-Feb-20	The Vanguard Group, Inc.	BUY	16.30	Ordinary	726	726
13-Feb-20	The Vanguard Group, Inc.	BUY	16.30	Ordinary	726	726
13-Feb-20	The Vanguard Group, Inc.	BUY	16.31	Ordinary	25,298	25,298
14-Feb-20	The Vanguard Group, Inc.	BUY	16.47	Ordinary	11,676	11,676
14-Feb-20	The Vanguard Group, Inc.	BUY	16.59	Ordinary	38,510	38,510
14-Feb-20	The Vanguard Group, Inc.	BUY	16.47	Ordinary	1,818	1,818
18-Feb-20	The Vanguard Group, Inc.	BUY	16.56	Ordinary	5,302	5,302
19-Feb-20	The Vanguard Group, Inc.	BUY	16.63	Ordinary	9,730	9,730
19-Feb-20	The Vanguard Group, Inc.	BUY	16.62	Ordinary	36,132	36,132
19-Feb-20	The Vanguard Group, Inc.	BUY	16.61	Ordinary	49,962	49,962
20-Feb-20	The Vanguard Group, Inc.	BUY	16.47	Ordinary	24,220	24,220
20-Feb-20	The Vanguard Group, Inc.	BUY	16.69	Ordinary	36,068	36,068
21-Feb-20	The Vanguard Group, Inc.	BUY	16.39	Ordinary	2,497	2,497
21-Feb-20	The Vanguard Group, Inc.	BUY	16.53	Ordinary	9,030	9,030
21-Feb-20	The Vanguard Group, Inc.	BUY	16.33	Ordinary	15,568	15,568
21-Feb-20	The Vanguard Group, Inc.	BUY	16.53	Ordinary	37,982	37,982
24-Feb-20	The Vanguard Group, Inc.	BUY	15.94	Ordinary	1,212	1,212
24-Feb-20	The Vanguard Group, Inc.	SELL	15.94	Ordinary	(8,500)	(8,500)
25-Feb-20	The Vanguard Group, Inc.	SELL	15.81	Ordinary	(33,628)	(33,628)
25-Feb-20	The Vanguard Group, Inc.	SELL	15.79	Ordinary	(7,388)	(7,388)
25-Feb-20	The Vanguard Group, Inc.	SELL	15.49	Ordinary	(6,140)	(6,140)
25-Feb-20	The Vanguard Group, Inc.	SELL	15.49	Ordinary	(3,400)	(3,400)
25-Feb-20	The Vanguard Group, Inc.	BUY	15.76	Ordinary	855	855
25-Feb-20	The Vanguard Group, Inc.	BUY	15.49	Ordinary	11,676	11,676
25-Feb-20	The Vanguard Group, Inc.	BUY	15.76	Ordinary	52,835	52,835
26-Feb-20	The Vanguard Group, Inc.	BUY	15.36	Ordinary	3,702	3,702
26-Feb-20	The Vanguard Group, Inc.	BUY	15.46	Ordinary	26,402	26,402
26-Feb-20	The Vanguard Group, Inc.	BUY	15.36	Ordinary	37,614	37,614
26-Feb-20	The Vanguard Group, Inc.	BUY	15.46	Ordinary	37,632	37,632
26-Feb-20	The Vanguard Group, Inc.	BUY	15.46	Ordinary	51,878	51,878
27-Feb-20	The Vanguard Group, Inc.	SELL	15.21	Ordinary	(40,150)	(40,150)
27-Feb-20	The Vanguard Group, Inc.	BUY	15.55	Ordinary	192	192
27-Feb-20	The Vanguard Group, Inc.	BUY	15.21	Ordinary	6,935	6,935
27-Feb-20	The Vanguard Group, Inc.	BUY	15.24	Ordinary	38,319	38,319
28-Feb-20	The Vanguard Group, Inc.	SELL	15.07	Ordinary	(16,060)	(16,060)
28-Feb-20	The Vanguard Group, Inc.	SELL	14.98	Ordinary	(6,632)	(6,632)
28-Feb-20	The Vanguard Group, Inc.	BUY	14.92	Ordinary	19,714	19,714
28-Feb-20	The Vanguard Group, Inc.	BUY	15.02	Ordinary	20,024	20,024
28-Feb-20	The Vanguard Group, Inc.	BUY	14.92	Ordinary	23,350	23,350
28-Feb-20	The Vanguard Group, Inc.	BUY	15.02	Ordinary	23,719	23,719
28-Feb-20	The Vanguard Group, Inc.	BUY	14.98	Ordinary	84,451	84,451
1-Mar-20	The Vanguard Group, Inc.	BUY	13.54	Ordinary	1,212	1,212
1-Mar-20	The Vanguard Group, Inc.	BUY	13.57	Ordinary	28,487	28,487
2-Mar-20	The Vanguard Group, Inc.	BUY	14.94	Ordinary	10,383	10,383
2-Mar-20	The Vanguard Group, Inc.	BUY	14.94	Ordinary	12,775	12,775
2-Mar-20	The Vanguard Group, Inc.	BUY	14.86	Ordinary	39,903	39,903
3-Mar-20	The Vanguard Group, Inc.	BUY	15.23	Ordinary	1,212	1,212
3-Mar-20	The Vanguard Group, Inc.	BUY	15.47	Ordinary	726	726
3-Mar-20	The Vanguard Group, Inc.	BUY	15.47	Ordinary	1,200	1,200
4-Mar-20	The Vanguard Group, Inc.	SELL	12.39	Ordinary	(2,333)	(2,333)
4-Mar-20	The Vanguard Group, Inc.	BUY	12.40	Ordinary	23,414	23,414
6-Mar-20	The Vanguard Group, Inc.	BUY	15.34	Ordinary	771	771
6-Mar-20	The Vanguard Group, Inc.	BUY	15.44	Ordinary	1,827	1,827
7-Mar-20	The Vanguard Group, Inc.	BUY	15.95	Ordinary	199	199
8-Mar-20	The Vanguard Group, Inc.	SELL	17.04	Ordinary	(24,627)	(24,627)
8-Mar-20	The Vanguard Group, Inc.	BUY	16.82	Ordinary	2,228	2,228
8-Mar-20	The Vanguard Group, Inc.	BUY	16.94	Ordinary	10,323	10,323
9-Mar-20	The Vanguard Group, Inc.	BUY	18.62	Ordinary	717	717
9-Mar-20	The Vanguard Group, Inc.	BUY	18.62	Ordinary	2,816	2,816
9-Mar-20	The Vanguard Group, Inc.	BUY	18.52	Ordinary	2,899	2,899
9-Mar-20	The Vanguard Group, Inc.	BUY	18.29	Ordinary	3,900	3,900
11-Mar-20	The Vanguard Group, Inc.	BUY	18.78	Ordinary	3,654	3,654
12-Mar-20	The Vanguard Group, Inc.	BUY	18.49	Ordinary	1,474	1,474
12-Mar-20	The Vanguard Group, Inc.	BUY	18.55	Ordinary	13,370	13,370
13-Mar-20	The Vanguard Group, Inc.	BUY	14.32	Ordinary	606	606
13-Mar-20	The Vanguard Group, Inc.	BUY	13.76	Ordinary	551	551
13-Mar-20	The Vanguard Group, Inc.	BUY	14.32	Ordinary	10,024	10,024
13-Mar-20	The Vanguard Group, Inc.	BUY	12.35	Ordinary	124,954	124,954
13-Mar-20	The Vanguard Group, Inc.	BUY	13.76	Ordinary	132,987	132,987
13-Mar-20	The Vanguard Group, Inc.	BUY	14.32	Ordinary	3,030	3,030
16-Mar-20	The Vanguard Group, Inc.	SELL	11.47	Ordinary	(32,120)	(32,120)
16-Mar-20	The Vanguard Group, Inc.	SELL	11.47	Ordinary	(5,348)	(5,348)
16-Mar-20	The Vanguard Group, Inc.	SELL	11.47	Ordinary	(5,100)	(5,100)
16-Mar-20	The Vanguard Group, Inc.	BUY	12.05	Ordinary	726	726
16-Mar-20	The Vanguard Group, Inc.	BUY	12.05	Ordinary	1,167	1,167
16-Mar-20	The Vanguard Group, Inc.	BUY	12.77	Ordinary	1,452	1,452
16-Mar-20	The Vanguard Group, Inc.	BUY	12.05	Ordinary	3,472	3,472
17-Mar-20	The Vanguard Group, Inc.	SELL	12.44	Ordinary	(24,090)	(24,090)
17-Mar-20	The Vanguard Group, Inc.	SELL	12.44	Ordinary	(19,460)	(19,460)
17-Mar-20	The Vanguard Group, Inc.	SELL	12.44	Ordinary	(15,568)	(15,568)
17-Mar-20	The Vanguard Group, Inc.	SELL	12.44	Ordinary	(6,800)	(6,800)
17-Mar-20	The Vanguard Group, Inc.	SELL	11.98	Ordinary	(1,306)	(1,306)
17-Mar-20	The Vanguard Group, Inc.	BUY	11.98	Ordinary	674	674
17-Mar-20	The Vanguard Group, Inc.	BUY	11.71	Ordinary	1,105	1,105
17-Mar-20	The Vanguard Group, Inc.	BUY	12.44	Ordinary	3,285	3,285
17-Mar-20	The Vanguard Group, Inc.	BUY	12.44	Ordinary	3,650	3,650

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-20	The Vanguard Group, Inc.	BUY	12.44	Ordinary	26,638	26,638
17-Mar-20	The Vanguard Group, Inc.	BUY	11.71	Ordinary	164,153	164,153
18-Mar-20	The Vanguard Group, Inc.	BUY	11.36	Ordinary	726	726
18-Mar-20	The Vanguard Group, Inc.	BUY	11.36	Ordinary	1,452	1,452
18-Mar-20	The Vanguard Group, Inc.	BUY	11.74	Ordinary	3,243	3,243
18-Mar-20	The Vanguard Group, Inc.	BUY	11.66	Ordinary	166,493	166,493
18-Mar-20	The Vanguard Group, Inc.	BUY	11.72	Ordinary	2,424	2,424
19-Mar-20	The Vanguard Group, Inc.	BUY	9.68	Ordinary	1,212	1,212
19-Mar-20	The Vanguard Group, Inc.	BUY	11.69	Ordinary	228	228
19-Mar-20	The Vanguard Group, Inc.	BUY	9.68	Ordinary	6,935	6,935
19-Mar-20	The Vanguard Group, Inc.	BUY	11.69	Ordinary	172,454	172,454
20-Mar-20	The Vanguard Group, Inc.	BUY	11.35	Ordinary	1,212	1,212
20-Mar-20	The Vanguard Group, Inc.	SELL	11.48	Ordinary	(45,523)	(45,523)
20-Mar-20	The Vanguard Group, Inc.	SELL	11.48	Ordinary	(43,581)	(43,581)
20-Mar-20	The Vanguard Group, Inc.	SELL	11.35	Ordinary	(24,090)	(24,090)
20-Mar-20	The Vanguard Group, Inc.	SELL	11.35	Ordinary	(8,500)	(8,500)
20-Mar-20	The Vanguard Group, Inc.	SELL	11.48	Ordinary	(2,506)	(2,506)
20-Mar-20	The Vanguard Group, Inc.	BUY	11.44	Ordinary	726	726
20-Mar-20	The Vanguard Group, Inc.	BUY	11.35	Ordinary	5,608	5,608
20-Mar-20	The Vanguard Group, Inc.	BUY	11.39	Ordinary	152,920	152,920
23-Mar-20	The Vanguard Group, Inc.	SELL	10.24	Ordinary	(6,800)	(6,800)
23-Mar-20	The Vanguard Group, Inc.	SELL	10.33	Ordinary	(1,193)	(1,193)
23-Mar-20	The Vanguard Group, Inc.	BUY	10.16	Ordinary	726	726
23-Mar-20	The Vanguard Group, Inc.	BUY	10.16	Ordinary	3,475	3,475
23-Mar-20	The Vanguard Group, Inc.	BUY	10.24	Ordinary	16,245	16,245
24-Mar-20	The Vanguard Group, Inc.	SELL	10.59	Ordinary	(14,608)	(14,608)
24-Mar-20	The Vanguard Group, Inc.	BUY	11.38	Ordinary	726	726
24-Mar-20	The Vanguard Group, Inc.	BUY	10.54	Ordinary	118,199	118,199
25-Mar-20	The Vanguard Group, Inc.	SELL	11.99	Ordinary	(5,348)	(5,348)
25-Mar-20	The Vanguard Group, Inc.	BUY	11.74	Ordinary	1,211	1,211
25-Mar-20	The Vanguard Group, Inc.	BUY	11.72	Ordinary	40,044	40,044
25-Mar-20	The Vanguard Group, Inc.	BUY	11.72	Ordinary	104,993	104,993
26-Mar-20	The Vanguard Group, Inc.	SELL	13.05	Ordinary	(5,100)	(5,100)
27-Mar-20	The Vanguard Group, Inc.	BUY	11.13	Ordinary	600	600
27-Mar-20	The Vanguard Group, Inc.	BUY	11.13	Ordinary	1,472	1,472
27-Mar-20	The Vanguard Group, Inc.	BUY	11.13	Ordinary	1,472	1,472
27-Mar-20	The Vanguard Group, Inc.	BUY	11.13	Ordinary	25,341	25,341
27-Mar-20	The Vanguard Group, Inc.	BUY	11.13	Ordinary	60,728	60,728
30-Mar-20	The Vanguard Group, Inc.	BUY	11.93	Ordinary	3,427	3,427
30-Mar-20	The Vanguard Group, Inc.	BUY	11.93	Ordinary	11,776	11,776
31-Mar-20	The Vanguard Group, Inc.	BUY	12.10	Ordinary	758	758
31-Mar-20	The Vanguard Group, Inc.	BUY	11.92	Ordinary	8,046	8,046
31-Mar-20	The Vanguard Group, Inc.	BUY	12.10	Ordinary	18,525	18,525
31-Mar-20	The Vanguard Group, Inc.	BUY	12.45	Ordinary	29,361	29,361
31-Mar-20	The Vanguard Group, Inc.	BUY	11.92	Ordinary	40,230	40,230
2-Apr-20	The Vanguard Group, Inc.	SELL	15.02	Ordinary	(11,768)	(11,768)
2-Apr-20	The Vanguard Group, Inc.	BUY	15.00	Ordinary	201	201
2-Apr-20	The Vanguard Group, Inc.	BUY	15.00	Ordinary	2,178	2,178
2-Apr-20	The Vanguard Group, Inc.	BUY	15.00	Ordinary	3,954	3,954
2-Apr-20	The Vanguard Group, Inc.	BUY	15.02	Ordinary	5,348	5,348
2-Apr-20	The Vanguard Group, Inc.	BUY	15.02	Ordinary	6,570	6,570
2-Apr-20	The Vanguard Group, Inc.	BUY	15.02	Ordinary	21,392	21,392
3-Apr-20	The Vanguard Group, Inc.	SELL	15.38	Ordinary	(24,090)	(24,090)
3-Apr-20	The Vanguard Group, Inc.	BUY	15.15	Ordinary	706	706
3-Apr-20	The Vanguard Group, Inc.	BUY	15.15	Ordinary	726	726
3-Apr-20	The Vanguard Group, Inc.	BUY	15.15	Ordinary	726	726
3-Apr-20	The Vanguard Group, Inc.	BUY	15.15	Ordinary	1,452	1,452
3-Apr-20	The Vanguard Group, Inc.	BUY	15.38	Ordinary	1,818	1,818
3-Apr-20	The Vanguard Group, Inc.	BUY	15.38	Ordinary	2,424	2,424
5-Apr-20	The Vanguard Group, Inc.	SELL	13.36	Ordinary	(40,435)	(40,435)
6-Apr-20	The Vanguard Group, Inc.	SELL	15.37	Ordinary	(100,149)	(100,149)
6-Apr-20	The Vanguard Group, Inc.	BUY	15.46	Ordinary	4,077	4,077
6-Apr-20	The Vanguard Group, Inc.	BUY	15.21	Ordinary	8,500	8,500
8-Apr-20	The Vanguard Group, Inc.	BUY	17.16	Ordinary	644	644
8-Apr-20	The Vanguard Group, Inc.	BUY	17.28	Ordinary	19,382	19,382
8-Apr-20	The Vanguard Group, Inc.	BUY	17.16	Ordinary	1,827	1,827
9-Apr-20	The Vanguard Group, Inc.	BUY	18.26	Ordinary	331	331
9-Apr-20	The Vanguard Group, Inc.	BUY	18.07	Ordinary	3,900	3,900
9-Apr-20	The Vanguard Group, Inc.	BUY	18.26	Ordinary	24,760	24,760
11-Apr-20	The Vanguard Group, Inc.	BUY	19.00	Ordinary	1,218	1,218
13-Apr-20	The Vanguard Group, Inc.	BUY	13.80	Ordinary	24,165	24,165
14-Apr-20	The Vanguard Group, Inc.	BUY	13.60	Ordinary	16,110	16,110
14-Apr-20	The Vanguard Group, Inc.	BUY	13.60	Ordinary	72,495	72,495
14-Apr-20	The Vanguard Group, Inc.	BUY	13.60	Ordinary	1,818	1,818
15-Apr-20	The Vanguard Group, Inc.	SELL	13.09	Ordinary	(18,216)	(18,216)
15-Apr-20	The Vanguard Group, Inc.	SELL	13.09	Ordinary	(16,192)	(16,192)
15-Apr-20	The Vanguard Group, Inc.	SELL	13.09	Ordinary	(8,096)	(8,096)
15-Apr-20	The Vanguard Group, Inc.	SELL	13.50	Ordinary	(906)	(906)
15-Apr-20	The Vanguard Group, Inc.	BUY	13.22	Ordinary	2,033	2,033
15-Apr-20	The Vanguard Group, Inc.	BUY	13.50	Ordinary	11,321	11,321
15-Apr-20	The Vanguard Group, Inc.	BUY	13.09	Ordinary	1,818	1,818
16-Apr-20	The Vanguard Group, Inc.	BUY	13.47	Ordinary	3,423	3,423
16-Apr-20	The Vanguard Group, Inc.	BUY	12.95	Ordinary	17,795	17,795
17-Apr-20	The Vanguard Group, Inc.	BUY	13.71	Ordinary	2,555	2,555
17-Apr-20	The Vanguard Group, Inc.	BUY	13.71	Ordinary	6,685	6,685
20-Apr-20	The Vanguard Group, Inc.	BUY	13.08	Ordinary	2,920	2,920
20-Apr-20	The Vanguard Group, Inc.	BUY	13.08	Ordinary	5,110	5,110
21-Apr-20	The Vanguard Group, Inc.	SELL	12.91	Ordinary	(45,917)	(45,917)
21-Apr-20	The Vanguard Group, Inc.	BUY	12.62	Ordinary	1,404	1,404
21-Apr-20	The Vanguard Group, Inc.	BUY	12.90	Ordinary	14,167	14,167
22-Apr-20	The Vanguard Group, Inc.	BUY	12.39	Ordinary	27,623	27,623

