

Form 604Corporations Act 2001
Section 671B**Notice of change of interests of substantial holder**To Company Name/Scheme
ACN/ARSNBendigo and Adelaide Bank Limited
068 049 178**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

20 March 2020

The previous notice was given to the company on

10 July 2018

The previous notice was dated

10 July 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)
Total	24,354,132	5.007%	30,269,146	6.048%

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
See Annexure A					

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	Brown Brothers Harriman	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.	Ordinary – 1,433,859	1,433,859
Vanguard Group	BNY Mellon	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.	Ordinary – 1,454,632	1,454,632
Vanguard Group	Citibank	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.	Ordinary – 5,883	5,883
Vanguard Group	JP Morgan Chase Bank, N.A.	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.	Ordinary – 15,600,672	15,600,672
Vanguard Group	State Street Bank and Trust Company	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.	Ordinary – 3,645,752	3,645,752
Vanguard Group	Various Others	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.	Ordinary – 8,128,348	8,128,348

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

Signature

print name Shawn Acker capacity Compliance Manager

sign here  date 24 March 2020

To Company Bendigo and Adelaide Bank Limited
 ACN/ARSN 068 049 178

Substantial Holder Name Vanguard Group
 ACN/ARSN N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
10-Jul-18	The Vanguard Group, Inc.	Buy	11.29	Ordinary	1,196	1,196
11-Jul-18	The Vanguard Group, Inc.	Buy	11.30	Ordinary	1,430	1,430
12-Jul-18	The Vanguard Group, Inc.	Sell	11.44	Ordinary	(4,108)	(4,108)
12-Jul-18	The Vanguard Group, Inc.	Sell	11.42	Ordinary	(8,045)	(8,045)
13-Jul-18	The Vanguard Group, Inc.	Buy	11.31	Ordinary	201	201
17-Jul-18	The Vanguard Group, Inc.	Buy	11.25	Ordinary	274	274
20-Jul-18	The Vanguard Group, Inc.	Buy	11.26	Ordinary	3,121	3,121
23-Jul-18	The Vanguard Group, Inc.	Sell	11.36	Ordinary	(1,452)	(1,452)
25-Jul-18	The Vanguard Group, Inc.	Sell	11.38	Ordinary	(1,452)	(1,452)
25-Jul-18	The Vanguard Group, Inc.	Sell	11.38	Ordinary	(968)	(968)
25-Jul-18	The Vanguard Group, Inc.	Sell	11.38	Ordinary	(7,260)	(7,260)
25-Jul-18	The Vanguard Group, Inc.	Sell	11.34	Ordinary	(486)	(486)
27-Jul-18	The Vanguard Group, Inc.	Sell	11.61	Ordinary	(2,975)	(2,975)
30-Jul-18	The Vanguard Group, Inc.	Sell	11.67	Ordinary	(2,956)	(2,956)
2-Aug-18	The Vanguard Group, Inc.	Sell	11.44	Ordinary	(4,840)	(4,840)
3-Aug-18	The Vanguard Group, Inc.	Buy	11.37	Ordinary	571	571
10-Aug-18	The Vanguard Group, Inc.	Sell	11.42	Ordinary	(11,616)	(11,616)
10-Aug-18	The Vanguard Group, Inc.	Sell	11.43	Ordinary	(15,372)	(15,372)
15-Aug-18	The Vanguard Group, Inc.	Sell	11.48	Ordinary	(5,808)	(5,808)
15-Aug-18	The Vanguard Group, Inc.	Buy	11.37	Ordinary	71,174	71,174
15-Aug-18	The Vanguard Group, Inc.	Buy	11.37	Ordinary	38,503	38,503
16-Aug-18	The Vanguard Group, Inc.	Buy	11.52	Ordinary	1,290	1,290
16-Aug-18	The Vanguard Group, Inc.	Sell	11.50	Ordinary	(11,972)	(11,972)
17-Aug-18	The Vanguard Group, Inc.	Buy	11.63	Ordinary	67,378	67,378
21-Aug-18	The Vanguard Group, Inc.	Buy	11.39	Ordinary	1,571	1,571
21-Aug-18	The Vanguard Group, Inc.	Buy	11.39	Ordinary	367	367
5-Sep-18	The Vanguard Group, Inc.	Sell	10.82	Ordinary	(777)	(777)
7-Sep-18	The Vanguard Group, Inc.	Buy	10.74	Ordinary	6,360	6,360
7-Sep-18	The Vanguard Group, Inc.	Buy	10.74	Ordinary	4,108	4,108
10-Sep-18	The Vanguard Group, Inc.	Buy	10.74	Ordinary	1,116	1,116
12-Sep-18	The Vanguard Group, Inc.	Buy	10.73	Ordinary	6,162	6,162
12-Sep-18	The Vanguard Group, Inc.	Sell	10.92	Ordinary	(521)	(521)
12-Sep-18	The Vanguard Group, Inc.	Sell	10.75	Ordinary	(27,685)	(27,685)
17-Sep-18	The Vanguard Group, Inc.	Buy	10.66	Ordinary	4,008	4,008
18-Sep-18	The Vanguard Group, Inc.	Buy	10.66	Ordinary	666	666
21-Sep-18	The Vanguard Group, Inc.	Sell	10.75	Ordinary	(35,349)	(35,349)
21-Sep-18	The Vanguard Group, Inc.	Buy	10.75	Ordinary	5,223	5,223
21-Sep-18	The Vanguard Group, Inc.	Sell	10.75	Ordinary	(14,010)	(14,010)
26-Sep-18	The Vanguard Group, Inc.	Buy	10.59	Ordinary	7,448	7,448
26-Sep-18	The Vanguard Group, Inc.	Buy	10.59	Ordinary	3,724	3,724
26-Sep-18	The Vanguard Group, Inc.	Buy	10.59	Ordinary	9,310	9,310
1-Oct-18	The Vanguard Group, Inc.	Buy	10.56	Ordinary	5,586	5,586
2-Oct-18	The Vanguard Group, Inc.	Buy	10.53	Ordinary	145,947	145,947
2-Oct-18	The Vanguard Group, Inc.	Buy	10.48	Ordinary	14,896	14,896
2-Oct-18	The Vanguard Group, Inc.	Sell	10.48	Ordinary	(2,030)	(2,030)
3-Oct-18	The Vanguard Group, Inc.	Buy	10.45	Ordinary	5,586	5,586
11-Oct-18	The Vanguard Group, Inc.	Buy	9.94	Ordinary	1,302	1,302
15-Oct-18	The Vanguard Group, Inc.	Buy	9.96	Ordinary	2,170	2,170
18-Oct-18	The Vanguard Group, Inc.	Sell	10.27	Ordinary	(274)	(274)
19-Oct-18	The Vanguard Group, Inc.	Buy	10.32	Ordinary	1,302	1,302
19-Oct-18	The Vanguard Group, Inc.	Buy	10.32	Ordinary	5,586	5,586
23-Oct-18	The Vanguard Group, Inc.	Buy	10.08	Ordinary	3,389	3,389
25-Oct-18	The Vanguard Group, Inc.	Buy	9.92	Ordinary	4,655	4,655
26-Oct-18	The Vanguard Group, Inc.	Buy	9.93	Ordinary	102,512	102,512
26-Oct-18	The Vanguard Group, Inc.	Buy	9.95	Ordinary	107,140	107,140
26-Oct-18	The Vanguard Group, Inc.	Buy	9.95	Ordinary	21,537	21,537
30-Oct-18	The Vanguard Group, Inc.	Buy	10.31	Ordinary	8,652	8,652
31-Oct-18	The Vanguard Group, Inc.	Buy	10.26	Ordinary	6,517	6,517
1-Nov-18	The Vanguard Group, Inc.	Buy	10.18	Ordinary	9,310	9,310