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24-Apr-20	The Vanguard Group, Inc.	SELL	12.64	Ordinary	(2,537)	(2,537)
27-Apr-20	The Vanguard Group, Inc.	SELL	13.46	Ordinary	(16,166)	(16,166)
27-Apr-20	The Vanguard Group, Inc.	SELL	13.46	Ordinary	(11,284)	(11,284)
28-Apr-20	The Vanguard Group, Inc.	BUY	13.04	Ordinary	3,650	3,650
29-Apr-20	The Vanguard Group, Inc.	SELL	13.23	Ordinary	(16,166)	(16,166)
30-Apr-20	The Vanguard Group, Inc.	SELL	13.07	Ordinary	(32,340)	(32,340)
30-Apr-20	The Vanguard Group, Inc.	SELL	13.07	Ordinary	(18,432)	(18,432)
30-Apr-20	The Vanguard Group, Inc.	SELL	13.07	Ordinary	(16,170)	(16,170)
30-Apr-20	The Vanguard Group, Inc.	SELL	13.07	Ordinary	(8,060)	(8,060)
30-Apr-20	The Vanguard Group, Inc.	BUY	13.21	Ordinary	12,325	12,325
2-May-20	The Vanguard Group, Inc.	SELL	15.20	Ordinary	(1,000)	(1,000)
2-May-20	The Vanguard Group, Inc.	BUY	15.25	Ordinary	9,125	9,125
2-May-20	The Vanguard Group, Inc.	BUY	15.25	Ordinary	13,622	13,622
2-May-20	The Vanguard Group, Inc.	BUY	15.25	Ordinary	36,974	36,974
3-May-20	The Vanguard Group, Inc.	SELL	15.65	Ordinary	(198,875)	(198,875)
3-May-20	The Vanguard Group, Inc.	BUY	15.65	Ordinary	2,626	2,626
5-May-20	The Vanguard Group, Inc.	SELL	13.61	Ordinary	(40,435)	(40,435)
6-May-20	The Vanguard Group, Inc.	BUY	15.22	Ordinary	1,218	1,218
6-May-20	The Vanguard Group, Inc.	SELL	15.09	Ordinary	(66,667)	(66,667)
6-May-20	The Vanguard Group, Inc.	BUY	15.05	Ordinary	3,272	3,272
8-May-20	The Vanguard Group, Inc.	SELL	17.29	Ordinary	(665)	(665)
8-May-20	The Vanguard Group, Inc.	BUY	17.29	Ordinary	38,492	38,492
10-May-20	The Vanguard Group, Inc.	BUY	18.50	Ordinary	1,218	1,218
10-May-20	The Vanguard Group, Inc.	BUY	18.39	Ordinary	6,820	6,820
11-May-20	The Vanguard Group, Inc.	BUY	19.63	Ordinary	160	160
11-May-20	The Vanguard Group, Inc.	BUY	19.63	Ordinary	1,602	1,602
11-May-20	The Vanguard Group, Inc.	BUY	19.63	Ordinary	22,812	22,812
13-May-20	The Vanguard Group, Inc.	BUY	14.24	Ordinary	3,417	3,417
14-May-20	The Vanguard Group, Inc.	SELL	13.92	Ordinary	(4,653)	(4,653)
15-May-20	The Vanguard Group, Inc.	SELL	14.25	Ordinary	(24,905)	(24,905)
15-May-20	The Vanguard Group, Inc.	SELL	14.25	Ordinary	(2,428)	(2,428)
15-May-20	The Vanguard Group, Inc.	BUY	14.22	Ordinary	3,415	3,415
15-May-20	The Vanguard Group, Inc.	BUY	14.26	Ordinary	21,697	21,697
20-May-20	The Vanguard Group, Inc.	SELL	14.44	Ordinary	(3,069)	(3,069)
21-May-20	The Vanguard Group, Inc.	BUY	14.75	Ordinary	3,422	3,422
21-May-20	The Vanguard Group, Inc.	BUY	14.89	Ordinary	26,678	26,678
22-May-20	The Vanguard Group, Inc.	SELL	14.67	Ordinary	(5,591)	(5,591)
22-May-20	The Vanguard Group, Inc.	SELL	14.67	Ordinary	(4,169)	(4,169)
22-May-20	The Vanguard Group, Inc.	SELL	14.67	Ordinary	(2,647)	(2,647)
22-May-20	The Vanguard Group, Inc.	BUY	14.65	Ordinary	9,982	9,982
22-May-20	The Vanguard Group, Inc.	BUY	14.76	Ordinary	1,827	1,827
27-May-20	The Vanguard Group, Inc.	BUY	15.51	Ordinary	1,218	1,218
27-May-20	The Vanguard Group, Inc.	BUY	15.45	Ordinary	1,376	1,376
28-May-20	The Vanguard Group, Inc.	BUY	15.35	Ordinary	20,400	20,400
29-May-20	The Vanguard Group, Inc.	SELL	15.41	Ordinary	(16,900)	(16,900)
29-May-20	The Vanguard Group, Inc.	SELL	15.41	Ordinary	(8,022)	(8,022)
29-May-20	The Vanguard Group, Inc.	SELL	15.39	Ordinary	(2,779)	(2,779)
29-May-20	The Vanguard Group, Inc.	BUY	15.37	Ordinary	3,322	3,322
29-May-20	The Vanguard Group, Inc.	BUY	15.38	Ordinary	12,884	12,884
1-Jun-20	The Vanguard Group, Inc.	BUY	13.58	Ordinary	850	850
1-Jun-20	The Vanguard Group, Inc.	BUY	13.62	Ordinary	3,636	3,636
2-Jun-20	The Vanguard Group, Inc.	BUY	15.23	Ordinary	54,489	54,489
2-Jun-20	The Vanguard Group, Inc.	BUY	15.23	Ordinary	61,446	61,446
3-Jun-20	The Vanguard Group, Inc.	SELL	15.20	Ordinary	(145,263)	(145,263)
3-Jun-20	The Vanguard Group, Inc.	SELL	15.19	Ordinary	(11,676)	(11,676)
3-Jun-20	The Vanguard Group, Inc.	BUY	15.19	Ordinary	16,060	16,060
4-Jun-20	The Vanguard Group, Inc.	BUY	12.89	Ordinary	760	760
5-Jun-20	The Vanguard Group, Inc.	BUY	13.60	Ordinary	7,226	7,226
7-Jun-20	The Vanguard Group, Inc.	BUY	15.68	Ordinary	1,454	1,454
7-Jun-20	The Vanguard Group, Inc.	BUY	15.68	Ordinary	3,740	3,740
7-Jun-20	The Vanguard Group, Inc.	BUY	15.68	Ordinary	3,654	3,654
8-Jun-20	The Vanguard Group, Inc.	BUY	17.59	Ordinary	1,218	1,218
8-Jun-20	The Vanguard Group, Inc.	SELL	17.59	Ordinary	(24,630)	(24,630)
10-Jun-20	The Vanguard Group, Inc.	SELL	18.22	Ordinary	(44,657)	(44,657)
10-Jun-20	The Vanguard Group, Inc.	BUY	18.31	Ordinary	698	698
10-Jun-20	The Vanguard Group, Inc.	BUY	18.21	Ordinary	1,827	1,827
11-Jun-20	The Vanguard Group, Inc.	BUY	19.66	Ordinary	694	694
15-Jun-20	The Vanguard Group, Inc.	SELL	14.78	Ordinary	(12,288)	(12,288)
16-Jun-20	The Vanguard Group, Inc.	SELL	14.92	Ordinary	(16,262)	(16,262)
17-Jun-20	The Vanguard Group, Inc.	BUY	15.24	Ordinary	23,916	23,916
19-Jun-20	The Vanguard Group, Inc.	BUY	15.18	Ordinary	1,218	1,218
19-Jun-20	The Vanguard Group, Inc.	SELL	15.18	Ordinary	(24,414)	(24,414)
19-Jun-20	The Vanguard Group, Inc.	SELL	15.18	Ordinary	(9,359)	(9,359)
19-Jun-20	The Vanguard Group, Inc.	SELL	15.25	Ordinary	(9,027)	(9,027)
19-Jun-20	The Vanguard Group, Inc.	SELL	15.18	Ordinary	(6,228)	(6,228)
19-Jun-20	The Vanguard Group, Inc.	SELL	15.25	Ordinary	(2,061)	(2,061)
19-Jun-20	The Vanguard Group, Inc.	BUY	15.27	Ordinary	2,216	2,216
19-Jun-20	The Vanguard Group, Inc.	BUY	15.27	Ordinary	2,560	2,560
19-Jun-20	The Vanguard Group, Inc.	BUY	15.27	Ordinary	2,746	2,746
19-Jun-20	The Vanguard Group, Inc.	BUY	15.27	Ordinary	15,489	15,489
19-Jun-20	The Vanguard Group, Inc.	BUY	15.27	Ordinary	42,279	42,279
19-Jun-20	The Vanguard Group, Inc.	BUY	15.27	Ordinary	78,233	78,233
22-Jun-20	The Vanguard Group, Inc.	SELL	15.01	Ordinary	(2,468)	(2,468)
22-Jun-20	The Vanguard Group, Inc.	BUY	15.10	Ordinary	1,454	1,454
23-Jun-20	The Vanguard Group, Inc.	BUY	15.17	Ordinary	1,336	1,336
24-Jun-20	The Vanguard Group, Inc.	SELL	15.08	Ordinary	(13,370)	(13,370)
24-Jun-20	The Vanguard Group, Inc.	SELL	15.08	Ordinary	(12,288)	(12,288)
24-Jun-20	The Vanguard Group, Inc.	SELL	15.08	Ordinary	(4,114)	(4,114)
24-Jun-20	The Vanguard Group, Inc.	SELL	15.08	Ordinary	(4,011)	(4,011)
24-Jun-20	The Vanguard Group, Inc.	BUY	15.11	Ordinary	1,032	1,032
25-Jun-20	The Vanguard Group, Inc.	SELL	15.01	Ordinary	(32,820)	(32,820)

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-Jun-20	The Vanguard Group, Inc.	SELL	15.11	Ordinary	(24,615)	(24,615)
26-Jun-20	The Vanguard Group, Inc.	SELL	15.04	Ordinary	(9,501)	(9,501)
29-Jun-20	The Vanguard Group, Inc.	BUY	15.18	Ordinary	1,827	1,827
30-Jun-20	The Vanguard Group, Inc.	SELL	14.95	Ordinary	(10,240)	(10,240)
30-Jun-20	The Vanguard Group, Inc.	BUY	14.85	Ordinary	38,752	38,752
1-Jul-20	The Vanguard Group, Inc.	BUY	13.85	Ordinary	3,426	3,426
1-Jul-20	The Vanguard Group, Inc.	BUY	13.91	Ordinary	31,940	31,940
1-Jul-20	The Vanguard Group, Inc.	BUY	13.66	Ordinary	42,623	42,623
2-Jul-20	The Vanguard Group, Inc.	BUY	15.29	Ordinary	2,920	2,920
4-Jul-20	The Vanguard Group, Inc.	BUY	12.82	Ordinary	760	760
4-Jul-20	The Vanguard Group, Inc.	BUY	12.82	Ordinary	10,278	10,278
5-Jul-20	The Vanguard Group, Inc.	SELL	14.14	Ordinary	(24,261)	(24,261)
5-Jul-20	The Vanguard Group, Inc.	SELL	13.85	Ordinary	(1,547)	(1,547)
5-Jul-20	The Vanguard Group, Inc.	BUY	14.11	Ordinary	771	771
5-Jul-20	The Vanguard Group, Inc.	BUY	13.85	Ordinary	1,474	1,474
7-Jul-20	The Vanguard Group, Inc.	BUY	15.73	Ordinary	644	644
7-Jul-20	The Vanguard Group, Inc.	BUY	15.70	Ordinary	803	803
8-Jul-20	The Vanguard Group, Inc.	SELL	17.46	Ordinary	(2,595)	(2,595)
8-Jul-20	The Vanguard Group, Inc.	BUY	17.56	Ordinary	1,306	1,306
10-Jul-20	The Vanguard Group, Inc.	BUY	18.62	Ordinary	4,979	4,979
12-Jul-20	The Vanguard Group, Inc.	BUY	18.46	Ordinary	2,075	2,075
12-Jul-20	The Vanguard Group, Inc.	BUY	18.46	Ordinary	3,415	3,415
14-Jul-20	The Vanguard Group, Inc.	SELL	15.42	Ordinary	(3,182)	(3,182)
14-Jul-20	The Vanguard Group, Inc.	BUY	15.52	Ordinary	2,438	2,438
15-Jul-20	The Vanguard Group, Inc.	SELL	15.56	Ordinary	(60,918)	(60,918)
15-Jul-20	The Vanguard Group, Inc.	SELL	15.80	Ordinary	(20,196)	(20,196)
15-Jul-20	The Vanguard Group, Inc.	SELL	15.80	Ordinary	(6,732)	(6,732)
16-Jul-20	The Vanguard Group, Inc.	SELL	15.82	Ordinary	(42,515)	(42,515)
16-Jul-20	The Vanguard Group, Inc.	SELL	15.82	Ordinary	(745)	(745)
16-Jul-20	The Vanguard Group, Inc.	BUY	15.85	Ordinary	26,951	26,951
21-Jul-20	The Vanguard Group, Inc.	BUY	15.76	Ordinary	9,459	9,459
22-Jul-20	The Vanguard Group, Inc.	SELL	15.94	Ordinary	(53,936)	(53,936)
23-Jul-20	The Vanguard Group, Inc.	SELL	16.18	Ordinary	(47,031)	(47,031)
23-Jul-20	The Vanguard Group, Inc.	SELL	16.22	Ordinary	(24,750)	(24,750)
23-Jul-20	The Vanguard Group, Inc.	BUY	16.31	Ordinary	39,709	39,709
24-Jul-20	The Vanguard Group, Inc.	SELL	16.17	Ordinary	(34,941)	(34,941)
28-Jul-20	The Vanguard Group, Inc.	SELL	16.61	Ordinary	(34,653)	(34,653)
29-Jul-20	The Vanguard Group, Inc.	BUY	16.57	Ordinary	14,603	14,603
30-Jul-20	The Vanguard Group, Inc.	BUY	17.00	Ordinary	1,218	1,218
30-Jul-20	The Vanguard Group, Inc.	BUY	17.01	Ordinary	567	567
31-Jul-20	The Vanguard Group, Inc.	SELL	16.90	Ordinary	(40,548)	(40,548)
31-Jul-20	The Vanguard Group, Inc.	BUY	16.93	Ordinary	645	645
31-Jul-20	The Vanguard Group, Inc.	BUY	16.93	Ordinary	1,701	1,701
31-Jul-20	The Vanguard Group, Inc.	BUY	16.88	Ordinary	24,205	24,205
1-Aug-20	The Vanguard Group, Inc.	BUY	13.90	Ordinary	10,950	10,950
1-Aug-20	The Vanguard Group, Inc.	BUY	13.85	Ordinary	26,336	26,336
4-Aug-20	The Vanguard Group, Inc.	BUY	12.76	Ordinary	1,254	1,254
4-Aug-20	The Vanguard Group, Inc.	BUY	13.36	Ordinary	4,745	4,745
4-Aug-20	The Vanguard Group, Inc.	BUY	12.76	Ordinary	27,775	27,775
5-Aug-20	The Vanguard Group, Inc.	SELL	14.38	Ordinary	(11,900)	(11,900)
5-Aug-20	The Vanguard Group, Inc.	BUY	14.36	Ordinary	14,898	14,898
7-Aug-20	The Vanguard Group, Inc.	SELL	15.66	Ordinary	(788)	(788)
7-Aug-20	The Vanguard Group, Inc.	BUY	15.30	Ordinary	727	727
9-Aug-20	The Vanguard Group, Inc.	SELL	17.91	Ordinary	(32,932)	(32,932)
9-Aug-20	The Vanguard Group, Inc.	BUY	18.12	Ordinary	540	540
9-Aug-20	The Vanguard Group, Inc.	BUY	18.12	Ordinary	2,129	2,129
9-Aug-20	The Vanguard Group, Inc.	BUY	18.12	Ordinary	19,614	19,614
12-Aug-20	The Vanguard Group, Inc.	BUY	18.48	Ordinary	1,830	1,830
12-Aug-20	The Vanguard Group, Inc.	BUY	18.42	Ordinary	2,703	2,703
12-Aug-20	The Vanguard Group, Inc.	BUY	18.33	Ordinary	3,940	3,940
12-Aug-20	The Vanguard Group, Inc.	BUY	18.48	Ordinary	15,147	15,147
13-Aug-20	The Vanguard Group, Inc.	SELL	18.10	Ordinary	(11,584)	(11,584)
13-Aug-20	The Vanguard Group, Inc.	SELL	17.93	Ordinary	(6,732)	(6,732)
13-Aug-20	The Vanguard Group, Inc.	SELL	17.93	Ordinary	(6,685)	(6,685)
13-Aug-20	The Vanguard Group, Inc.	BUY	17.93	Ordinary	727	727
14-Aug-20	The Vanguard Group, Inc.	SELL	18.09	Ordinary	(29,666)	(29,666)
17-Aug-20	The Vanguard Group, Inc.	BUY	18.39	Ordinary	1,218	1,218
17-Aug-20	The Vanguard Group, Inc.	BUY	18.39	Ordinary	7,480	7,480
17-Aug-20	The Vanguard Group, Inc.	BUY	18.39	Ordinary	18,432	18,432
17-Aug-20	The Vanguard Group, Inc.	BUY	18.39	Ordinary	24,576	24,576
18-Aug-20	The Vanguard Group, Inc.	SELL	18.44	Ordinary	(71,725)	(71,725)
18-Aug-20	The Vanguard Group, Inc.	BUY	18.44	Ordinary	4,488	4,488
18-Aug-20	The Vanguard Group, Inc.	BUY	18.44	Ordinary	14,334	14,334
18-Aug-20	The Vanguard Group, Inc.	BUY	18.44	Ordinary	71,725	71,725
19-Aug-20	The Vanguard Group, Inc.	SELL	18.44	Ordinary	(1,828)	(1,828)
19-Aug-20	The Vanguard Group, Inc.	SELL	18.44	Ordinary	(604)	(604)
19-Aug-20	The Vanguard Group, Inc.	BUY	18.44	Ordinary	17,790	17,790
20-Aug-20	The Vanguard Group, Inc.	BUY	18.31	Ordinary	1,218	1,218
20-Aug-20	The Vanguard Group, Inc.	BUY	18.31	Ordinary	2,028	2,028
20-Aug-20	The Vanguard Group, Inc.	BUY	18.31	Ordinary	2,618	2,618
21-Aug-20	The Vanguard Group, Inc.	SELL	18.29	Ordinary	(3,823)	(3,823)
21-Aug-20	The Vanguard Group, Inc.	BUY	18.29	Ordinary	727	727
27-Aug-20	The Vanguard Group, Inc.	BUY	18.42	Ordinary	7,854	7,854
27-Aug-20	The Vanguard Group, Inc.	BUY	18.42	Ordinary	10,240	10,240
28-Aug-20	The Vanguard Group, Inc.	BUY	18.39	Ordinary	727	727
31-Aug-20	The Vanguard Group, Inc.	SELL	18.33	Ordinary	(6,369)	(6,369)
31-Aug-20	The Vanguard Group, Inc.	BUY	18.31	Ordinary	2,615	2,615
1-Sep-20	The Vanguard Group, Inc.	SELL	14.09	Ordinary	(111,790)	(111,790)
1-Sep-20	The Vanguard Group, Inc.	SELL	14.09	Ordinary	(31,940)	(31,940)
1-Sep-20	The Vanguard Group, Inc.	BUY	14.09	Ordinary	3,285	3,285
1-Sep-20	The Vanguard Group, Inc.	BUY	14.04	Ordinary	3,693	3,693

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1-Sep-20	The Vanguard Group, Inc.	BUY	14.09	Ordinary	34,362	34,362
3-Sep-20	The Vanguard Group, Inc.	BUY	13.99	Ordinary	606	606
3-Sep-20	The Vanguard Group, Inc.	BUY	13.99	Ordinary	1,818	1,818
3-Sep-20	The Vanguard Group, Inc.	SELL	14.38	Ordinary	(36,051)	(36,051)
3-Sep-20	The Vanguard Group, Inc.	BUY	13.99	Ordinary	32,120	32,120
4-Sep-20	The Vanguard Group, Inc.	BUY	13.94	Ordinary	606	606
4-Sep-20	The Vanguard Group, Inc.	BUY	13.94	Ordinary	1,818	1,818
4-Sep-20	The Vanguard Group, Inc.	BUY	13.86	Ordinary	2,472	2,472
6-Sep-20	The Vanguard Group, Inc.	BUY	14.86	Ordinary	1,218	1,218
6-Sep-20	The Vanguard Group, Inc.	SELL	15.24	Ordinary	(125,509)	(125,509)
6-Sep-20	The Vanguard Group, Inc.	SELL	15.29	Ordinary	(20,480)	(20,480)
6-Sep-20	The Vanguard Group, Inc.	SELL	14.86	Ordinary	(8,022)	(8,022)
6-Sep-20	The Vanguard Group, Inc.	SELL	15.24	Ordinary	(926)	(926)
6-Sep-20	The Vanguard Group, Inc.	BUY	14.88	Ordinary	914	914
6-Sep-20	The Vanguard Group, Inc.	BUY	14.88	Ordinary	3,428	3,428
7-Sep-20	The Vanguard Group, Inc.	BUY	15.40	Ordinary	4,224	4,224
9-Sep-20	The Vanguard Group, Inc.	SELL	17.98	Ordinary	(24,699)	(24,699)
9-Sep-20	The Vanguard Group, Inc.	BUY	17.85	Ordinary	645	645
10-Sep-20	The Vanguard Group, Inc.	BUY	18.64	Ordinary	1,218	1,218
10-Sep-20	The Vanguard Group, Inc.	BUY	18.64	Ordinary	1,827	1,827
10-Sep-20	The Vanguard Group, Inc.	BUY	18.64	Ordinary	6,760	6,760
10-Sep-20	The Vanguard Group, Inc.	BUY	18.64	Ordinary	10,240	10,240
10-Sep-20	The Vanguard Group, Inc.	BUY	18.64	Ordinary	11,700	11,700
10-Sep-20	The Vanguard Group, Inc.	BUY	18.64	Ordinary	26,624	26,624
12-Sep-20	The Vanguard Group, Inc.	SELL	18.29	Ordinary	(29,109)	(29,109)
12-Sep-20	The Vanguard Group, Inc.	BUY	18.07	Ordinary	5,049	5,049
15-Sep-20	The Vanguard Group, Inc.	SELL	18.11	Ordinary	(114)	(114)
16-Sep-20	The Vanguard Group, Inc.	BUY	18.50	Ordinary	1,218	1,218
16-Sep-20	The Vanguard Group, Inc.	SELL	18.50	Ordinary	(32,932)	(32,932)
16-Sep-20	The Vanguard Group, Inc.	SELL	18.50	Ordinary	(16,466)	(16,466)
16-Sep-20	The Vanguard Group, Inc.	BUY	18.37	Ordinary	104	104
17-Sep-20	The Vanguard Group, Inc.	BUY	18.18	Ordinary	540	540
17-Sep-20	The Vanguard Group, Inc.	BUY	18.18	Ordinary	717	717
18-Sep-20	The Vanguard Group, Inc.	SELL	18.13	Ordinary	(24,259)	(24,259)
18-Sep-20	The Vanguard Group, Inc.	SELL	18.13	Ordinary	(19,967)	(19,967)
18-Sep-20	The Vanguard Group, Inc.	SELL	18.01	Ordinary	(16,466)	(16,466)
18-Sep-20	The Vanguard Group, Inc.	SELL	18.13	Ordinary	(1,682)	(1,682)
18-Sep-20	The Vanguard Group, Inc.	SELL	18.13	Ordinary	(821)	(821)
18-Sep-20	The Vanguard Group, Inc.	SELL	18.13	Ordinary	(276)	(276)
21-Sep-20	The Vanguard Group, Inc.	BUY	18.13	Ordinary	1,785	1,785
22-Sep-20	The Vanguard Group, Inc.	SELL	18.02	Ordinary	(12,303)	(12,303)
22-Sep-20	The Vanguard Group, Inc.	BUY	18.02	Ordinary	224	224
23-Sep-20	The Vanguard Group, Inc.	SELL	18.11	Ordinary	(24,597)	(24,597)
23-Sep-20	The Vanguard Group, Inc.	SELL	18.11	Ordinary	(24,597)	(24,597)
23-Sep-20	The Vanguard Group, Inc.	SELL	18.11	Ordinary	(16,398)	(16,398)
23-Sep-20	The Vanguard Group, Inc.	SELL	18.13	Ordinary	(1,118)	(1,118)
23-Sep-20	The Vanguard Group, Inc.	BUY	18.34	Ordinary	656	656
24-Sep-20	The Vanguard Group, Inc.	SELL	18.27	Ordinary	(20,032)	(20,032)
25-Sep-20	The Vanguard Group, Inc.	BUY	18.41	Ordinary	1,827	1,827
25-Sep-20	The Vanguard Group, Inc.	SELL	18.41	Ordinary	(40,995)	(40,995)
25-Sep-20	The Vanguard Group, Inc.	SELL	18.41	Ordinary	(32,796)	(32,796)
28-Sep-20	The Vanguard Group, Inc.	SELL	18.32	Ordinary	(16,398)	(16,398)
28-Sep-20	The Vanguard Group, Inc.	BUY	18.24	Ordinary	19,535	19,535
29-Sep-20	The Vanguard Group, Inc.	SELL	18.07	Ordinary	(734,280)	(734,280)
29-Sep-20	The Vanguard Group, Inc.	BUY	18.07	Ordinary	734,280	734,280
30-Sep-20	The Vanguard Group, Inc.	SELL	18.05	Ordinary	(9,493)	(9,493)
30-Sep-20	The Vanguard Group, Inc.	SELL	17.94	Ordinary	(898)	(898)
1-Oct-20	The Vanguard Group, Inc.	SELL	14.11	Ordinary	(1,053)	(1,053)
1-Oct-20	The Vanguard Group, Inc.	BUY	14.03	Ordinary	1,452	1,452
1-Oct-20	The Vanguard Group, Inc.	BUY	14.09	Ordinary	6,268	6,268
1-Oct-20	The Vanguard Group, Inc.	BUY	13.98	Ordinary	9,228	9,228
2-Oct-20	The Vanguard Group, Inc.	BUY	15.29	Ordinary	1,212	1,212
2-Oct-20	The Vanguard Group, Inc.	BUY	15.21	Ordinary	1,452	1,452
2-Oct-20	The Vanguard Group, Inc.	BUY	15.21	Ordinary	3,460	3,460
2-Oct-20	The Vanguard Group, Inc.	BUY	15.29	Ordinary	17,514	17,514
3-Oct-20	The Vanguard Group, Inc.	SELL	13.98	Ordinary	(10,049)	(10,049)
3-Oct-20	The Vanguard Group, Inc.	SELL	14.27	Ordinary	(9,730)	(9,730)
3-Oct-20	The Vanguard Group, Inc.	SELL	13.34	Ordinary	(1,831)	(1,831)
3-Oct-20	The Vanguard Group, Inc.	BUY	13.98	Ordinary	726	726
3-Oct-20	The Vanguard Group, Inc.	BUY	13.67	Ordinary	5,311	5,311
3-Oct-20	The Vanguard Group, Inc.	BUY	14.27	Ordinary	5,816	5,816
3-Oct-20	The Vanguard Group, Inc.	BUY	14.27	Ordinary	16,060	16,060
3-Oct-20	The Vanguard Group, Inc.	BUY	13.67	Ordinary	138,616	138,616
6-Oct-20	The Vanguard Group, Inc.	SELL	14.74	Ordinary	(85,359)	(85,359)
6-Oct-20	The Vanguard Group, Inc.	SELL	14.74	Ordinary	(9,919)	(9,919)
7-Oct-20	The Vanguard Group, Inc.	BUY	15.24	Ordinary	675	675
8-Oct-20	The Vanguard Group, Inc.	SELL	17.80	Ordinary	(32,840)	(32,840)
8-Oct-20	The Vanguard Group, Inc.	BUY	17.68	Ordinary	326	326
9-Oct-20	The Vanguard Group, Inc.	SELL	17.71	Ordinary	(24,699)	(24,699)
9-Oct-20	The Vanguard Group, Inc.	BUY	17.93	Ordinary	2,322	2,322
9-Oct-20	The Vanguard Group, Inc.	BUY	17.71	Ordinary	16,466	16,466
11-Oct-20	The Vanguard Group, Inc.	SELL	18.36	Ordinary	(32,656)	(32,656)
11-Oct-20	The Vanguard Group, Inc.	SELL	19.54	Ordinary	(31,870)	(31,870)
11-Oct-20	The Vanguard Group, Inc.	SELL	19.54	Ordinary	(18,168)	(18,168)
11-Oct-20	The Vanguard Group, Inc.	SELL	18.36	Ordinary	(16,328)	(16,328)
11-Oct-20	The Vanguard Group, Inc.	SELL	18.30	Ordinary	(4,858)	(4,858)
12-Oct-20	The Vanguard Group, Inc.	SELL	17.97	Ordinary	(891)	(891)
12-Oct-20	The Vanguard Group, Inc.	BUY	18.11	Ordinary	2,440	2,440
12-Oct-20	The Vanguard Group, Inc.	BUY	18.11	Ordinary	40,820	40,820
13-Oct-20	The Vanguard Group, Inc.	SELL	19.05	Ordinary	(19,940)	(19,940)
13-Oct-20	The Vanguard Group, Inc.	BUY	18.80	Ordinary	171	171

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13-Oct-20	The Vanguard Group, Inc.	BUY	19.05	Ordinary	698	698
14-Oct-20	The Vanguard Group, Inc.	SELL	18.93	Ordinary	(978)	(978)
14-Oct-20	The Vanguard Group, Inc.	BUY	19.22	Ordinary	1,989	1,989
15-Oct-20	The Vanguard Group, Inc.	BUY	19.19	Ordinary	2,030	2,030
19-Oct-20	The Vanguard Group, Inc.	BUY	18.89	Ordinary	1,396	1,396
21-Oct-20	The Vanguard Group, Inc.	BUY	18.50	Ordinary	3,594	3,594
22-Oct-20	The Vanguard Group, Inc.	SELL	18.30	Ordinary	(18,548)	(18,548)
22-Oct-20	The Vanguard Group, Inc.	BUY	18.30	Ordinary	15,096	15,096
23-Oct-20	The Vanguard Group, Inc.	SELL	18.47	Ordinary	(2,963)	(2,963)
23-Oct-20	The Vanguard Group, Inc.	BUY	18.44	Ordinary	101	101
26-Oct-20	The Vanguard Group, Inc.	BUY	18.66	Ordinary	1,499	1,499
26-Oct-20	The Vanguard Group, Inc.	BUY	18.57	Ordinary	7,620	7,620
27-Oct-20	The Vanguard Group, Inc.	BUY	18.49	Ordinary	6,826	6,826
28-Oct-20	The Vanguard Group, Inc.	SELL	18.26	Ordinary	(498)	(498)
29-Oct-20	The Vanguard Group, Inc.	SELL	18.29	Ordinary	(24,597)	(24,597)
30-Oct-20	The Vanguard Group, Inc.	BUY	18.41	Ordinary	609	609
30-Oct-20	The Vanguard Group, Inc.	SELL	18.40	Ordinary	(17,561)	(17,561)
30-Oct-20	The Vanguard Group, Inc.	BUY	18.40	Ordinary	8,376	8,376
2-Nov-20	The Vanguard Group, Inc.	BUY	15.26	Ordinary	11,676	11,676
3-Nov-20	The Vanguard Group, Inc.	SELL	13.79	Ordinary	(5,838)	(5,838)
3-Nov-20	The Vanguard Group, Inc.	SELL	14.07	Ordinary	(2,393)	(2,393)
3-Nov-20	The Vanguard Group, Inc.	BUY	14.03	Ordinary	3,407	3,407
3-Nov-20	The Vanguard Group, Inc.	BUY	14.08	Ordinary	93,395	93,395
6-Nov-20	The Vanguard Group, Inc.	SELL	14.38	Ordinary	(39,469)	(39,469)
6-Nov-20	The Vanguard Group, Inc.	SELL	14.55	Ordinary	(20,480)	(20,480)
6-Nov-20	The Vanguard Group, Inc.	SELL	14.55	Ordinary	(12,288)	(12,288)
6-Nov-20	The Vanguard Group, Inc.	SELL	14.55	Ordinary	(8,192)	(8,192)
6-Nov-20	The Vanguard Group, Inc.	BUY	14.55	Ordinary	8,500	8,500
8-Nov-20	The Vanguard Group, Inc.	BUY	17.90	Ordinary	17,593	17,593
9-Nov-20	The Vanguard Group, Inc.	BUY	17.85	Ordinary	202	202
9-Nov-20	The Vanguard Group, Inc.	BUY	18.15	Ordinary	2,483	2,483
9-Nov-20	The Vanguard Group, Inc.	BUY	18.09	Ordinary	5,850	5,850
11-Nov-20	The Vanguard Group, Inc.	SELL	19.22	Ordinary	(24,492)	(24,492)
11-Nov-20	The Vanguard Group, Inc.	SELL	19.14	Ordinary	(1,373)	(1,373)
11-Nov-20	The Vanguard Group, Inc.	SELL	19.09	Ordinary	(253)	(253)
11-Nov-20	The Vanguard Group, Inc.	BUY	19.09	Ordinary	280	280
12-Nov-20	The Vanguard Group, Inc.	SELL	17.84	Ordinary	(45,532)	(45,532)
12-Nov-20	The Vanguard Group, Inc.	BUY	17.84	Ordinary	3,660	3,660
12-Nov-20	The Vanguard Group, Inc.	BUY	17.84	Ordinary	24,492	24,492
12-Nov-20	The Vanguard Group, Inc.	BUY	17.84	Ordinary	24,492	24,492
12-Nov-20	The Vanguard Group, Inc.	BUY	17.84	Ordinary	81,640	81,640
13-Nov-20	The Vanguard Group, Inc.	BUY	19.25	Ordinary	13,933	13,933
16-Nov-20	The Vanguard Group, Inc.	BUY	19.55	Ordinary	4,880	4,880
17-Nov-20	The Vanguard Group, Inc.	BUY	18.76	Ordinary	2,518	2,518
17-Nov-20	The Vanguard Group, Inc.	BUY	18.76	Ordinary	4,164	4,164
17-Nov-20	The Vanguard Group, Inc.	BUY	19.24	Ordinary	25,155	25,155
19-Nov-20	The Vanguard Group, Inc.	BUY	18.68	Ordinary	509	509
20-Nov-20	The Vanguard Group, Inc.	BUY	18.51	Ordinary	139	139
20-Nov-20	The Vanguard Group, Inc.	BUY	18.52	Ordinary	2,061	2,061
20-Nov-20	The Vanguard Group, Inc.	BUY	18.51	Ordinary	3,123	3,123
20-Nov-20	The Vanguard Group, Inc.	BUY	18.51	Ordinary	3,394	3,394
20-Nov-20	The Vanguard Group, Inc.	BUY	18.51	Ordinary	20,547	20,547
25-Nov-20	The Vanguard Group, Inc.	BUY	18.48	Ordinary	316	316
25-Nov-20	The Vanguard Group, Inc.	BUY	18.55	Ordinary	694	694
25-Nov-20	The Vanguard Group, Inc.	BUY	18.55	Ordinary	2,703	2,703
26-Nov-20	The Vanguard Group, Inc.	BUY	18.65	Ordinary	5,190	5,190
26-Nov-20	The Vanguard Group, Inc.	BUY	18.44	Ordinary	6,826	6,826
27-Nov-20	The Vanguard Group, Inc.	SELL	18.61	Ordinary	(129,626)	(129,626)
30-Nov-20	The Vanguard Group, Inc.	BUY	18.68	Ordinary	1,467	1,467
30-Nov-20	The Vanguard Group, Inc.	BUY	18.68	Ordinary	19,316	19,316
2-Dec-20	The Vanguard Group, Inc.	BUY	15.40	Ordinary	28,760	28,760
3-Dec-20	The Vanguard Group, Inc.	SELL	13.04	Ordinary	(21,406)	(21,406)
3-Dec-20	The Vanguard Group, Inc.	BUY	13.27	Ordinary	726	726
3-Dec-20	The Vanguard Group, Inc.	BUY	13.27	Ordinary	1,452	1,452
3-Dec-20	The Vanguard Group, Inc.	BUY	13.27	Ordinary	5,981	5,981
3-Dec-20	The Vanguard Group, Inc.	BUY	13.04	Ordinary	21,225	21,225
3-Dec-20	The Vanguard Group, Inc.	BUY	13.83	Ordinary	55,356	55,356
5-Dec-20	The Vanguard Group, Inc.	SELL	14.24	Ordinary	(48,522)	(48,522)
5-Dec-20	The Vanguard Group, Inc.	SELL	14.24	Ordinary	(24,261)	(24,261)
5-Dec-20	The Vanguard Group, Inc.	SELL	14.25	Ordinary	(16,550)	(16,550)
5-Dec-20	The Vanguard Group, Inc.	BUY	14.38	Ordinary	771	771
8-Dec-20	The Vanguard Group, Inc.	SELL	17.75	Ordinary	(24,630)	(24,630)
8-Dec-20	The Vanguard Group, Inc.	BUY	17.70	Ordinary	651	651
10-Dec-20	The Vanguard Group, Inc.	BUY	18.60	Ordinary	32,013	32,013
11-Dec-20	The Vanguard Group, Inc.	SELL	19.33	Ordinary	(16,328)	(16,328)
14-Dec-20	The Vanguard Group, Inc.	BUY	17.80	Ordinary	1,342	1,342
15-Dec-20	The Vanguard Group, Inc.	BUY	18.32	Ordinary	11,781	11,781
16-Dec-20	The Vanguard Group, Inc.	BUY	18.23	Ordinary	3,412	3,412
17-Dec-20	The Vanguard Group, Inc.	BUY	18.37	Ordinary	247	247
17-Dec-20	The Vanguard Group, Inc.	BUY	18.86	Ordinary	585	585
17-Dec-20	The Vanguard Group, Inc.	BUY	18.86	Ordinary	1,059	1,059
17-Dec-20	The Vanguard Group, Inc.	BUY	18.85	Ordinary	24,492	24,492
17-Dec-20	The Vanguard Group, Inc.	BUY	18.85	Ordinary	24,492	24,492
18-Dec-20	The Vanguard Group, Inc.	SELL	18.79	Ordinary	(354)	(354)
18-Dec-20	The Vanguard Group, Inc.	BUY	18.79	Ordinary	90	90
18-Dec-20	The Vanguard Group, Inc.	BUY	18.79	Ordinary	145	145
18-Dec-20	The Vanguard Group, Inc.	BUY	18.77	Ordinary	1,337	1,337
18-Dec-20	The Vanguard Group, Inc.	BUY	18.79	Ordinary	2,144	2,144
18-Dec-20	The Vanguard Group, Inc.	BUY	18.79	Ordinary	3,176	3,176
18-Dec-20	The Vanguard Group, Inc.	BUY	18.79	Ordinary	3,430	3,430
18-Dec-20	The Vanguard Group, Inc.	BUY	18.77	Ordinary	5,348	5,348

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-20	The Vanguard Group, Inc.	BUY	18.77	Ordinary	5,348	5,348
18-Dec-20	The Vanguard Group, Inc.	BUY	18.79	Ordinary	22,292	22,292
18-Dec-20	The Vanguard Group, Inc.	BUY	18.79	Ordinary	23,258	23,258
18-Dec-20	The Vanguard Group, Inc.	BUY	18.79	Ordinary	42,104	42,104
21-Dec-20	The Vanguard Group, Inc.	BUY	18.56	Ordinary	3,430	3,430
22-Dec-20	The Vanguard Group, Inc.	BUY	18.73	Ordinary	8,235	8,235
22-Dec-20	The Vanguard Group, Inc.	BUY	18.65	Ordinary	17,092	17,092
23-Dec-20	The Vanguard Group, Inc.	BUY	19.16	Ordinary	2,925	2,925
23-Dec-20	The Vanguard Group, Inc.	BUY	19.16	Ordinary	19,940	19,940
23-Dec-20	The Vanguard Group, Inc.	BUY	19.15	Ordinary	32,568	32,568
24-Dec-20	The Vanguard Group, Inc.	SELL	19.16	Ordinary	(114,191)	(114,191)
24-Dec-20	The Vanguard Group, Inc.	BUY	19.04	Ordinary	723	723
24-Dec-20	The Vanguard Group, Inc.	BUY	19.04	Ordinary	3,428	3,428
24-Dec-20	The Vanguard Group, Inc.	BUY	19.13	Ordinary	34,931	34,931
29-Dec-20	The Vanguard Group, Inc.	BUY	19.10	Ordinary	6,920	6,920
30-Dec-20	The Vanguard Group, Inc.	BUY	19.30	Ordinary	609	609
30-Dec-20	The Vanguard Group, Inc.	SELL	19.35	Ordinary	(19,333)	(19,333)
30-Dec-20	The Vanguard Group, Inc.	BUY	19.35	Ordinary	1,446	1,446
30-Dec-20	The Vanguard Group, Inc.	BUY	19.35	Ordinary	16,134	16,134
31-Dec-20	The Vanguard Group, Inc.	SELL	18.96	Ordinary	(25,609)	(25,609)
31-Dec-20	The Vanguard Group, Inc.	BUY	18.91	Ordinary	1,937	1,937
31-Dec-20	The Vanguard Group, Inc.	BUY	18.96	Ordinary	25,609	25,609
2-Jan-21	The Vanguard Group, Inc.	SELL	17.89	Ordinary	(6,507)	(6,507)
5-Jan-21	The Vanguard Group, Inc.	SELL	19.01	Ordinary	(1,050)	(1,050)
5-Jan-21	The Vanguard Group, Inc.	BUY	19.01	Ordinary	578	578
5-Jan-21	The Vanguard Group, Inc.	BUY	19.32	Ordinary	3,050	3,050
5-Jan-21	The Vanguard Group, Inc.	BUY	19.29	Ordinary	3,440	3,440
5-Jan-21	The Vanguard Group, Inc.	BUY	19.32	Ordinary	3,660	3,660
5-Jan-21	The Vanguard Group, Inc.	BUY	19.29	Ordinary	4,343	4,343
5-Jan-21	The Vanguard Group, Inc.	BUY	19.32	Ordinary	8,022	8,022
6-Jan-21	The Vanguard Group, Inc.	SELL	18.94	Ordinary	(321)	(321)
6-Jan-21	The Vanguard Group, Inc.	BUY	18.90	Ordinary	723	723
6-Jan-21	The Vanguard Group, Inc.	BUY	19.01	Ordinary	6,588	6,588
6-Jan-21	The Vanguard Group, Inc.	BUY	19.01	Ordinary	48,852	48,852
7-Jan-21	The Vanguard Group, Inc.	BUY	18.59	Ordinary	1,218	1,218
7-Jan-21	The Vanguard Group, Inc.	BUY	18.59	Ordinary	2,456	2,456
7-Jan-21	The Vanguard Group, Inc.	BUY	18.70	Ordinary	3,667	3,667
7-Jan-21	The Vanguard Group, Inc.	BUY	19.13	Ordinary	14,531	14,531
7-Jan-21	The Vanguard Group, Inc.	BUY	18.59	Ordinary	29,646	29,646
7-Jan-21	The Vanguard Group, Inc.	BUY	18.59	Ordinary	33,425	33,425
8-Jan-21	The Vanguard Group, Inc.	BUY	18.39	Ordinary	2,810	2,810
8-Jan-21	The Vanguard Group, Inc.	BUY	18.41	Ordinary	5,088	5,088
8-Jan-21	The Vanguard Group, Inc.	BUY	18.39	Ordinary	7,953	7,953
8-Jan-21	The Vanguard Group, Inc.	BUY	18.39	Ordinary	10,187	10,187
8-Jan-21	The Vanguard Group, Inc.	BUY	18.41	Ordinary	20,055	20,055
8-Jan-21	The Vanguard Group, Inc.	BUY	18.41	Ordinary	24,480	24,480
11-Jan-21	The Vanguard Group, Inc.	BUY	18.08	Ordinary	3,441	3,441
11-Jan-21	The Vanguard Group, Inc.	BUY	17.69	Ordinary	2,436	2,436
11-Jan-21	The Vanguard Group, Inc.	BUY	17.70	Ordinary	723	723
11-Jan-21	The Vanguard Group, Inc.	BUY	17.69	Ordinary	6,628	6,628
11-Jan-21	The Vanguard Group, Inc.	BUY	17.69	Ordinary	10,696	10,696
11-Jan-21	The Vanguard Group, Inc.	BUY	17.69	Ordinary	16,392	16,392
11-Jan-21	The Vanguard Group, Inc.	BUY	17.70	Ordinary	23,000	23,000
12-Jan-21	The Vanguard Group, Inc.	BUY	17.91	Ordinary	723	723
12-Jan-21	The Vanguard Group, Inc.	BUY	17.94	Ordinary	3,924	3,924
12-Jan-21	The Vanguard Group, Inc.	BUY	17.89	Ordinary	4,941	4,941
12-Jan-21	The Vanguard Group, Inc.	BUY	17.89	Ordinary	13,176	13,176
13-Jan-21	The Vanguard Group, Inc.	BUY	17.62	Ordinary	723	723
13-Jan-21	The Vanguard Group, Inc.	BUY	17.62	Ordinary	1,594	1,594
13-Jan-21	The Vanguard Group, Inc.	BUY	17.60	Ordinary	3,268	3,268
13-Jan-21	The Vanguard Group, Inc.	BUY	17.65	Ordinary	3,425	3,425
13-Jan-21	The Vanguard Group, Inc.	BUY	17.65	Ordinary	14,280	14,280
14-Jan-21	The Vanguard Group, Inc.	BUY	17.66	Ordinary	2,740	2,740
14-Jan-21	The Vanguard Group, Inc.	BUY	17.66	Ordinary	4,011	4,011
18-Jan-21	The Vanguard Group, Inc.	BUY	17.60	Ordinary	3,441	3,441
19-Jan-21	The Vanguard Group, Inc.	BUY	17.70	Ordinary	723	723
19-Jan-21	The Vanguard Group, Inc.	BUY	17.70	Ordinary	36,567	36,567
21-Jan-21	The Vanguard Group, Inc.	BUY	17.79	Ordinary	5,918	5,918
21-Jan-21	The Vanguard Group, Inc.	BUY	17.75	Ordinary	8,160	8,160
21-Jan-21	The Vanguard Group, Inc.	BUY	17.75	Ordinary	14,823	14,823
22-Jan-21	The Vanguard Group, Inc.	BUY	17.78	Ordinary	1,218	1,218
22-Jan-21	The Vanguard Group, Inc.	SELL	17.71	Ordinary	(257)	(257)
22-Jan-21	The Vanguard Group, Inc.	BUY	17.71	Ordinary	1,345	1,345
22-Jan-21	The Vanguard Group, Inc.	BUY	17.75	Ordinary	1,446	1,446
22-Jan-21	The Vanguard Group, Inc.	BUY	17.75	Ordinary	6,878	6,878
22-Jan-21	The Vanguard Group, Inc.	BUY	17.71	Ordinary	7,351	7,351
22-Jan-21	The Vanguard Group, Inc.	BUY	17.75	Ordinary	18,500	18,500
25-Jan-21	The Vanguard Group, Inc.	BUY	18.03	Ordinary	2,889	2,889
25-Jan-21	The Vanguard Group, Inc.	BUY	18.07	Ordinary	18,360	18,360
27-Jan-21	The Vanguard Group, Inc.	BUY	17.83	Ordinary	3,279	3,279
27-Jan-21	The Vanguard Group, Inc.	BUY	17.83	Ordinary	3,440	3,440
28-Jan-21	The Vanguard Group, Inc.	BUY	17.76	Ordinary	1,218	1,218
28-Jan-21	The Vanguard Group, Inc.	SELL	17.78	Ordinary	(571)	(571)
28-Jan-21	The Vanguard Group, Inc.	BUY	17.69	Ordinary	723	723
28-Jan-21	The Vanguard Group, Inc.	BUY	17.76	Ordinary	12,240	12,240
28-Jan-21	The Vanguard Group, Inc.	BUY	17.69	Ordinary	22,271	22,271
29-Jan-21	The Vanguard Group, Inc.	BUY	17.68	Ordinary	1,446	1,446
29-Jan-21	The Vanguard Group, Inc.	BUY	17.68	Ordinary	3,642	3,642
29-Jan-21	The Vanguard Group, Inc.	BUY	17.61	Ordinary	4,941	4,941
29-Jan-21	The Vanguard Group, Inc.	BUY	17.61	Ordinary	6,685	6,685
29-Jan-21	The Vanguard Group, Inc.	BUY	17.61	Ordinary	12,240	12,240



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-Feb-21	The Vanguard Group, Inc.	BUY	18.06	Ordinary	247	247
2-Feb-21	The Vanguard Group, Inc.	BUY	18.04	Ordinary	2,509	2,509
3-Feb-21	The Vanguard Group, Inc.	BUY	18.50	Ordinary	1,827	1,827
3-Feb-21	The Vanguard Group, Inc.	SELL	18.18	Ordinary	(691)	(691)
3-Feb-21	The Vanguard Group, Inc.	BUY	18.51	Ordinary	760	760
3-Feb-21	The Vanguard Group, Inc.	BUY	18.29	Ordinary	7,821	7,821
3-Feb-21	The Vanguard Group, Inc.	BUY	18.29	Ordinary	33,391	33,391
4-Feb-21	The Vanguard Group, Inc.	BUY	18.11	Ordinary	2,223	2,223
4-Feb-21	The Vanguard Group, Inc.	BUY	18.45	Ordinary	4,255	4,255
4-Feb-21	The Vanguard Group, Inc.	BUY	18.25	Ordinary	12,294	12,294
5-Feb-21	The Vanguard Group, Inc.	BUY	18.01	Ordinary	1,827	1,827
5-Feb-21	The Vanguard Group, Inc.	BUY	18.01	Ordinary	3,045	3,045
5-Feb-21	The Vanguard Group, Inc.	BUY	18.03	Ordinary	723	723
8-Feb-21	The Vanguard Group, Inc.	BUY	17.87	Ordinary	38,288	38,288
10-Feb-21	The Vanguard Group, Inc.	BUY	17.52	Ordinary	1,218	1,218
10-Feb-21	The Vanguard Group, Inc.	BUY	17.57	Ordinary	1,446	1,446
10-Feb-21	The Vanguard Group, Inc.	BUY	17.57	Ordinary	2,273	2,273
10-Feb-21	The Vanguard Group, Inc.	BUY	17.52	Ordinary	2,674	2,674
10-Feb-21	The Vanguard Group, Inc.	BUY	17.57	Ordinary	3,898	3,898
10-Feb-21	The Vanguard Group, Inc.	BUY	17.52	Ordinary	6,147	6,147
10-Feb-21	The Vanguard Group, Inc.	BUY	17.52	Ordinary	6,628	6,628
10-Feb-21	The Vanguard Group, Inc.	BUY	17.52	Ordinary	23,198	23,198
12-Feb-21	The Vanguard Group, Inc.	BUY	18.05	Ordinary	1,827	1,827
12-Feb-21	The Vanguard Group, Inc.	BUY	17.77	Ordinary	434	434
12-Feb-21	The Vanguard Group, Inc.	BUY	17.96	Ordinary	723	723
12-Feb-21	The Vanguard Group, Inc.	BUY	18.05	Ordinary	4,971	4,971
12-Feb-21	The Vanguard Group, Inc.	BUY	18.05	Ordinary	6,685	6,685
12-Feb-21	The Vanguard Group, Inc.	BUY	18.05	Ordinary	18,441	18,441
15-Feb-21	The Vanguard Group, Inc.	BUY	18.17	Ordinary	9,180	9,180
16-Feb-21	The Vanguard Group, Inc.	SELL	17.98	Ordinary	(728)	(728)
16-Feb-21	The Vanguard Group, Inc.	BUY	17.98	Ordinary	3,486	3,486
17-Feb-21	The Vanguard Group, Inc.	BUY	17.40	Ordinary	2,098	2,098
17-Feb-21	The Vanguard Group, Inc.	BUY	17.63	Ordinary	19,818	19,818
17-Feb-21	The Vanguard Group, Inc.	BUY	17.63	Ordinary	37,289	37,289
18-Feb-21	The Vanguard Group, Inc.	BUY	16.99	Ordinary	723	723
18-Feb-21	The Vanguard Group, Inc.	BUY	17.22	Ordinary	5,274	5,274
18-Feb-21	The Vanguard Group, Inc.	BUY	16.99	Ordinary	8,604	8,604
18-Feb-21	The Vanguard Group, Inc.	BUY	17.27	Ordinary	21,152	21,152
19-Feb-21	The Vanguard Group, Inc.	SELL	17.31	Ordinary	(22,149)	(22,149)
19-Feb-21	The Vanguard Group, Inc.	BUY	17.22	Ordinary	1,446	1,446
19-Feb-21	The Vanguard Group, Inc.	BUY	17.17	Ordinary	6,685	6,685
22-Feb-21	The Vanguard Group, Inc.	SELL	17.25	Ordinary	(39,898)	(39,898)
22-Feb-21	The Vanguard Group, Inc.	SELL	17.24	Ordinary	(6,906)	(6,906)
23-Feb-21	The Vanguard Group, Inc.	SELL	17.07	Ordinary	(10,017)	(10,017)
24-Feb-21	The Vanguard Group, Inc.	BUY	16.81	Ordinary	1,218	1,218
24-Feb-21	The Vanguard Group, Inc.	BUY	16.73	Ordinary	723	723
24-Feb-21	The Vanguard Group, Inc.	BUY	16.73	Ordinary	3,636	3,636
24-Feb-21	The Vanguard Group, Inc.	BUY	17.14	Ordinary	20,447	20,447
25-Feb-21	The Vanguard Group, Inc.	BUY	16.75	Ordinary	581	581
25-Feb-21	The Vanguard Group, Inc.	BUY	16.75	Ordinary	723	723
20-Dec-18	Vanguard Investments Australia Ltd.	Sell	11.07	Ordinary	(6,251)	(6,251)
20-Dec-18	Vanguard Investments Australia Ltd.	Buy	11.07	Ordinary	44,316	44,316
21-Dec-18	Vanguard Investments Australia Ltd.	Sell	10.84	Ordinary	(12,545)	(12,545)
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.86	Ordinary	6,071	6,071
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.86	Ordinary	10,077	10,077
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.86	Ordinary	17,093	17,093
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.86	Ordinary	36,089	36,089
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.86	Ordinary	54,523	54,523
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.88	Ordinary	59,889	59,889
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.86	Ordinary	72,656	72,656
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.86	Ordinary	73,647	73,647
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.86	Ordinary	143,267	143,267
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.91	Ordinary	995,994	995,994
27-Dec-18	Vanguard Investments Australia Ltd.	Sell	10.99	Ordinary	(4,613)	(4,613)
27-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.99	Ordinary	9,672	9,672
31-Dec-18	Vanguard Investments Australia Ltd.	Sell	10.66	Ordinary	(281,155)	(281,155)
31-Dec-18	Vanguard Investments Australia Ltd.	Sell	10.66	Ordinary	(1,397)	(1,397)
2-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.62	Ordinary	(6,780)	(6,780)
2-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.62	Ordinary	(6,650)	(6,650)
2-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.62	Ordinary	44,537	44,537
3-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.21	Ordinary	19,518	19,518
3-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.21	Ordinary	115,009	115,009
4-Jan-19	Vanguard Investments Australia Ltd.	Sell	13.18	Ordinary	(77,048)	(77,048)
4-Jan-19	Vanguard Investments Australia Ltd.	Sell	13.18	Ordinary	(1,901)	(1,901)
4-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.18	Ordinary	3,239	3,239
4-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.18	Ordinary	4,699	4,699
4-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.18	Ordinary	39,054	39,054
4-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.18	Ordinary	42,314	42,314
5-Jan-19	Vanguard Investments Australia Ltd.	Sell	13.22	Ordinary	(4,688)	(4,688)
5-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.23	Ordinary	1,183	1,183
5-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.23	Ordinary	1,325	1,325
5-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.23	Ordinary	2,941	2,941
5-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.23	Ordinary	33,838	33,838
5-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.23	Ordinary	37,934	37,934
5-Jan-19	Vanguard Investments Australia Ltd.	Buy	13.23	Ordinary	84,006	84,006
7-Jan-19	Vanguard Investments Australia Ltd.	Sell	15.22	Ordinary	(9,000)	(9,000)
7-Jan-19	Vanguard Investments Australia Ltd.	Buy	15.22	Ordinary	44,470	44,470
8-Jan-19	Vanguard Investments Australia Ltd.	Sell	14.86	Ordinary	(9,976)	(9,976)
8-Jan-19	Vanguard Investments Australia Ltd.	Buy	14.86	Ordinary	121,617	121,617
11-Jan-19	Vanguard Investments Australia Ltd.	Sell	14.37	Ordinary	(194,610)	(194,610)
11-Jan-19	Vanguard Investments Australia Ltd.	Sell	14.37	Ordinary	(33,317)	(33,317)

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-Jan-19	Vanguard Investments Australia Ltd.	Buy	14.37	Ordinary	13,128	13,128
11-Jan-19	Vanguard Investments Australia Ltd.	Buy	14.37	Ordinary	29,213	29,213
16-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.49	Ordinary	(5,527)	(5,527)
18-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.68	Ordinary	4,736	4,736
18-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.65	Ordinary	4,928	4,928
18-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.68	Ordinary	26,647	26,647
21-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.63	Ordinary	(17,160)	(17,160)
22-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.72	Ordinary	(28,041)	(28,041)
22-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.74	Ordinary	(10,130)	(10,130)
22-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.72	Ordinary	(1,195)	(1,195)
22-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.72	Ordinary	68,265	68,265
23-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.74	Ordinary	(5,427)	(5,427)
23-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.74	Ordinary	22,755	22,755
25-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.88	Ordinary	(3,616)	(3,616)
29-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.94	Ordinary	24,032	24,032
30-Jan-19	Vanguard Investments Australia Ltd.	Buy	12.05	Ordinary	6,516	6,516
30-Jan-19	Vanguard Investments Australia Ltd.	Buy	12.04	Ordinary	31,486	31,486
4-Feb-19	Vanguard Investments Australia Ltd.	Buy	13.16	Ordinary	11,256	11,256
4-Feb-19	Vanguard Investments Australia Ltd.	Buy	13.21	Ordinary	15,293	15,293
4-Feb-19	Vanguard Investments Australia Ltd.	Buy	13.21	Ordinary	42,640	42,640
7-Feb-19	Vanguard Investments Australia Ltd.	Buy	15.16	Ordinary	18,108	18,108
8-Feb-19	Vanguard Investments Australia Ltd.	Sell	15.31	Ordinary	(9,897)	(9,897)
8-Feb-19	Vanguard Investments Australia Ltd.	Buy	15.31	Ordinary	44,242	44,242
9-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.26	Ordinary	33,132	33,132
9-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.26	Ordinary	66,606	66,606
10-Feb-19	Vanguard Investments Australia Ltd.	Sell	14.34	Ordinary	(34,872)	(34,872)
10-Feb-19	Vanguard Investments Australia Ltd.	Sell	14.34	Ordinary	(5,376)	(5,376)
10-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	6,400	6,400
10-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	7,693	7,693
10-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	10,637	10,637
10-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.34	Ordinary	27,607	27,607
10-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	38,159	38,159
10-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.34	Ordinary	109,925	109,925
12-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.85	Ordinary	65,706	65,706
12-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.85	Ordinary	78,469	78,469
12-Feb-19	Vanguard Investments Australia Ltd.	Buy	14.85	Ordinary	87,608	87,608
13-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.00	Ordinary	67,175	67,175
14-Feb-19	Vanguard Investments Australia Ltd.	Sell	12.51	Ordinary	(3,571)	(3,571)
14-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.51	Ordinary	68,589	68,589
15-Feb-19	Vanguard Investments Australia Ltd.	Sell	12.84	Ordinary	(4,822)	(4,822)
18-Feb-19	Vanguard Investments Australia Ltd.	Sell	12.91	Ordinary	(4,224)	(4,224)
19-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.86	Ordinary	17,908	17,908
20-Feb-19	Vanguard Investments Australia Ltd.	Sell	12.79	Ordinary	(8,201)	(8,201)
21-Feb-19	Vanguard Investments Australia Ltd.	Sell	12.74	Ordinary	(1,917)	(1,917)
25-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.94	Ordinary	48,376	48,376
26-Feb-19	Vanguard Investments Australia Ltd.	Sell	12.82	Ordinary	(38,761)	(38,761)
26-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.88	Ordinary	16,280	16,280
26-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.88	Ordinary	22,863	22,863
27-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.84	Ordinary	8,093	8,093
27-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.84	Ordinary	76,904	76,904
28-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.81	Ordinary	31,202	31,202
28-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.80	Ordinary	68,817	68,817
28-Feb-19	Vanguard Investments Australia Ltd.	Buy	12.81	Ordinary	296,526	296,526
1-Mar-19	Vanguard Investments Australia Ltd.	Buy	10.76	Ordinary	23,745	23,745
4-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.32	Ordinary	(1,699)	(1,699)
5-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.20	Ordinary	(477,331)	(477,331)
5-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.15	Ordinary	(212,570)	(212,570)
5-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.11	Ordinary	(20,480)	(20,480)
6-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.59	Ordinary	(42,366)	(42,366)
6-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.59	Ordinary	(14,857)	(14,857)
7-Mar-19	Vanguard Investments Australia Ltd.	Sell	15.63	Ordinary	(200,000)	(200,000)
7-Mar-19	Vanguard Investments Australia Ltd.	Buy	15.63	Ordinary	88,880	88,880
9-Mar-19	Vanguard Investments Australia Ltd.	Buy	14.18	Ordinary	113,091	113,091
9-Mar-19	Vanguard Investments Australia Ltd.	Buy	14.18	Ordinary	163,558	163,558
10-Mar-19	Vanguard Investments Australia Ltd.	Buy	14.12	Ordinary	22,139	22,139
12-Mar-19	Vanguard Investments Australia Ltd.	Buy	14.39	Ordinary	22,663	22,663
15-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.31	Ordinary	(23,581)	(23,581)
15-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.31	Ordinary	(11,174)	(11,174)
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.32	Ordinary	645	645
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.32	Ordinary	2,000	2,000
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.32	Ordinary	2,732	2,732
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.33	Ordinary	4,509	4,509
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.32	Ordinary	4,744	4,744
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.32	Ordinary	5,702	5,702
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.33	Ordinary	13,911	13,911
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.33	Ordinary	19,020	19,020
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.31	Ordinary	22,919	22,919
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.33	Ordinary	33,018	33,018
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.33	Ordinary	39,681	39,681
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.32	Ordinary	74,024	74,024
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.33	Ordinary	515,236	515,236
19-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.32	Ordinary	68,928	68,928
20-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.29	Ordinary	(6,912)	(6,912)
21-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.25	Ordinary	24,097	24,097
22-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.39	Ordinary	(2,393)	(2,393)
22-Mar-19	Vanguard Investments Australia Ltd.	Buy	13.39	Ordinary	19,232	19,232
26-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.54	Ordinary	(14,859)	(14,859)
29-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.35	Ordinary	(326,195)	(326,195)
29-Mar-19	Vanguard Investments Australia Ltd.	Sell	13.35	Ordinary	(1,316)	(1,316)
1-Apr-19	Vanguard Investments Australia Ltd.	Sell	10.78	Ordinary	(6,665)	(6,665)
1-Apr-19	Vanguard Investments Australia Ltd.	Buy	10.71	Ordinary	9,770	9,770

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2-Apr-19	Vanguard Investments Australia Ltd.	Buy	11.69	Ordinary	23,714	23,714
2-Apr-19	Vanguard Investments Australia Ltd.	Buy	11.69	Ordinary	45,506	45,506
4-Apr-19	Vanguard Investments Australia Ltd.	Sell	13.09	Ordinary	(12,388)	(12,388)
4-Apr-19	Vanguard Investments Australia Ltd.	Buy	13.09	Ordinary	22,880	22,880
6-Apr-19	Vanguard Investments Australia Ltd.	Sell	13.67	Ordinary	(5,726)	(5,726)
6-Apr-19	Vanguard Investments Australia Ltd.	Buy	13.67	Ordinary	15,290	15,290
9-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.21	Ordinary	22,077	22,077
10-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.22	Ordinary	7,389	7,389
10-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.22	Ordinary	19,198	19,198
10-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.22	Ordinary	24,701	24,701
10-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.22	Ordinary	71,233	71,233
11-Apr-19	Vanguard Investments Australia Ltd.	Sell	14.30	Ordinary	(260,337)	(260,337)
11-Apr-19	Vanguard Investments Australia Ltd.	Sell	14.31	Ordinary	(3,776)	(3,776)
11-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.31	Ordinary	41,851	41,851
11-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.31	Ordinary	43,876	43,876
12-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	29,366	29,366
12-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	31,812	31,812
12-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	87,604	87,604
12-Apr-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	87,604	87,604
15-Apr-19	Vanguard Investments Australia Ltd.	Sell	13.04	Ordinary	(15,528)	(15,528)
15-Apr-19	Vanguard Investments Australia Ltd.	Buy	13.04	Ordinary	45,698	45,698
16-Apr-19	Vanguard Investments Australia Ltd.	Buy	12.90	Ordinary	95,878	95,878
26-Apr-19	Vanguard Investments Australia Ltd.	Sell	13.54	Ordinary	(11,634)	(11,634)
29-Apr-19	Vanguard Investments Australia Ltd.	Buy	13.34	Ordinary	45,696	45,696
29-Apr-19	Vanguard Investments Australia Ltd.	Buy	13.34	Ordinary	68,544	68,544
30-Apr-19	Vanguard Investments Australia Ltd.	Sell	13.16	Ordinary	(23,719)	(23,719)
30-Apr-19	Vanguard Investments Australia Ltd.	Buy	13.16	Ordinary	18,996	18,996
2-May-19	Vanguard Investments Australia Ltd.	Sell	11.73	Ordinary	(113,050)	(113,050)
3-May-19	Vanguard Investments Australia Ltd.	Buy	13.08	Ordinary	104,192	104,192
4-May-19	Vanguard Investments Australia Ltd.	Buy	12.92	Ordinary	19,524	19,524
4-May-19	Vanguard Investments Australia Ltd.	Buy	12.87	Ordinary	68,640	68,640
7-May-19	Vanguard Investments Australia Ltd.	Sell	16.07	Ordinary	(3,700)	(3,700)
7-May-19	Vanguard Investments Australia Ltd.	Buy	16.07	Ordinary	10,152	10,152
9-May-19	Vanguard Investments Australia Ltd.	Buy	14.00	Ordinary	37,104	37,104
9-May-19	Vanguard Investments Australia Ltd.	Buy	14.00	Ordinary	66,543	66,543
11-May-19	Vanguard Investments Australia Ltd.	Sell	14.25	Ordinary	(164,041)	(164,041)
11-May-19	Vanguard Investments Australia Ltd.	Sell	14.25	Ordinary	(66,645)	(66,645)
11-May-19	Vanguard Investments Australia Ltd.	Sell	14.25	Ordinary	(4,385)	(4,385)
11-May-19	Vanguard Investments Australia Ltd.	Buy	14.25	Ordinary	17,412	17,412
12-May-19	Vanguard Investments Australia Ltd.	Sell	14.41	Ordinary	(2,778)	(2,778)
12-May-19	Vanguard Investments Australia Ltd.	Buy	14.41	Ordinary	24,370	24,370
14-May-19	Vanguard Investments Australia Ltd.	Sell	13.35	Ordinary	(12,712)	(12,712)
14-May-19	Vanguard Investments Australia Ltd.	Sell	13.35	Ordinary	(4,407)	(4,407)
14-May-19	Vanguard Investments Australia Ltd.	Buy	13.35	Ordinary	45,354	45,354
15-May-19	Vanguard Investments Australia Ltd.	Sell	13.30	Ordinary	(9,204)	(9,204)
16-May-19	Vanguard Investments Australia Ltd.	Buy	13.51	Ordinary	28,047	28,047
17-May-19	Vanguard Investments Australia Ltd.	Buy	13.74	Ordinary	1,222	1,222
17-May-19	Vanguard Investments Australia Ltd.	Buy	13.71	Ordinary	15,910	15,910
21-May-19	Vanguard Investments Australia Ltd.	Buy	13.82	Ordinary	15,910	15,910
22-May-19	Vanguard Investments Australia Ltd.	Buy	13.71	Ordinary	14,176	14,176
22-May-19	Vanguard Investments Australia Ltd.	Buy	13.71	Ordinary	90,708	90,708
23-May-19	Vanguard Investments Australia Ltd.	Sell	13.84	Ordinary	(2,133)	(2,133)
24-May-19	Vanguard Investments Australia Ltd.	Buy	13.85	Ordinary	45,342	45,342
27-May-19	Vanguard Investments Australia Ltd.	Sell	13.78	Ordinary	(12,046)	(12,046)
28-May-19	Vanguard Investments Australia Ltd.	Sell	13.70	Ordinary	(101,942)	(101,942)
28-May-19	Vanguard Investments Australia Ltd.	Buy	13.70	Ordinary	15,290	15,290
29-May-19	Vanguard Investments Australia Ltd.	Sell	13.56	Ordinary	(22,966)	(22,966)
29-May-19	Vanguard Investments Australia Ltd.	Sell	13.54	Ordinary	(9,345)	(9,345)
29-May-19	Vanguard Investments Australia Ltd.	Buy	13.50	Ordinary	67,983	67,983
30-May-19	Vanguard Investments Australia Ltd.	Sell	13.28	Ordinary	(418,526)	(418,526)
30-May-19	Vanguard Investments Australia Ltd.	Sell	13.28	Ordinary	(17,658)	(17,658)
30-May-19	Vanguard Investments Australia Ltd.	Buy	13.28	Ordinary	45,046	45,046
30-May-19	Vanguard Investments Australia Ltd.	Buy	13.28	Ordinary	95,336	95,336
3-Jun-19	Vanguard Investments Australia Ltd.	Buy	13.16	Ordinary	1,030	1,030
5-Jun-19	Vanguard Investments Australia Ltd.	Buy	13.20	Ordinary	33,363	33,363
6-Jun-19	Vanguard Investments Australia Ltd.	Sell	14.00	Ordinary	(7,901)	(7,901)
6-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.00	Ordinary	3,832	3,832
6-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.00	Ordinary	18,348	18,348
6-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.00	Ordinary	45,050	45,050
8-Jun-19	Vanguard Investments Australia Ltd.	Sell	14.36	Ordinary	(9,591)	(9,591)
8-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.36	Ordinary	11,000	11,000
8-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.36	Ordinary	13,527	13,527
8-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.36	Ordinary	13,527	13,527
8-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.36	Ordinary	38,180	38,180
8-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.36	Ordinary	44,242	44,242
9-Jun-19	Vanguard Investments Australia Ltd.	Sell	13.68	Ordinary	(4,235)	(4,235)
11-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.15	Ordinary	57,393	57,393
11-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.15	Ordinary	87,684	87,684
12-Jun-19	Vanguard Investments Australia Ltd.	Sell	14.41	Ordinary	(479,781)	(479,781)
12-Jun-19	Vanguard Investments Australia Ltd.	Sell	14.44	Ordinary	(7,153)	(7,153)
12-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	14,928	14,928
12-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	65,703	65,703
12-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	479,781	479,781
14-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.65	Ordinary	67,575	67,575
17-Jun-19	Vanguard Investments Australia Ltd.	Sell	14.57	Ordinary	(2,522)	(2,522)
17-Jun-19	Vanguard Investments Australia Ltd.	Buy	14.57	Ordinary	12,288	12,288
19-Jun-19	Vanguard Investments Australia Ltd.	Sell	14.86	Ordinary	(2,861)	(2,861)
20-Jun-19	Vanguard Investments Australia Ltd.	Sell	14.95	Ordinary	(13,098)	(13,098)
20-Jun-19	Vanguard Investments Australia Ltd.	Sell	15.01	Ordinary	(5,951)	(5,951)
20-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.01	Ordinary	67,575	67,575
21-Jun-19	Vanguard Investments Australia Ltd.	Sell	15.08	Ordinary	(8,742)	(8,742)

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21-Jun-19	Vanguard Investments Australia Ltd.	Sell	15.08	Ordinary	(2,465)	(2,465)
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.08	Ordinary	2,559	2,559
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.08	Ordinary	2,583	2,583
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.08	Ordinary	6,106	6,106
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.08	Ordinary	8,180	8,180
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.08	Ordinary	8,256	8,256
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.08	Ordinary	9,216	9,216
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.08	Ordinary	18,463	18,463
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.08	Ordinary	19,520	19,520
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.08	Ordinary	59,013	59,013
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.08	Ordinary	90,100	90,100
25-Jun-19	Vanguard Investments Australia Ltd.	Sell	15.50	Ordinary	(41,197)	(41,197)
27-Jun-19	Vanguard Investments Australia Ltd.	Sell	15.25	Ordinary	(12,912)	(12,912)
27-Jun-19	Vanguard Investments Australia Ltd.	Sell	15.25	Ordinary	(9,108)	(9,108)
27-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.25	Ordinary	10,647	10,647
27-Jun-19	Vanguard Investments Australia Ltd.	Buy	15.25	Ordinary	91,396	91,396
28-Jun-19	Vanguard Investments Australia Ltd.	Sell	15.09	Ordinary	(429,512)	(429,512)
2-Jul-19	Vanguard Investments Australia Ltd.	Sell	11.91	Ordinary	(25,469)	(25,469)
3-Jul-19	Vanguard Investments Australia Ltd.	Sell	13.29	Ordinary	(11,039)	(11,039)
5-Jul-19	Vanguard Investments Australia Ltd.	Sell	13.06	Ordinary	(24,037)	(24,037)
5-Jul-19	Vanguard Investments Australia Ltd.	Sell	13.06	Ordinary	(4,069)	(4,069)
6-Jul-19	Vanguard Investments Australia Ltd.	Sell	14.29	Ordinary	(4,869)	(4,869)
6-Jul-19	Vanguard Investments Australia Ltd.	Sell	14.29	Ordinary	(2,191)	(2,191)
6-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.29	Ordinary	1,715	1,715
6-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.29	Ordinary	2,924	2,924
6-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.10	Ordinary	70,945	70,945
8-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.71	Ordinary	8,136	8,136
8-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.71	Ordinary	83,161	83,161
10-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.35	Ordinary	59,869	59,869
11-Jul-19	Vanguard Investments Australia Ltd.	Sell	14.42	Ordinary	(9,732)	(9,732)
11-Jul-19	Vanguard Investments Australia Ltd.	Sell	14.42	Ordinary	(2,975)	(2,975)
11-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.42	Ordinary	12,950	12,950
15-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.24	Ordinary	4,190	4,190
15-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.24	Ordinary	27,106	27,106
15-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.22	Ordinary	66,435	66,435
16-Jul-19	Vanguard Investments Australia Ltd.	Sell	15.28	Ordinary	(64,021)	(64,021)
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.32	Ordinary	6,510	6,510
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.28	Ordinary	18,132	18,132
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.32	Ordinary	21,676	21,676
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.28	Ordinary	26,457	26,457
17-Jul-19	Vanguard Investments Australia Ltd.	Sell	15.12	Ordinary	(83,000)	(83,000)
17-Jul-19	Vanguard Investments Australia Ltd.	Sell	15.12	Ordinary	(63,224)	(63,224)
17-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.12	Ordinary	44,290	44,290
18-Jul-19	Vanguard Investments Australia Ltd.	Sell	15.14	Ordinary	(6,611)	(6,611)
19-Jul-19	Vanguard Investments Australia Ltd.	Sell	15.17	Ordinary	(7,149)	(7,149)
19-Jul-19	Vanguard Investments Australia Ltd.	Sell	15.17	Ordinary	(2,535)	(2,535)
19-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.17	Ordinary	11,978	11,978
19-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.17	Ordinary	85,847	85,847
22-Jul-19	Vanguard Investments Australia Ltd.	Sell	14.95	Ordinary	(987,884)	(987,884)
22-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.95	Ordinary	44,288	44,288
22-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.95	Ordinary	66,432	66,432
23-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.17	Ordinary	44,208	44,208
24-Jul-19	Vanguard Investments Australia Ltd.	Sell	15.26	Ordinary	(3,478)	(3,478)
24-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.26	Ordinary	12,423	12,423
24-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.26	Ordinary	73,597	73,597
25-Jul-19	Vanguard Investments Australia Ltd.	Sell	15.05	Ordinary	(72,741)	(72,741)
25-Jul-19	Vanguard Investments Australia Ltd.	Sell	15.05	Ordinary	(2,026)	(2,026)
25-Jul-19	Vanguard Investments Australia Ltd.	Buy	15.05	Ordinary	66,432	66,432
26-Jul-19	Vanguard Investments Australia Ltd.	Sell	15.09	Ordinary	(3,758)	(3,758)
29-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.85	Ordinary	44,288	44,288
29-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.85	Ordinary	46,252	46,252
30-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.88	Ordinary	16,621	16,621
30-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.88	Ordinary	33,608	33,608
31-Jul-19	Vanguard Investments Australia Ltd.	Sell	14.81	Ordinary	(2,988)	(2,988)
31-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.81	Ordinary	26,234	26,234
31-Jul-19	Vanguard Investments Australia Ltd.	Buy	14.81	Ordinary	44,292	44,292
1-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.73	Ordinary	16,360	16,360
3-Aug-19	Vanguard Investments Australia Ltd.	Sell	13.36	Ordinary	(3,450)	(3,450)
4-Aug-19	Vanguard Investments Australia Ltd.	Buy	13.02	Ordinary	12,744	12,744
4-Aug-19	Vanguard Investments Australia Ltd.	Buy	13.02	Ordinary	22,880	22,880
7-Aug-19	Vanguard Investments Australia Ltd.	Buy	15.46	Ordinary	9,054	9,054
8-Aug-19	Vanguard Investments Australia Ltd.	Sell	14.91	Ordinary	(4,358)	(4,358)
8-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.91	Ordinary	16,522	16,522
8-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.91	Ordinary	41,453	41,453
8-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.91	Ordinary	66,357	66,357
13-Aug-19	Vanguard Investments Australia Ltd.	Sell	15.00	Ordinary	(6,156)	(6,156)
13-Aug-19	Vanguard Investments Australia Ltd.	Sell	15.00	Ordinary	(3,044)	(3,044)
13-Aug-19	Vanguard Investments Australia Ltd.	Buy	15.00	Ordinary	10,565	10,565
14-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.87	Ordinary	3,890	3,890
14-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.87	Ordinary	19,319	19,319
14-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.87	Ordinary	44,436	44,436
15-Aug-19	Vanguard Investments Australia Ltd.	Sell	14.59	Ordinary	(4,782)	(4,782)
16-Aug-19	Vanguard Investments Australia Ltd.	Sell	14.59	Ordinary	(34,863)	(34,863)
16-Aug-19	Vanguard Investments Australia Ltd.	Sell	14.59	Ordinary	(2,728)	(2,728)
16-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.59	Ordinary	20,154	20,154
19-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.78	Ordinary	33,261	33,261
19-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.78	Ordinary	44,400	44,400
20-Aug-19	Vanguard Investments Australia Ltd.	Sell	15.02	Ordinary	(11,467)	(11,467)
20-Aug-19	Vanguard Investments Australia Ltd.	Buy	15.02	Ordinary	10,658	10,658
20-Aug-19	Vanguard Investments Australia Ltd.	Buy	15.02	Ordinary	11,555	11,555
21-Aug-19	Vanguard Investments Australia Ltd.	Sell	15.06	Ordinary	(6,814)	(6,814)

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
21-Aug-19	Vanguard Investments Australia Ltd.	Buy	15.06	Ordinary	12,400	12,400
21-Aug-19	Vanguard Investments Australia Ltd.	Buy	15.06	Ordinary	66,597	66,597
22-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.85	Ordinary	16,978	16,978
27-Aug-19	Vanguard Investments Australia Ltd.	Sell	14.79	Ordinary	(8,974)	(8,974)
27-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.79	Ordinary	20,096	20,096
27-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.79	Ordinary	643,356	643,356
28-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.67	Ordinary	23,847	23,847
28-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.67	Ordinary	877,540	877,540
30-Aug-19	Vanguard Investments Australia Ltd.	Buy	14.52	Ordinary	42,171	42,171
1-Sep-19	Vanguard Investments Australia Ltd.	Buy	10.99	Ordinary	45,514	45,514
4-Sep-19	Vanguard Investments Australia Ltd.	Sell	12.98	Ordinary	(3,468)	(3,468)
4-Sep-19	Vanguard Investments Australia Ltd.	Buy	12.98	Ordinary	479,743	479,743
5-Sep-19	Vanguard Investments Australia Ltd.	Buy	13.11	Ordinary	68,541	68,541
7-Sep-19	Vanguard Investments Australia Ltd.	Buy	15.53	Ordinary	9,054	9,054
7-Sep-19	Vanguard Investments Australia Ltd.	Buy	15.53	Ordinary	17,941	17,941
8-Sep-19	Vanguard Investments Australia Ltd.	Sell	14.91	Ordinary	(77,893)	(77,893)
8-Sep-19	Vanguard Investments Australia Ltd.	Sell	14.91	Ordinary	(6,254)	(6,254)
8-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.91	Ordinary	13,190	13,190
8-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.91	Ordinary	66,357	66,357
9-Sep-19	Vanguard Investments Australia Ltd.	Sell	13.85	Ordinary	(7,761)	(7,761)
10-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.34	Ordinary	109,785	109,785
12-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.50	Ordinary	5,856	5,856
12-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.50	Ordinary	17,280	17,280
12-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.50	Ordinary	186,568	186,568
13-Sep-19	Vanguard Investments Australia Ltd.	Sell	13.68	Ordinary	(6,005)	(6,005)
13-Sep-19	Vanguard Investments Australia Ltd.	Buy	13.68	Ordinary	6,492	6,492
13-Sep-19	Vanguard Investments Australia Ltd.	Buy	13.68	Ordinary	66,540	66,540
16-Sep-19	Vanguard Investments Australia Ltd.	Sell	13.55	Ordinary	(12,213)	(12,213)
17-Sep-19	Vanguard Investments Australia Ltd.	Buy	13.80	Ordinary	28,804	28,804
17-Sep-19	Vanguard Investments Australia Ltd.	Buy	13.80	Ordinary	66,537	66,537
18-Sep-19	Vanguard Investments Australia Ltd.	Sell	13.90	Ordinary	(7,246)	(7,246)
19-Sep-19	Vanguard Investments Australia Ltd.	Sell	13.89	Ordinary	(4,133)	(4,133)
20-Sep-19	Vanguard Investments Australia Ltd.	Sell	13.87	Ordinary	(15,629)	(15,629)
20-Sep-19	Vanguard Investments Australia Ltd.	Sell	13.87	Ordinary	(6,494)	(6,494)
20-Sep-19	Vanguard Investments Australia Ltd.	Buy	13.83	Ordinary	7,380	7,380
20-Sep-19	Vanguard Investments Australia Ltd.	Buy	13.83	Ordinary	10,392	10,392
20-Sep-19	Vanguard Investments Australia Ltd.	Buy	13.83	Ordinary	15,130	15,130
23-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.12	Ordinary	22,380	22,380
23-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.12	Ordinary	66,234	66,234
24-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	4,147	4,147
24-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	34,456	34,456
24-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	44,156	44,156
25-Sep-19	Vanguard Investments Australia Ltd.	Sell	14.34	Ordinary	(5,049)	(5,049)
25-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.34	Ordinary	20,706	20,706
26-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.19	Ordinary	66,267	66,267
27-Sep-19	Vanguard Investments Australia Ltd.	Sell	14.05	Ordinary	(4,519)	(4,519)
27-Sep-19	Vanguard Investments Australia Ltd.	Buy	14.05	Ordinary	17,688	17,688
30-Sep-19	Vanguard Investments Australia Ltd.	Sell	14.18	Ordinary	(173,393)	(173,393)
30-Sep-19	Vanguard Investments Australia Ltd.	Sell	14.18	Ordinary	(1,520)	(1,520)
1-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.15	Ordinary	1,067	1,067
4-Oct-19	Vanguard Investments Australia Ltd.	Buy	13.18	Ordinary	22,856	22,856
5-Oct-19	Vanguard Investments Australia Ltd.	Buy	13.16	Ordinary	1,603	1,603
5-Oct-19	Vanguard Investments Australia Ltd.	Buy	13.16	Ordinary	3,173	3,173
5-Oct-19	Vanguard Investments Australia Ltd.	Buy	13.16	Ordinary	6,239	6,239
5-Oct-19	Vanguard Investments Australia Ltd.	Buy	13.17	Ordinary	14,247	14,247
5-Oct-19	Vanguard Investments Australia Ltd.	Buy	13.17	Ordinary	272,124	272,124
9-Oct-19	Vanguard Investments Australia Ltd.	Buy	13.68	Ordinary	12,864	12,864
9-Oct-19	Vanguard Investments Australia Ltd.	Buy	13.68	Ordinary	88,720	88,720
10-Oct-19	Vanguard Investments Australia Ltd.	Sell	14.20	Ordinary	(5,683)	(5,683)
12-Oct-19	Vanguard Investments Australia Ltd.	Sell	14.28	Ordinary	(11,826)	(11,826)
14-Oct-19	Vanguard Investments Australia Ltd.	Sell	14.06	Ordinary	(7,052)	(7,052)
14-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.06	Ordinary	215,163	215,163
15-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.25	Ordinary	38,377	38,377
16-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.50	Ordinary	87,824	87,824
16-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.50	Ordinary	254,979	254,979
17-Oct-19	Vanguard Investments Australia Ltd.	Sell	14.32	Ordinary	(3,890)	(3,890)
17-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.32	Ordinary	1,589	1,589
18-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.26	Ordinary	14,520	14,520
21-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.33	Ordinary	22,381	22,381
21-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.28	Ordinary	65,817	65,817
22-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.34	Ordinary	14,530	14,530
22-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.34	Ordinary	37,661	37,661
22-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.34	Ordinary	49,936	49,936
23-Oct-19	Vanguard Investments Australia Ltd.	Sell	14.22	Ordinary	(2,393)	(2,393)
23-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.22	Ordinary	8,860	8,860
23-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.22	Ordinary	16,231	16,231
23-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.22	Ordinary	17,986	17,986
24-Oct-19	Vanguard Investments Australia Ltd.	Sell	14.13	Ordinary	(4,292)	(4,292)
28-Oct-19	Vanguard Investments Australia Ltd.	Sell	14.20	Ordinary	(5,789)	(5,789)
28-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.20	Ordinary	14,530	14,530
28-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.20	Ordinary	65,814	65,814
29-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.26	Ordinary	38,501	38,501
30-Oct-19	Vanguard Investments Australia Ltd.	Sell	14.26	Ordinary	(17,177)	(17,177)
30-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.26	Ordinary	51,563	51,563
31-Oct-19	Vanguard Investments Australia Ltd.	Sell	14.39	Ordinary	(17,436)	(17,436)
31-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.39	Ordinary	27,717	27,717
31-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.39	Ordinary	34,872	34,872
31-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.41	Ordinary	54,472	54,472
31-Oct-19	Vanguard Investments Australia Ltd.	Buy	14.39	Ordinary	87,752	87,752
1-Nov-19	Vanguard Investments Australia Ltd.	Sell	11.37	Ordinary	(5,792)	(5,792)
1-Nov-19	Vanguard Investments Australia Ltd.	Buy	11.40	Ordinary	13,296	13,296

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-19	Vanguard Investments Australia Ltd.	Buy	11.37	Ordinary	19,692	19,692
3-Nov-19	Vanguard Investments Australia Ltd.	Sell	13.30	Ordinary	(6,185)	(6,185)
4-Nov-19	Vanguard Investments Australia Ltd.	Buy	13.15	Ordinary	25,976	25,976
6-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.43	Ordinary	(43,465)	(43,465)
6-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.43	Ordinary	(4,110)	(4,110)
6-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.43	Ordinary	90,096	90,096
7-Nov-19	Vanguard Investments Australia Ltd.	Buy	15.54	Ordinary	2,481	2,481
7-Nov-19	Vanguard Investments Australia Ltd.	Buy	15.51	Ordinary	9,048	9,048
7-Nov-19	Vanguard Investments Australia Ltd.	Buy	15.51	Ordinary	88,580	88,580
9-Nov-19	Vanguard Investments Australia Ltd.	Sell	13.44	Ordinary	(22,227)	(22,227)
10-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.18	Ordinary	7,716	7,716
10-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.18	Ordinary	11,632	11,632
11-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.43	Ordinary	(4,535)	(4,535)
11-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.43	Ordinary	37,596	37,596
11-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.43	Ordinary	43,842	43,842
12-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.24	Ordinary	(6,318)	(6,318)
12-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	25,721	25,721
12-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	26,757	26,757
12-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	65,700	65,700
12-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	65,700	65,700
13-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.31	Ordinary	4,350	4,350
14-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.48	Ordinary	3,886	3,886
14-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.48	Ordinary	31,056	31,056
15-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.64	Ordinary	43,840	43,840
19-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.80	Ordinary	(2,657)	(2,657)
19-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.80	Ordinary	(1,918)	(1,918)
19-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.80	Ordinary	18,824	18,824
20-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.44	Ordinary	(122,483)	(122,483)
20-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	10,136	10,136
20-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	65,712	65,712
20-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	65,712	65,712
21-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.35	Ordinary	(5,521)	(5,521)
21-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.35	Ordinary	30,408	30,408
22-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.27	Ordinary	5,829	5,829
22-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.27	Ordinary	31,742	31,742
22-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.27	Ordinary	43,812	43,812
25-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.34	Ordinary	30,574	30,574
25-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.34	Ordinary	113,933	113,933
26-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.45	Ordinary	(5,979)	(5,979)
26-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.45	Ordinary	(4,498)	(4,498)
26-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.44	Ordinary	1,339	1,339
26-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.45	Ordinary	43,812	43,812
27-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.75	Ordinary	(4,580)	(4,580)
27-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.75	Ordinary	27,574	27,574
27-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.75	Ordinary	87,620	87,620
28-Nov-19	Vanguard Investments Australia Ltd.	Sell	14.74	Ordinary	(1,202)	(1,202)
28-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.74	Ordinary	109,510	109,510
29-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.82	Ordinary	10,931	10,931
29-Nov-19	Vanguard Investments Australia Ltd.	Buy	14.82	Ordinary	17,352	17,352
3-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.28	Ordinary	(10,816)	(10,816)
4-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.12	Ordinary	(124,566)	(124,566)
4-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.12	Ordinary	(4,761)	(4,761)
6-Dec-19	Vanguard Investments Australia Ltd.	Buy	14.43	Ordinary	55,349	55,349
8-Dec-19	Vanguard Investments Australia Ltd.	Sell	15.09	Ordinary	(19,330)	(19,330)
8-Dec-19	Vanguard Investments Australia Ltd.	Buy	15.09	Ordinary	16,533	16,533
9-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.74	Ordinary	10,452	10,452
9-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.74	Ordinary	41,867	41,867
11-Dec-19	Vanguard Investments Australia Ltd.	Sell	14.24	Ordinary	(7,557)	(7,557)
11-Dec-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	15,972	15,972
11-Dec-19	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	65,763	65,763
12-Dec-19	Vanguard Investments Australia Ltd.	Sell	14.08	Ordinary	(108,677)	(108,677)
12-Dec-19	Vanguard Investments Australia Ltd.	Sell	14.08	Ordinary	(2,032)	(2,032)
13-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.67	Ordinary	14,380	14,380
13-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.67	Ordinary	87,520	87,520
13-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.67	Ordinary	87,520	87,520
16-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.88	Ordinary	(5,482)	(5,482)
17-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.94	Ordinary	(84,432)	(84,432)
17-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.94	Ordinary	(2,791)	(2,791)
18-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.86	Ordinary	(84,432)	(84,432)
18-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.84	Ordinary	(9,760)	(9,760)
18-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.84	Ordinary	(4,254)	(4,254)
18-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.84	Ordinary	20,146	20,146
18-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.87	Ordinary	52,056	52,056
18-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.84	Ordinary	87,512	87,512
19-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.89	Ordinary	(62,969)	(62,969)
19-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.89	Ordinary	(1,806)	(1,806)
19-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.84	Ordinary	22,693	22,693
19-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.89	Ordinary	87,512	87,512
20-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.74	Ordinary	(171,892)	(171,892)
20-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.74	Ordinary	(5,985)	(5,985)
20-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.73	Ordinary	4,535	4,535
20-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.73	Ordinary	4,755	4,755
20-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.73	Ordinary	87,512	87,512
23-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.66	Ordinary	(7,203)	(7,203)
23-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.66	Ordinary	65,442	65,442
27-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.75	Ordinary	50,503	50,503
30-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.65	Ordinary	11,528	11,528
31-Dec-19	Vanguard Investments Australia Ltd.	Sell	13.37	Ordinary	(2,825)	(2,825)
31-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.37	Ordinary	7,210	7,210
31-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.37	Ordinary	22,985	22,985
31-Dec-19	Vanguard Investments Australia Ltd.	Buy	13.37	Ordinary	44,134	44,134

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
4-Jan-20	Vanguard Investments Australia Ltd.	Buy	12.46	Ordinary	425	425
4-Jan-20	Vanguard Investments Australia Ltd.	Buy	12.46	Ordinary	18,616	18,616
4-Jan-20	Vanguard Investments Australia Ltd.	Buy	12.46	Ordinary	36,332	36,332
5-Jan-20	Vanguard Investments Australia Ltd.	Sell	12.95	Ordinary	(11,388)	(11,388)
5-Jan-20	Vanguard Investments Australia Ltd.	Sell	12.95	Ordinary	(5,289)	(5,289)
5-Jan-20	Vanguard Investments Australia Ltd.	Buy	12.95	Ordinary	21,630	21,630
5-Jan-20	Vanguard Investments Australia Ltd.	Buy	12.95	Ordinary	28,840	28,840
5-Jan-20	Vanguard Investments Australia Ltd.	Buy	12.95	Ordinary	64,770	64,770
6-Jan-20	Vanguard Investments Australia Ltd.	Buy	15.39	Ordinary	42,908	42,908
6-Jan-20	Vanguard Investments Australia Ltd.	Buy	15.40	Ordinary	256,053	256,053
7-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.99	Ordinary	21,450	21,450
9-Jan-20	Vanguard Investments Australia Ltd.	Sell	17.94	Ordinary	(1,105,728)	(1,105,728)
9-Jan-20	Vanguard Investments Australia Ltd.	Buy	17.94	Ordinary	2,544	2,544
9-Jan-20	Vanguard Investments Australia Ltd.	Buy	17.94	Ordinary	23,040	23,040
9-Jan-20	Vanguard Investments Australia Ltd.	Buy	17.94	Ordinary	801,340	801,340
12-Jan-20	Vanguard Investments Australia Ltd.	Buy	19.03	Ordinary	21,855	21,855
13-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.08	Ordinary	21,435	21,435
13-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.08	Ordinary	65,547	65,547
14-Jan-20	Vanguard Investments Australia Ltd.	Sell	14.17	Ordinary	(7,752)	(7,752)
14-Jan-20	Vanguard Investments Australia Ltd.	Sell	14.17	Ordinary	(2,626)	(2,626)
14-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.17	Ordinary	7,752	7,752
14-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.16	Ordinary	15,337	15,337
15-Jan-20	Vanguard Investments Australia Ltd.	Sell	14.27	Ordinary	(21,250)	(21,250)
15-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.25	Ordinary	46,545	46,545
15-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.27	Ordinary	65,547	65,547
16-Jan-20	Vanguard Investments Australia Ltd.	Sell	14.46	Ordinary	(5,033)	(5,033)
16-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.46	Ordinary	8,724	8,724
20-Jan-20	Vanguard Investments Australia Ltd.	Sell	14.67	Ordinary	(24,419)	(24,419)
20-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.67	Ordinary	65,544	65,544
21-Jan-20	Vanguard Investments Australia Ltd.	Sell	14.76	Ordinary	(33,408)	(33,408)
21-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.76	Ordinary	21,390	21,390
24-Jan-20	Vanguard Investments Australia Ltd.	Sell	15.02	Ordinary	(9,992)	(9,992)
28-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.95	Ordinary	65,541	65,541
30-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.95	Ordinary	21,195	21,195
30-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.95	Ordinary	65,538	65,538
31-Jan-20	Vanguard Investments Australia Ltd.	Sell	14.89	Ordinary	(4,372)	(4,372)
31-Jan-20	Vanguard Investments Australia Ltd.	Buy	14.89	Ordinary	19,277	19,277
1-Feb-20	Vanguard Investments Australia Ltd.	Buy	13.44	Ordinary	17,184	17,184
3-Feb-20	Vanguard Investments Australia Ltd.	Sell	14.91	Ordinary	(6,676)	(6,676)
4-Feb-20	Vanguard Investments Australia Ltd.	Sell	12.18	Ordinary	(596)	(596)
4-Feb-20	Vanguard Investments Australia Ltd.	Buy	12.18	Ordinary	21,420	21,420
4-Feb-20	Vanguard Investments Australia Ltd.	Buy	12.18	Ordinary	44,513	44,513
4-Feb-20	Vanguard Investments Australia Ltd.	Buy	12.18	Ordinary	97,538	97,538
6-Feb-20	Vanguard Investments Australia Ltd.	Sell	15.23	Ordinary	(35,136)	(35,136)
6-Feb-20	Vanguard Investments Australia Ltd.	Sell	15.24	Ordinary	(6,793)	(6,793)
6-Feb-20	Vanguard Investments Australia Ltd.	Sell	15.24	Ordinary	(6,498)	(6,498)
6-Feb-20	Vanguard Investments Australia Ltd.	Sell	15.24	Ordinary	(4,822)	(4,822)
6-Feb-20	Vanguard Investments Australia Ltd.	Sell	15.24	Ordinary	(4,215)	(4,215)
6-Feb-20	Vanguard Investments Australia Ltd.	Buy	15.24	Ordinary	74,873	74,873
10-Feb-20	Vanguard Investments Australia Ltd.	Buy	18.13	Ordinary	811	811
10-Feb-20	Vanguard Investments Australia Ltd.	Buy	18.13	Ordinary	11,696	11,696
10-Feb-20	Vanguard Investments Australia Ltd.	Buy	18.13	Ordinary	31,211	31,211
10-Feb-20	Vanguard Investments Australia Ltd.	Buy	18.13	Ordinary	34,630	34,630
11-Feb-20	Vanguard Investments Australia Ltd.	Buy	18.61	Ordinary	21,147	21,147
11-Feb-20	Vanguard Investments Australia Ltd.	Buy	18.61	Ordinary	86,076	86,076
12-Feb-20	Vanguard Investments Australia Ltd.	Buy	18.53	Ordinary	23,376	23,376
13-Feb-20	Vanguard Investments Australia Ltd.	Buy	16.30	Ordinary	87,752	87,752
17-Feb-20	Vanguard Investments Australia Ltd.	Sell	16.56	Ordinary	(26,830)	(26,830)
17-Feb-20	Vanguard Investments Australia Ltd.	Sell	16.56	Ordinary	(5,817)	(5,817)
18-Feb-20	Vanguard Investments Australia Ltd.	Sell	16.56	Ordinary	(4,583)	(4,583)
18-Feb-20	Vanguard Investments Australia Ltd.	Buy	16.56	Ordinary	1,939	1,939
19-Feb-20	Vanguard Investments Australia Ltd.	Buy	16.62	Ordinary	65,811	65,811
21-Feb-20	Vanguard Investments Australia Ltd.	Buy	16.39	Ordinary	65,808	65,808
25-Feb-20	Vanguard Investments Australia Ltd.	Buy	15.81	Ordinary	438	438
26-Feb-20	Vanguard Investments Australia Ltd.	Sell	15.50	Ordinary	(5,996)	(5,996)
26-Feb-20	Vanguard Investments Australia Ltd.	Buy	15.36	Ordinary	22,912	22,912
26-Feb-20	Vanguard Investments Australia Ltd.	Buy	15.36	Ordinary	43,878	43,878
27-Feb-20	Vanguard Investments Australia Ltd.	Buy	15.55	Ordinary	115,541	115,541
28-Feb-20	Vanguard Investments Australia Ltd.	Sell	14.98	Ordinary	(14,762)	(14,762)
28-Feb-20	Vanguard Investments Australia Ltd.	Sell	14.98	Ordinary	(11,985)	(11,985)
28-Feb-20	Vanguard Investments Australia Ltd.	Sell	14.98	Ordinary	(2,717)	(2,717)
28-Feb-20	Vanguard Investments Australia Ltd.	Sell	14.98	Ordinary	(537)	(537)
28-Feb-20	Vanguard Investments Australia Ltd.	Buy	14.98	Ordinary	21,495	21,495
28-Feb-20	Vanguard Investments Australia Ltd.	Buy	14.98	Ordinary	32,456	32,456
28-Feb-20	Vanguard Investments Australia Ltd.	Buy	14.98	Ordinary	532,036	532,036
1-Mar-20	Vanguard Investments Australia Ltd.	Sell	13.50	Ordinary	(108,270)	(108,270)
1-Mar-20	Vanguard Investments Australia Ltd.	Buy	13.50	Ordinary	3,270	3,270
1-Mar-20	Vanguard Investments Australia Ltd.	Buy	13.50	Ordinary	87,396	87,396
2-Mar-20	Vanguard Investments Australia Ltd.	Sell	14.93	Ordinary	(19,406)	(19,406)
2-Mar-20	Vanguard Investments Australia Ltd.	Sell	14.94	Ordinary	(6,043)	(6,043)
2-Mar-20	Vanguard Investments Australia Ltd.	Buy	14.94	Ordinary	65,538	65,538
3-Mar-20	Vanguard Investments Australia Ltd.	Buy	15.47	Ordinary	38,799	38,799
3-Mar-20	Vanguard Investments Australia Ltd.	Buy	15.47	Ordinary	65,514	65,514
4-Mar-20	Vanguard Investments Australia Ltd.	Sell	12.11	Ordinary	(15,759)	(15,759)
4-Mar-20	Vanguard Investments Australia Ltd.	Sell	12.11	Ordinary	(9,851)	(9,851)
4-Mar-20	Vanguard Investments Australia Ltd.	Buy	12.11	Ordinary	12,048	12,048
4-Mar-20	Vanguard Investments Australia Ltd.	Buy	12.11	Ordinary	34,370	34,370
6-Mar-20	Vanguard Investments Australia Ltd.	Buy	15.20	Ordinary	19,147	19,147
6-Mar-20	Vanguard Investments Australia Ltd.	Buy	15.33	Ordinary	360,434	360,434
7-Mar-20	Vanguard Investments Australia Ltd.	Sell	15.81	Ordinary	(4,196)	(4,196)
8-Mar-20	Vanguard Investments Australia Ltd.	Buy	16.93	Ordinary	15,729	15,729

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-Mar-20	Vanguard Investments Australia Ltd.	Buy	16.94	Ordinary	18,901	18,901
11-Mar-20	Vanguard Investments Australia Ltd.	Sell	18.69	Ordinary	(3,829)	(3,829)
11-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.69	Ordinary	14,390	14,390
12-Mar-20	Vanguard Investments Australia Ltd.	Sell	18.55	Ordinary	(500)	(500)
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.55	Ordinary	1,215	1,215
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.55	Ordinary	3,710	3,710
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.55	Ordinary	86,080	86,080
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	18.55	Ordinary	263,419	263,419
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	13.76	Ordinary	(74,311)	(74,311)
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	13.76	Ordinary	(17,372)	(17,372)
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	13.76	Ordinary	(716)	(716)
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	13.76	Ordinary	43,590	43,590
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	13.76	Ordinary	58,653	58,653
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	13.76	Ordinary	97,204	97,204
16-Mar-20	Vanguard Investments Australia Ltd.	Sell	12.94	Ordinary	(261,556)	(261,556)
16-Mar-20	Vanguard Investments Australia Ltd.	Sell	12.93	Ordinary	(60,096)	(60,096)
16-Mar-20	Vanguard Investments Australia Ltd.	Sell	12.05	Ordinary	(4,963)	(4,963)
16-Mar-20	Vanguard Investments Australia Ltd.	Buy	12.05	Ordinary	50,855	50,855
17-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.96	Ordinary	(900,000)	(900,000)
17-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.85	Ordinary	(455,013)	(455,013)
17-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.98	Ordinary	(25,924)	(25,924)
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.98	Ordinary	1,958	1,958
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.97	Ordinary	6,188	6,188
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.98	Ordinary	36,150	36,150
18-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.40	Ordinary	(878,542)	(878,542)
18-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.36	Ordinary	(21,679)	(21,679)
18-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.50	Ordinary	(18,925)	(18,925)
18-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.36	Ordinary	(8,147)	(8,147)
18-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.36	Ordinary	43,290	43,290
18-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.36	Ordinary	64,584	64,584
19-Mar-20	Vanguard Investments Australia Ltd.	Sell	10.02	Ordinary	(1,113,744)	(1,113,744)
19-Mar-20	Vanguard Investments Australia Ltd.	Sell	10.09	Ordinary	(23,889)	(23,889)
19-Mar-20	Vanguard Investments Australia Ltd.	Sell	9.70	Ordinary	(6,268)	(6,268)
19-Mar-20	Vanguard Investments Australia Ltd.	Buy	10.52	Ordinary	1,315	1,315
19-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.70	Ordinary	4,054	4,054
19-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.70	Ordinary	33,166	33,166
20-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.44	Ordinary	(6,425)	(6,425)
20-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.44	Ordinary	(3,531)	(3,531)
20-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.44	Ordinary	20,619	20,619
20-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.44	Ordinary	44,671	44,671
20-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.44	Ordinary	65,511	65,511
23-Mar-20	Vanguard Investments Australia Ltd.	Buy	10.16	Ordinary	20,090	20,090
24-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.38	Ordinary	6,766	6,766
26-Mar-20	Vanguard Investments Australia Ltd.	Buy	12.46	Ordinary	21,660	21,660
26-Mar-20	Vanguard Investments Australia Ltd.	Buy	12.46	Ordinary	371,790	371,790
27-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.13	Ordinary	(39,231)	(39,231)
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	3	3
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	4	4
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	4	4
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	5	5
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	11	11
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	18	18
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	37	37
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	38	38
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	50	50
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	80	80
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	2,605	2,605
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	3,927	3,927
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	4,030	4,030
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	4,729	4,729
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	11,749	11,749
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	18,139	18,139
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.13	Ordinary	36,325	36,325
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	37,930	37,930
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	39,588	39,588
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	51,610	51,610
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.13	Ordinary	65,610	65,610
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	82,942	82,942
27-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.13	Ordinary	87,480	87,480
30-Mar-20	Vanguard Investments Australia Ltd.	Sell	11.93	Ordinary	(4,490)	(4,490)
30-Mar-20	Vanguard Investments Australia Ltd.	Buy	11.93	Ordinary	220,810	220,810
31-Mar-20	Vanguard Investments Australia Ltd.	Sell	12.08	Ordinary	(778,907)	(778,907)
31-Mar-20	Vanguard Investments Australia Ltd.	Sell	12.10	Ordinary	(150,949)	(150,949)
31-Mar-20	Vanguard Investments Australia Ltd.	Sell	12.10	Ordinary	(2,110)	(2,110)
31-Mar-20	Vanguard Investments Australia Ltd.	Buy	12.10	Ordinary	3,914	3,914
31-Mar-20	Vanguard Investments Australia Ltd.	Buy	12.10	Ordinary	29,060	29,060
31-Mar-20	Vanguard Investments Australia Ltd.	Buy	12.10	Ordinary	87,644	87,644
3-Apr-20	Vanguard Investments Australia Ltd.	Sell	15.15	Ordinary	(5,491)	(5,491)
3-Apr-20	Vanguard Investments Australia Ltd.	Buy	15.15	Ordinary	14,612	14,612
3-Apr-20	Vanguard Investments Australia Ltd.	Buy	15.15	Ordinary	24,429	24,429
5-Apr-20	Vanguard Investments Australia Ltd.	Buy	13.27	Ordinary	40,432	40,432
6-Apr-20	Vanguard Investments Australia Ltd.	Sell	15.23	Ordinary	(60,223)	(60,223)
6-Apr-20	Vanguard Investments Australia Ltd.	Buy	15.23	Ordinary	85,816	85,816
6-Apr-20	Vanguard Investments Australia Ltd.	Buy	15.23	Ordinary	85,816	85,816
6-Apr-20	Vanguard Investments Australia Ltd.	Buy	15.23	Ordinary	244,973	244,973
9-Apr-20	Vanguard Investments Australia Ltd.	Buy	18.15	Ordinary	4,746	4,746
11-Apr-20	Vanguard Investments Australia Ltd.	Sell	18.93	Ordinary	(86,076)	(86,076)
11-Apr-20	Vanguard Investments Australia Ltd.	Buy	18.93	Ordinary	983	983
11-Apr-20	Vanguard Investments Australia Ltd.	Buy	18.93	Ordinary	21,615	21,615
12-Apr-20	Vanguard Investments Australia Ltd.	Buy	18.44	Ordinary	14,600	14,600
14-Apr-20	Vanguard Investments Australia Ltd.	Sell	13.49	Ordinary	(81,187)	(81,187)



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-20	Vanguard Investments Australia Ltd.	Buy	13.49	Ordinary	86,604	86,604
14-Apr-20	Vanguard Investments Australia Ltd.	Buy	13.49	Ordinary	86,604	86,604
14-Apr-20	Vanguard Investments Australia Ltd.	Buy	13.49	Ordinary	86,604	86,604
15-Apr-20	Vanguard Investments Australia Ltd.	Buy	13.22	Ordinary	28,640	28,640
16-Apr-20	Vanguard Investments Australia Ltd.	Buy	13.47	Ordinary	172,807	172,807
20-Apr-20	Vanguard Investments Australia Ltd.	Sell	13.20	Ordinary	(2,187)	(2,187)
21-Apr-20	Vanguard Investments Australia Ltd.	Sell	12.62	Ordinary	(4,218)	(4,218)
21-Apr-20	Vanguard Investments Australia Ltd.	Buy	12.78	Ordinary	6,764	6,764
21-Apr-20	Vanguard Investments Australia Ltd.	Buy	12.62	Ordinary	24,395	24,395
21-Apr-20	Vanguard Investments Australia Ltd.	Buy	12.62	Ordinary	28,700	28,700
22-Apr-20	Vanguard Investments Australia Ltd.	Sell	12.93	Ordinary	(174,064)	(174,064)
22-Apr-20	Vanguard Investments Australia Ltd.	Buy	12.94	Ordinary	86,360	86,360
23-Apr-20	Vanguard Investments Australia Ltd.	Sell	12.84	Ordinary	(185,092)	(185,092)
23-Apr-20	Vanguard Investments Australia Ltd.	Buy	12.84	Ordinary	21,555	21,555
24-Apr-20	Vanguard Investments Australia Ltd.	Sell	12.95	Ordinary	(19,285)	(19,285)
28-Apr-20	Vanguard Investments Australia Ltd.	Sell	13.11	Ordinary	(8,201)	(8,201)
28-Apr-20	Vanguard Investments Australia Ltd.	Sell	13.11	Ordinary	(5,232)	(5,232)
28-Apr-20	Vanguard Investments Australia Ltd.	Sell	13.11	Ordinary	(3,393)	(3,393)
28-Apr-20	Vanguard Investments Australia Ltd.	Sell	13.11	Ordinary	(660)	(660)
28-Apr-20	Vanguard Investments Australia Ltd.	Buy	13.11	Ordinary	25,902	25,902
28-Apr-20	Vanguard Investments Australia Ltd.	Buy	13.11	Ordinary	86,360	86,360
29-Apr-20	Vanguard Investments Australia Ltd.	Sell	13.14	Ordinary	(6,170)	(6,170)
29-Apr-20	Vanguard Investments Australia Ltd.	Sell	13.14	Ordinary	(1,441)	(1,441)
30-Apr-20	Vanguard Investments Australia Ltd.	Sell	13.15	Ordinary	(20,448)	(20,448)
30-Apr-20	Vanguard Investments Australia Ltd.	Sell	13.15	Ordinary	(13,554)	(13,554)
30-Apr-20	Vanguard Investments Australia Ltd.	Buy	13.15	Ordinary	86,360	86,360
2-May-20	Vanguard Investments Australia Ltd.	Buy	15.21	Ordinary	1,938	1,938
3-May-20	Vanguard Investments Australia Ltd.	Sell	15.65	Ordinary	(4,579)	(4,579)
3-May-20	Vanguard Investments Australia Ltd.	Sell	15.65	Ordinary	(3,114)	(3,114)
3-May-20	Vanguard Investments Australia Ltd.	Buy	15.65	Ordinary	860	860
5-May-20	Vanguard Investments Australia Ltd.	Sell	13.60	Ordinary	(9,839)	(9,839)
5-May-20	Vanguard Investments Australia Ltd.	Sell	13.60	Ordinary	(5,575)	(5,575)
5-May-20	Vanguard Investments Australia Ltd.	Sell	13.60	Ordinary	(1,824)	(1,824)
5-May-20	Vanguard Investments Australia Ltd.	Sell	13.60	Ordinary	(1,574)	(1,574)
5-May-20	Vanguard Investments Australia Ltd.	Sell	13.60	Ordinary	(378)	(378)
6-May-20	Vanguard Investments Australia Ltd.	Sell	15.05	Ordinary	(19,976)	(19,976)
6-May-20	Vanguard Investments Australia Ltd.	Buy	15.05	Ordinary	17,304	17,304
6-May-20	Vanguard Investments Australia Ltd.	Buy	15.05	Ordinary	21,630	21,630
8-May-20	Vanguard Investments Australia Ltd.	Sell	17.42	Ordinary	(5,828)	(5,828)
8-May-20	Vanguard Investments Australia Ltd.	Buy	17.42	Ordinary	21,435	21,435
10-May-20	Vanguard Investments Australia Ltd.	Buy	18.39	Ordinary	21,705	21,705
11-May-20	Vanguard Investments Australia Ltd.	Buy	19.15	Ordinary	2,623	2,623
11-May-20	Vanguard Investments Australia Ltd.	Buy	19.63	Ordinary	2,884	2,884
11-May-20	Vanguard Investments Australia Ltd.	Buy	19.15	Ordinary	27,095	27,095
13-May-20	Vanguard Investments Australia Ltd.	Buy	14.24	Ordinary	21,585	21,585
15-May-20	Vanguard Investments Australia Ltd.	Buy	14.22	Ordinary	3,822	3,822
15-May-20	Vanguard Investments Australia Ltd.	Buy	14.22	Ordinary	18,903	18,903
18-May-20	Vanguard Investments Australia Ltd.	Buy	14.31	Ordinary	31,946	31,946
19-May-20	Vanguard Investments Australia Ltd.	Sell	14.64	Ordinary	(647)	(647)
19-May-20	Vanguard Investments Australia Ltd.	Buy	14.64	Ordinary	28,800	28,800
19-May-20	Vanguard Investments Australia Ltd.	Buy	14.65	Ordinary	585,420	585,420
20-May-20	Vanguard Investments Australia Ltd.	Sell	14.75	Ordinary	(2,732)	(2,732)
20-May-20	Vanguard Investments Australia Ltd.	Buy	14.75	Ordinary	23,024	23,024
21-May-20	Vanguard Investments Australia Ltd.	Buy	14.75	Ordinary	64,356	64,356
22-May-20	Vanguard Investments Australia Ltd.	Buy	14.65	Ordinary	17,268	17,268
25-May-20	Vanguard Investments Australia Ltd.	Sell	14.92	Ordinary	(3,059)	(3,059)
25-May-20	Vanguard Investments Australia Ltd.	Buy	14.92	Ordinary	7,852	7,852
25-May-20	Vanguard Investments Australia Ltd.	Buy	14.92	Ordinary	14,390	14,390
26-May-20	Vanguard Investments Australia Ltd.	Sell	15.49	Ordinary	(11,572)	(11,572)
26-May-20	Vanguard Investments Australia Ltd.	Buy	15.49	Ordinary	21,585	21,585
26-May-20	Vanguard Investments Australia Ltd.	Buy	15.49	Ordinary	181,048	181,048
27-May-20	Vanguard Investments Australia Ltd.	Buy	15.45	Ordinary	8,900	8,900
27-May-20	Vanguard Investments Australia Ltd.	Buy	15.45	Ordinary	176,302	176,302
28-May-20	Vanguard Investments Australia Ltd.	Sell	15.41	Ordinary	(52,139)	(52,139)
28-May-20	Vanguard Investments Australia Ltd.	Sell	15.41	Ordinary	(1,036)	(1,036)
28-May-20	Vanguard Investments Australia Ltd.	Sell	15.41	Ordinary	(388)	(388)
28-May-20	Vanguard Investments Australia Ltd.	Buy	15.41	Ordinary	3,824	3,824
28-May-20	Vanguard Investments Australia Ltd.	Buy	15.41	Ordinary	8,450	8,450
28-May-20	Vanguard Investments Australia Ltd.	Buy	15.41	Ordinary	85,816	85,816
29-May-20	Vanguard Investments Australia Ltd.	Sell	15.37	Ordinary	(21,848)	(21,848)
29-May-20	Vanguard Investments Australia Ltd.	Sell	15.37	Ordinary	(7,995)	(7,995)
29-May-20	Vanguard Investments Australia Ltd.	Buy	15.38	Ordinary	8,476	8,476
29-May-20	Vanguard Investments Australia Ltd.	Buy	15.37	Ordinary	21,104	21,104
29-May-20	Vanguard Investments Australia Ltd.	Buy	15.37	Ordinary	21,645	21,645
1-Jun-20	Vanguard Investments Australia Ltd.	Sell	13.58	Ordinary	(6,628)	(6,628)
1-Jun-20	Vanguard Investments Australia Ltd.	Buy	13.43	Ordinary	6,499	6,499
3-Jun-20	Vanguard Investments Australia Ltd.	Sell	15.20	Ordinary	(15,054)	(15,054)
5-Jun-20	Vanguard Investments Australia Ltd.	Sell	13.54	Ordinary	(6,819)	(6,819)
7-Jun-20	Vanguard Investments Australia Ltd.	Sell	15.68	Ordinary	(2,700)	(2,700)
7-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.68	Ordinary	85,816	85,816
8-Jun-20	Vanguard Investments Australia Ltd.	Sell	17.54	Ordinary	(3,600)	(3,600)
10-Jun-20	Vanguard Investments Australia Ltd.	Sell	18.31	Ordinary	(21,167)	(21,167)
10-Jun-20	Vanguard Investments Australia Ltd.	Sell	18.31	Ordinary	(6,466)	(6,466)
10-Jun-20	Vanguard Investments Australia Ltd.	Buy	18.31	Ordinary	713	713
10-Jun-20	Vanguard Investments Australia Ltd.	Buy	18.29	Ordinary	1,676	1,676
10-Jun-20	Vanguard Investments Australia Ltd.	Buy	18.29	Ordinary	5,448	5,448
10-Jun-20	Vanguard Investments Australia Ltd.	Buy	18.29	Ordinary	5,904	5,904
10-Jun-20	Vanguard Investments Australia Ltd.	Buy	18.29	Ordinary	6,685	6,685
10-Jun-20	Vanguard Investments Australia Ltd.	Buy	18.29	Ordinary	9,901	9,901
10-Jun-20	Vanguard Investments Australia Ltd.	Buy	18.31	Ordinary	14,470	14,470
10-Jun-20	Vanguard Investments Australia Ltd.	Buy	18.29	Ordinary	26,408	26,408

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
10-Jun-20	Vanguard Investments Australia Ltd.	Buy	18.29	Ordinary	49,063	49,063
10-Jun-20	Vanguard Investments Australia Ltd.	Buy	18.29	Ordinary	56,890	56,890
15-Jun-20	Vanguard Investments Australia Ltd.	Buy	14.53	Ordinary	28,780	28,780
16-Jun-20	Vanguard Investments Australia Ltd.	Buy	14.85	Ordinary	14,380	14,380
17-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.24	Ordinary	21,585	21,585
19-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.27	Ordinary	355	355
19-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.25	Ordinary	2,880	2,880
19-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.27	Ordinary	4,211	4,211
19-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.27	Ordinary	7,048	7,048
19-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.27	Ordinary	17,130	17,130
19-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.27	Ordinary	22,350	22,350
19-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.27	Ordinary	25,701	25,701
19-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.27	Ordinary	81,589	81,589
19-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.27	Ordinary	836,285	836,285
23-Jun-20	Vanguard Investments Australia Ltd.	Sell	15.17	Ordinary	(24,446)	(24,446)
23-Jun-20	Vanguard Investments Australia Ltd.	Sell	15.17	Ordinary	(9,424)	(9,424)
23-Jun-20	Vanguard Investments Australia Ltd.	Sell	15.17	Ordinary	(4,079)	(4,079)
23-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.17	Ordinary	25,202	25,202
24-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.26	Ordinary	7,425	7,425
25-Jun-20	Vanguard Investments Australia Ltd.	Buy	14.90	Ordinary	33,005	33,005
25-Jun-20	Vanguard Investments Australia Ltd.	Buy	14.90	Ordinary	85,564	85,564
29-Jun-20	Vanguard Investments Australia Ltd.	Sell	15.01	Ordinary	(219,032)	(219,032)
29-Jun-20	Vanguard Investments Australia Ltd.	Buy	15.03	Ordinary	86,740	86,740
30-Jun-20	Vanguard Investments Australia Ltd.	Sell	14.87	Ordinary	(387,633)	(387,633)
30-Jun-20	Vanguard Investments Australia Ltd.	Sell	14.94	Ordinary	(283,434)	(283,434)
30-Jun-20	Vanguard Investments Australia Ltd.	Sell	14.88	Ordinary	(14,287)	(14,287)
1-Jul-20	Vanguard Investments Australia Ltd.	Buy	13.85	Ordinary	8,580	8,580
1-Jul-20	Vanguard Investments Australia Ltd.	Buy	13.77	Ordinary	47,596	47,596
2-Jul-20	Vanguard Investments Australia Ltd.	Sell	15.24	Ordinary	(3,765)	(3,765)
2-Jul-20	Vanguard Investments Australia Ltd.	Buy	15.24	Ordinary	14,100	14,100
4-Jul-20	Vanguard Investments Australia Ltd.	Buy	12.82	Ordinary	4,992	4,992
4-Jul-20	Vanguard Investments Australia Ltd.	Buy	12.82	Ordinary	50,050	50,050
4-Jul-20	Vanguard Investments Australia Ltd.	Buy	12.82	Ordinary	108,275	108,275
7-Jul-20	Vanguard Investments Australia Ltd.	Sell	15.73	Ordinary	(3,777)	(3,777)
8-Jul-20	Vanguard Investments Australia Ltd.	Buy	17.56	Ordinary	28,600	28,600
9-Jul-20	Vanguard Investments Australia Ltd.	Sell	18.10	Ordinary	(4,571)	(4,571)
9-Jul-20	Vanguard Investments Australia Ltd.	Buy	18.10	Ordinary	18,811	18,811
10-Jul-20	Vanguard Investments Australia Ltd.	Buy	18.62	Ordinary	86,140	86,140
12-Jul-20	Vanguard Investments Australia Ltd.	Sell	18.46	Ordinary	(4,472)	(4,472)
13-Jul-20	Vanguard Investments Australia Ltd.	Buy	15.57	Ordinary	4,016	4,016
16-Jul-20	Vanguard Investments Australia Ltd.	Sell	15.53	Ordinary	(12,870)	(12,870)
16-Jul-20	Vanguard Investments Australia Ltd.	Sell	15.53	Ordinary	(6,024)	(6,024)
17-Jul-20	Vanguard Investments Australia Ltd.	Sell	15.59	Ordinary	(2,170)	(2,170)
20-Jul-20	Vanguard Investments Australia Ltd.	Sell	15.82	Ordinary	(2,930)	(2,930)
23-Jul-20	Vanguard Investments Australia Ltd.	Sell	16.31	Ordinary	(30,908)	(30,908)
24-Jul-20	Vanguard Investments Australia Ltd.	Buy	16.26	Ordinary	29,961	29,961
24-Jul-20	Vanguard Investments Australia Ltd.	Buy	16.26	Ordinary	85,800	85,800
27-Jul-20	Vanguard Investments Australia Ltd.	Sell	16.55	Ordinary	(5,381)	(5,381)
28-Jul-20	Vanguard Investments Australia Ltd.	Buy	16.50	Ordinary	6,137	6,137
28-Jul-20	Vanguard Investments Australia Ltd.	Buy	16.50	Ordinary	21,450	21,450
30-Jul-20	Vanguard Investments Australia Ltd.	Buy	17.01	Ordinary	18,590	18,590
31-Jul-20	Vanguard Investments Australia Ltd.	Sell	16.93	Ordinary	(3,340)	(3,340)
31-Jul-20	Vanguard Investments Australia Ltd.	Buy	16.93	Ordinary	47,474	47,474
1-Aug-20	Vanguard Investments Australia Ltd.	Buy	13.85	Ordinary	21,450	21,450
1-Aug-20	Vanguard Investments Australia Ltd.	Buy	13.85	Ordinary	43,698	43,698
4-Aug-20	Vanguard Investments Australia Ltd.	Buy	12.95	Ordinary	27,784	27,784
5-Aug-20	Vanguard Investments Australia Ltd.	Buy	14.36	Ordinary	1,438	1,438
7-Aug-20	Vanguard Investments Australia Ltd.	Sell	15.30	Ordinary	(1,051,907)	(1,051,907)
7-Aug-20	Vanguard Investments Australia Ltd.	Sell	15.30	Ordinary	(176,547)	(176,547)
9-Aug-20	Vanguard Investments Australia Ltd.	Buy	18.23	Ordinary	3,011	3,011
10-Aug-20	Vanguard Investments Australia Ltd.	Sell	18.69	Ordinary	(150,745)	(150,745)
12-Aug-20	Vanguard Investments Australia Ltd.	Sell	18.42	Ordinary	(1,401)	(1,401)
13-Aug-20	Vanguard Investments Australia Ltd.	Sell	17.93	Ordinary	(6,000)	(6,000)
13-Aug-20	Vanguard Investments Australia Ltd.	Buy	17.93	Ordinary	73,446	73,446
17-Aug-20	Vanguard Investments Australia Ltd.	Sell	18.38	Ordinary	(20,282)	(20,282)
19-Aug-20	Vanguard Investments Australia Ltd.	Sell	18.28	Ordinary	(128,544)	(128,544)
20-Aug-20	Vanguard Investments Australia Ltd.	Sell	18.24	Ordinary	(7,409)	(7,409)
25-Aug-20	Vanguard Investments Australia Ltd.	Buy	18.02	Ordinary	21,555	21,555
31-Aug-20	Vanguard Investments Australia Ltd.	Sell	18.33	Ordinary	(12,902)	(12,902)
1-Sep-20	Vanguard Investments Australia Ltd.	Sell	14.04	Ordinary	(11,424)	(11,424)
1-Sep-20	Vanguard Investments Australia Ltd.	Buy	14.04	Ordinary	43,698	43,698
3-Sep-20	Vanguard Investments Australia Ltd.	Sell	14.38	Ordinary	(6,751)	(6,751)
3-Sep-20	Vanguard Investments Australia Ltd.	Sell	14.38	Ordinary	(6,164)	(6,164)
3-Sep-20	Vanguard Investments Australia Ltd.	Buy	14.38	Ordinary	50,610	50,610
3-Sep-20	Vanguard Investments Australia Ltd.	Buy	14.38	Ordinary	63,334	63,334
4-Sep-20	Vanguard Investments Australia Ltd.	Sell	13.86	Ordinary	(91,811)	(91,811)
4-Sep-20	Vanguard Investments Australia Ltd.	Sell	13.86	Ordinary	(7,328)	(7,328)
4-Sep-20	Vanguard Investments Australia Ltd.	Buy	13.86	Ordinary	3,856	3,856
4-Sep-20	Vanguard Investments Australia Ltd.	Buy	13.72	Ordinary	17,189	17,189
4-Sep-20	Vanguard Investments Australia Ltd.	Buy	13.86	Ordinary	19,166	19,166
4-Sep-20	Vanguard Investments Australia Ltd.	Buy	13.86	Ordinary	48,620	48,620
6-Sep-20	Vanguard Investments Australia Ltd.	Sell	14.88	Ordinary	(11,136)	(11,136)
6-Sep-20	Vanguard Investments Australia Ltd.	Buy	15.23	Ordinary	9,684	9,684
7-Sep-20	Vanguard Investments Australia Ltd.	Sell	15.22	Ordinary	(432,533)	(432,533)
9-Sep-20	Vanguard Investments Australia Ltd.	Sell	17.85	Ordinary	(27,583)	(27,583)
9-Sep-20	Vanguard Investments Australia Ltd.	Buy	17.85	Ordinary	26,028	26,028
11-Sep-20	Vanguard Investments Australia Ltd.	Sell	19.97	Ordinary	(6,907)	(6,907)
11-Sep-20	Vanguard Investments Australia Ltd.	Sell	19.97	Ordinary	(4,555)	(4,555)
12-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.17	Ordinary	1,066	1,066
16-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.54	Ordinary	7,225	7,225
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	205	205

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-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	942	942
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	2,419	2,419
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	3,227	3,227
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	3,281	3,281
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.13	Ordinary	7,220	7,220
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	7,834	7,834
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.13	Ordinary	11,552	11,552
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	11,597	11,597
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	14,577	14,577
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	19,554	19,554
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	22,091	22,091
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	126,280	126,280
18-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	231,538	231,538
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	154	154
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	355	355
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	395	395
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	527	527
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	536	536
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	1,280	1,280
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	1,473	1,473
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	1,895	1,895
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	2,381	2,381
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	3,195	3,195
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	3,609	3,609
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	3,783	3,783
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.13	Ordinary	4,380	4,380
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	5,046	5,046
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	5,130	5,130
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	12,251	12,251
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	18,136	18,136
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	20,634	20,634
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	22,796	22,796
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	30,578	30,578
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	34,546	34,546
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.05	Ordinary	37,837	37,837
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	197,472	197,472
21-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.07	Ordinary	362,062	362,062
22-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.09	Ordinary	76	76
22-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.02	Ordinary	1,823	1,823
22-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.09	Ordinary	2,907	2,907
22-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.09	Ordinary	46,865	46,865
22-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.09	Ordinary	85,931	85,931
22-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.02	Ordinary	86,188	86,188
23-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.34	Ordinary	130,804	130,804
24-Sep-20	Vanguard Investments Australia Ltd.	Sell	18.17	Ordinary	(218,871)	(218,871)
24-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.19	Ordinary	7,598	7,598
25-Sep-20	Vanguard Investments Australia Ltd.	Sell	18.24	Ordinary	(13,106)	(13,106)
25-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.24	Ordinary	14,620	14,620
29-Sep-20	Vanguard Investments Australia Ltd.	Sell	18.17	Ordinary	(210,240)	(210,240)
29-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.18	Ordinary	4,386	4,386
29-Sep-20	Vanguard Investments Australia Ltd.	Buy	18.18	Ordinary	107,875	107,875
30-Sep-20	Vanguard Investments Australia Ltd.	Sell	17.94	Ordinary	(192,419)	(192,419)
30-Sep-20	Vanguard Investments Australia Ltd.	Sell	17.94	Ordinary	(4,255)	(4,255)
30-Sep-20	Vanguard Investments Australia Ltd.	Buy	17.94	Ordinary	14,620	14,620
30-Sep-20	Vanguard Investments Australia Ltd.	Buy	17.94	Ordinary	78,260	78,260
1-Oct-20	Vanguard Investments Australia Ltd.	Sell	14.03	Ordinary	(59,751)	(59,751)
2-Oct-20	Vanguard Investments Australia Ltd.	Buy	15.21	Ordinary	35,814	35,814
3-Oct-20	Vanguard Investments Australia Ltd.	Sell	13.98	Ordinary	(5,216)	(5,216)
3-Oct-20	Vanguard Investments Australia Ltd.	Buy	13.98	Ordinary	18,687	18,687
3-Oct-20	Vanguard Investments Australia Ltd.	Buy	13.98	Ordinary	43,664	43,664
3-Oct-20	Vanguard Investments Australia Ltd.	Buy	13.98	Ordinary	79,047	79,047
6-Oct-20	Vanguard Investments Australia Ltd.	Sell	14.70	Ordinary	(43,140)	(43,140)
6-Oct-20	Vanguard Investments Australia Ltd.	Sell	14.70	Ordinary	(7,572)	(7,572)
6-Oct-20	Vanguard Investments Australia Ltd.	Buy	14.70	Ordinary	21,197	21,197
6-Oct-20	Vanguard Investments Australia Ltd.	Buy	14.70	Ordinary	200,738	200,738
7-Oct-20	Vanguard Investments Australia Ltd.	Buy	15.24	Ordinary	2,008	2,008
7-Oct-20	Vanguard Investments Australia Ltd.	Buy	15.24	Ordinary	37,423	37,423
9-Oct-20	Vanguard Investments Australia Ltd.	Buy	17.93	Ordinary	1,258	1,258
11-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.30	Ordinary	(11,767)	(11,767)
11-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.30	Ordinary	24,548	24,548
12-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.15	Ordinary	(13,577)	(13,577)
13-Oct-20	Vanguard Investments Australia Ltd.	Buy	19.05	Ordinary	14,420	14,420
14-Oct-20	Vanguard Investments Australia Ltd.	Sell	19.22	Ordinary	(2,919)	(2,919)
15-Oct-20	Vanguard Investments Australia Ltd.	Buy	19.19	Ordinary	86,132	86,132
15-Oct-20	Vanguard Investments Australia Ltd.	Buy	19.18	Ordinary	464,458	464,458
16-Oct-20	Vanguard Investments Australia Ltd.	Sell	19.11	Ordinary	(6,130)	(6,130)
19-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.89	Ordinary	(98,420)	(98,420)
19-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.89	Ordinary	(2,498)	(2,498)
19-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.89	Ordinary	(1,549)	(1,549)
20-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.78	Ordinary	(86,132)	(86,132)
20-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.78	Ordinary	82,308	82,308
21-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.50	Ordinary	(4,876)	(4,876)
22-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.46	Ordinary	1,108	1,108
22-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.46	Ordinary	86,132	86,132
23-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.47	Ordinary	14,400	14,400
27-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.49	Ordinary	(4,385)	(4,385)
27-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.49	Ordinary	144,927	144,927
28-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.51	Ordinary	(36,876)	(36,876)
28-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.51	Ordinary	(23,343)	(23,343)
28-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.51	Ordinary	14,380	14,380
29-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.23	Ordinary	(16,947)	(16,947)

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-20	Vanguard Investments Australia Ltd.	Buy	18.23	Ordinary	12,130	12,130
29-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.23	Ordinary	26,946	26,946
30-Oct-20	Vanguard Investments Australia Ltd.	Sell	18.40	Ordinary	(3,286)	(3,286)
30-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.40	Ordinary	29,115	29,115
30-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.40	Ordinary	30,048	30,048
30-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.40	Ordinary	40,095	40,095
30-Oct-20	Vanguard Investments Australia Ltd.	Buy	18.40	Ordinary	59,072	59,072
2-Nov-20	Vanguard Investments Australia Ltd.	Buy	15.28	Ordinary	28,200	28,200
2-Nov-20	Vanguard Investments Australia Ltd.	Buy	15.26	Ordinary	53,675	53,675
2-Nov-20	Vanguard Investments Australia Ltd.	Buy	15.28	Ordinary	87,380	87,380
3-Nov-20	Vanguard Investments Australia Ltd.	Buy	14.20	Ordinary	7,238	7,238
3-Nov-20	Vanguard Investments Australia Ltd.	Buy	14.03	Ordinary	28,980	28,980
3-Nov-20	Vanguard Investments Australia Ltd.	Buy	14.03	Ordinary	36,225	36,225
5-Nov-20	Vanguard Investments Australia Ltd.	Buy	14.58	Ordinary	129,138	129,138
5-Nov-20	Vanguard Investments Australia Ltd.	Buy	14.58	Ordinary	287,581	287,581
6-Nov-20	Vanguard Investments Australia Ltd.	Sell	14.89	Ordinary	(4,006)	(4,006)
6-Nov-20	Vanguard Investments Australia Ltd.	Sell	14.89	Ordinary	(2,300)	(2,300)
6-Nov-20	Vanguard Investments Australia Ltd.	Buy	14.89	Ordinary	4,024	4,024
6-Nov-20	Vanguard Investments Australia Ltd.	Buy	14.89	Ordinary	21,615	21,615
6-Nov-20	Vanguard Investments Australia Ltd.	Buy	14.89	Ordinary	84,776	84,776
6-Nov-20	Vanguard Investments Australia Ltd.	Buy	14.89	Ordinary	105,970	105,970
8-Nov-20	Vanguard Investments Australia Ltd.	Sell	17.90	Ordinary	(16,873)	(16,873)
8-Nov-20	Vanguard Investments Australia Ltd.	Sell	17.90	Ordinary	(450)	(450)
11-Nov-20	Vanguard Investments Australia Ltd.	Sell	19.14	Ordinary	(20,492)	(20,492)
11-Nov-20	Vanguard Investments Australia Ltd.	Buy	19.13	Ordinary	340,827	340,827
12-Nov-20	Vanguard Investments Australia Ltd.	Buy	17.82	Ordinary	3,642	3,642
12-Nov-20	Vanguard Investments Australia Ltd.	Buy	17.82	Ordinary	19,019	19,019
13-Nov-20	Vanguard Investments Australia Ltd.	Buy	19.25	Ordinary	24,582	24,582
13-Nov-20	Vanguard Investments Australia Ltd.	Buy	19.25	Ordinary	76,638	76,638
17-Nov-20	Vanguard Investments Australia Ltd.	Sell	18.76	Ordinary	(27,154)	(27,154)
17-Nov-20	Vanguard Investments Australia Ltd.	Buy	18.76	Ordinary	14,480	14,480
18-Nov-20	Vanguard Investments Australia Ltd.	Buy	18.59	Ordinary	43,036	43,036
18-Nov-20	Vanguard Investments Australia Ltd.	Buy	18.59	Ordinary	129,108	129,108
19-Nov-20	Vanguard Investments Australia Ltd.	Sell	18.68	Ordinary	(4,338)	(4,338)
20-Nov-20	Vanguard Investments Australia Ltd.	Buy	18.51	Ordinary	2,432	2,432
20-Nov-20	Vanguard Investments Australia Ltd.	Buy	18.51	Ordinary	4,864	4,864
20-Nov-20	Vanguard Investments Australia Ltd.	Buy	18.51	Ordinary	86,084	86,084
23-Nov-20	Vanguard Investments Australia Ltd.	Buy	18.43	Ordinary	17,424	17,424
25-Nov-20	Vanguard Investments Australia Ltd.	Buy	18.55	Ordinary	42,137	42,137
26-Nov-20	Vanguard Investments Australia Ltd.	Sell	18.44	Ordinary	(37,227)	(37,227)
26-Nov-20	Vanguard Investments Australia Ltd.	Sell	18.44	Ordinary	(7,558)	(7,558)
26-Nov-20	Vanguard Investments Australia Ltd.	Buy	18.44	Ordinary	86,084	86,084
26-Nov-20	Vanguard Investments Australia Ltd.	Buy	18.44	Ordinary	250,157	250,157
27-Nov-20	Vanguard Investments Australia Ltd.	Sell	18.61	Ordinary	(4,771)	(4,771)
30-Nov-20	Vanguard Investments Australia Ltd.	Sell	18.68	Ordinary	(17,952)	(17,952)
30-Nov-20	Vanguard Investments Australia Ltd.	Sell	18.68	Ordinary	(9,379)	(9,379)
30-Nov-20	Vanguard Investments Australia Ltd.	Sell	18.68	Ordinary	(3,139)	(3,139)
2-Dec-20	Vanguard Investments Australia Ltd.	Sell	15.40	Ordinary	(3,435)	(3,435)
3-Dec-20	Vanguard Investments Australia Ltd.	Sell	13.35	Ordinary	(813,688)	(813,688)
3-Dec-20	Vanguard Investments Australia Ltd.	Sell	13.43	Ordinary	(1,699)	(1,699)
3-Dec-20	Vanguard Investments Australia Ltd.	Buy	13.27	Ordinary	1,958	1,958
3-Dec-20	Vanguard Investments Australia Ltd.	Buy	13.27	Ordinary	24,684	24,684
3-Dec-20	Vanguard Investments Australia Ltd.	Buy	13.27	Ordinary	43,560	43,560
3-Dec-20	Vanguard Investments Australia Ltd.	Buy	13.27	Ordinary	160,236	160,236
5-Dec-20	Vanguard Investments Australia Ltd.	Sell	14.38	Ordinary	(7,570)	(7,570)
5-Dec-20	Vanguard Investments Australia Ltd.	Buy	14.38	Ordinary	1,911	1,911
5-Dec-20	Vanguard Investments Australia Ltd.	Buy	14.38	Ordinary	20,146	20,146
5-Dec-20	Vanguard Investments Australia Ltd.	Buy	14.38	Ordinary	64,362	64,362
8-Dec-20	Vanguard Investments Australia Ltd.	Sell	17.70	Ordinary	(2,083)	(2,083)
8-Dec-20	Vanguard Investments Australia Ltd.	Buy	17.70	Ordinary	36,241	36,241
10-Dec-20	Vanguard Investments Australia Ltd.	Sell	18.60	Ordinary	(6,047)	(6,047)
10-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.60	Ordinary	2,398	2,398
11-Dec-20	Vanguard Investments Australia Ltd.	Buy	19.36	Ordinary	21,518	21,518
14-Dec-20	Vanguard Investments Australia Ltd.	Buy	17.80	Ordinary	85,940	85,940
15-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.19	Ordinary	14,640	14,640
16-Dec-20	Vanguard Investments Australia Ltd.	Sell	18.23	Ordinary	(4,593)	(4,593)
16-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.23	Ordinary	14,660	14,660
17-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.86	Ordinary	9	9
17-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.86	Ordinary	23	23
17-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.86	Ordinary	176	176
17-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.86	Ordinary	233	233
17-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.86	Ordinary	246	246
17-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.86	Ordinary	457	457
17-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.86	Ordinary	1,921	1,921
17-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.86	Ordinary	4,651	4,651
17-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.86	Ordinary	12,208	12,208
17-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.84	Ordinary	19,071	19,071
18-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.79	Ordinary	314	314
18-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.79	Ordinary	859	859
18-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.79	Ordinary	6,968	6,968
18-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.79	Ordinary	7,380	7,380
18-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.79	Ordinary	9,265	9,265
18-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.79	Ordinary	9,754	9,754
18-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.79	Ordinary	18,139	18,139
18-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.79	Ordinary	76,330	76,330
18-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.79	Ordinary	184,837	184,837
18-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.79	Ordinary	485,052	485,052
21-Dec-20	Vanguard Investments Australia Ltd.	Sell	18.56	Ordinary	(2,373)	(2,373)
22-Dec-20	Vanguard Investments Australia Ltd.	Buy	18.68	Ordinary	29,220	29,220
23-Dec-20	Vanguard Investments Australia Ltd.	Buy	19.21	Ordinary	938	938
30-Dec-20	Vanguard Investments Australia Ltd.	Sell	19.35	Ordinary	(1,618)	(1,618)

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
30-Dec-20	Vanguard Investments Australia Ltd.	Buy	19.35	Ordinary	109,200	109,200
31-Dec-20	Vanguard Investments Australia Ltd.	Sell	19.25	Ordinary	(714)	(714)
31-Dec-20	Vanguard Investments Australia Ltd.	Sell	18.91	Ordinary	(624)	(624)
4-Jan-21	Vanguard Investments Australia Ltd.	Buy	19.36	Ordinary	14,560	14,560
4-Jan-21	Vanguard Investments Australia Ltd.	Buy	19.36	Ordinary	25,000	25,000
4-Jan-21	Vanguard Investments Australia Ltd.	Buy	19.36	Ordinary	45,161	45,161
5-Jan-21	Vanguard Investments Australia Ltd.	Sell	19.29	Ordinary	(4,947)	(4,947)
5-Jan-21	Vanguard Investments Australia Ltd.	Sell	19.29	Ordinary	(2,400)	(2,400)
5-Jan-21	Vanguard Investments Australia Ltd.	Buy	19.09	Ordinary	13,000	13,000
5-Jan-21	Vanguard Investments Australia Ltd.	Buy	19.29	Ordinary	35,000	35,000
6-Jan-21	Vanguard Investments Australia Ltd.	Buy	18.90	Ordinary	1,037	1,037
6-Jan-21	Vanguard Investments Australia Ltd.	Buy	18.90	Ordinary	17,484	17,484
7-Jan-21	Vanguard Investments Australia Ltd.	Sell	18.48	Ordinary	(297,663)	(297,663)
8-Jan-21	Vanguard Investments Australia Ltd.	Sell	18.39	Ordinary	(315,209)	(315,209)
8-Jan-21	Vanguard Investments Australia Ltd.	Buy	18.39	Ordinary	86,588	86,588
11-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.70	Ordinary	10,276	10,276
12-Jan-21	Vanguard Investments Australia Ltd.	Sell	17.91	Ordinary	(382,472)	(382,472)
12-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.91	Ordinary	2,188	2,188
14-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.71	Ordinary	23,392	23,392
15-Jan-21	Vanguard Investments Australia Ltd.	Sell	17.51	Ordinary	(5,911)	(5,911)
15-Jan-21	Vanguard Investments Australia Ltd.	Sell	17.51	Ordinary	(714)	(714)
18-Jan-21	Vanguard Investments Australia Ltd.	Sell	17.60	Ordinary	(68,337)	(68,337)
19-Jan-21	Vanguard Investments Australia Ltd.	Sell	17.70	Ordinary	(5,830)	(5,830)
19-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.70	Ordinary	7,340	7,340
19-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.70	Ordinary	86,608	86,608
20-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.57	Ordinary	2,400	2,400
21-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.82	Ordinary	5,725	5,725
21-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.76	Ordinary	15,734	15,734
22-Jan-21	Vanguard Investments Australia Ltd.	Sell	17.75	Ordinary	(7,914)	(7,914)
22-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.75	Ordinary	91,082	91,082
27-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.83	Ordinary	38,265	38,265
28-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.69	Ordinary	19,214	19,214
28-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.69	Ordinary	86,623	86,623
29-Jan-21	Vanguard Investments Australia Ltd.	Buy	17.68	Ordinary	139,203	139,203
2-Feb-21	Vanguard Investments Australia Ltd.	Sell	18.04	Ordinary	(2,801)	(2,801)
2-Feb-21	Vanguard Investments Australia Ltd.	Buy	18.04	Ordinary	20,692	20,692
3-Feb-21	Vanguard Investments Australia Ltd.	Sell	18.51	Ordinary	(298)	(298)
3-Feb-21	Vanguard Investments Australia Ltd.	Buy	18.51	Ordinary	2,400	2,400
4-Feb-21	Vanguard Investments Australia Ltd.	Sell	18.11	Ordinary	(4,869)	(4,869)
4-Feb-21	Vanguard Investments Australia Ltd.	Buy	18.11	Ordinary	4,640	4,640
5-Feb-21	Vanguard Investments Australia Ltd.	Sell	18.03	Ordinary	(4,768)	(4,768)
5-Feb-21	Vanguard Investments Australia Ltd.	Sell	18.03	Ordinary	(1,313)	(1,313)
5-Feb-21	Vanguard Investments Australia Ltd.	Buy	18.03	Ordinary	4,413	4,413
5-Feb-21	Vanguard Investments Australia Ltd.	Buy	18.03	Ordinary	6,719	6,719
5-Feb-21	Vanguard Investments Australia Ltd.	Buy	18.03	Ordinary	174,736	174,736
8-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.81	Ordinary	16,494	16,494
9-Feb-21	Vanguard Investments Australia Ltd.	Sell	17.36	Ordinary	(2,840)	(2,840)
9-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.36	Ordinary	86,600	86,600
9-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.36	Ordinary	86,600	86,600
10-Feb-21	Vanguard Investments Australia Ltd.	Sell	17.57	Ordinary	(2,822)	(2,822)
10-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.57	Ordinary	19,110	19,110
12-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.96	Ordinary	25,059	25,059
12-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.96	Ordinary	80,173	80,173
16-Feb-21	Vanguard Investments Australia Ltd.	Sell	17.98	Ordinary	(5,549)	(5,549)
16-Feb-21	Vanguard Investments Australia Ltd.	Sell	17.98	Ordinary	(3,729)	(3,729)
16-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.98	Ordinary	1,907	1,907
17-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.40	Ordinary	1,852	1,852
19-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.22	Ordinary	33,608	33,608
19-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.22	Ordinary	87,040	87,040
22-Feb-21	Vanguard Investments Australia Ltd.	Sell	17.24	Ordinary	(386,579)	(386,579)
22-Feb-21	Vanguard Investments Australia Ltd.	Buy	17.24	Ordinary	14,840	14,840
24-Feb-21	Vanguard Investments Australia Ltd.	Buy	16.73	Ordinary	602,500	602,500
25-Feb-21	Vanguard Investments Australia Ltd.	Buy	16.75	Ordinary	26,563	26,563
25-Feb-21	Vanguard Investments Australia Ltd.	Buy	16.75	Ordinary	87,040	87,040
25-Feb-21	Vanguard Investments Australia Ltd.	Buy	16.75	Ordinary	735,714	735,714

This is Annexure A of 32 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature:



Name: Shawn Acker

Capacity: Compliance Manager

Date: 2 March 2021