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Nov-18	The Vanguard Group, Inc.	Sell	10.16	Ordinary	(31,872)	(31,872)
2-Nov-18	The Vanguard Group, Inc.	Sell	10.05	Ordinary	(10,936)	(10,936)
5-Nov-18	The Vanguard Group, Inc.	Sell	10.14	Ordinary	(3,658)	(3,658)
7-Nov-18	The Vanguard Group, Inc.	Buy	10.50	Ordinary	7,448	7,448
9-Nov-18	The Vanguard Group, Inc.	Buy	10.47	Ordinary	3,476	3,476
9-Nov-18	The Vanguard Group, Inc.	Sell	10.55	Ordinary	(1,001)	(1,001)
12-Nov-18	The Vanguard Group, Inc.	Buy	10.57	Ordinary	5,586	5,586
13-Nov-18	The Vanguard Group, Inc.	Buy	10.54	Ordinary	1,708	1,708
14-Nov-18	The Vanguard Group, Inc.	Buy	10.14	Ordinary	5,586	5,586
14-Nov-18	The Vanguard Group, Inc.	Buy	10.14	Ordinary	7,448	7,448
15-Nov-18	The Vanguard Group, Inc.	Buy	10.08	Ordinary	101,965	101,965
15-Nov-18	The Vanguard Group, Inc.	Buy	10.16	Ordinary	812	812
21-Nov-18	The Vanguard Group, Inc.	Buy	10.23	Ordinary	7,448	7,448
28-Nov-18	The Vanguard Group, Inc.	Buy	10.87	Ordinary	1,302	1,302
28-Nov-18	The Vanguard Group, Inc.	Buy	10.87	Ordinary	217	217
28-Nov-18	The Vanguard Group, Inc.	Buy	10.87	Ordinary	4,655	4,655
30-Nov-18	The Vanguard Group, Inc.	Buy	10.72	Ordinary	667	667
30-Nov-18	The Vanguard Group, Inc.	Sell	10.69	Ordinary	(14,472)	(14,472)
3-Dec-18	The Vanguard Group, Inc.	Buy	10.73	Ordinary	1,334	1,334
4-Dec-18	The Vanguard Group, Inc.	Buy	10.49	Ordinary	7,448	7,448
4-Dec-18	The Vanguard Group, Inc.	Buy	10.62	Ordinary	4,898	4,898
5-Dec-18	The Vanguard Group, Inc.	Buy	10.56	Ordinary	3,161	3,161
6-Dec-18	The Vanguard Group, Inc.	Buy	10.62	Ordinary	3,200	3,200
7-Dec-18	The Vanguard Group, Inc.	Buy	10.70	Ordinary	13,028	13,028
7-Dec-18	The Vanguard Group, Inc.	Buy	10.51	Ordinary	7,448	7,448
7-Dec-18	The Vanguard Group, Inc.	Buy	10.51	Ordinary	6,517	6,517
10-Dec-18	The Vanguard Group, Inc.	Buy	10.42	Ordinary	27,939	27,939
11-Dec-18	The Vanguard Group, Inc.	Buy	10.22	Ordinary	5,586	5,586
11-Dec-18	The Vanguard Group, Inc.	Buy	10.22	Ordinary	7,448	7,448
12-Dec-18	The Vanguard Group, Inc.	Buy	10.27	Ordinary	15,827	15,827
12-Dec-18	The Vanguard Group, Inc.	Buy	10.27	Ordinary	5,586	5,586
12-Dec-18	The Vanguard Group, Inc.	Buy	10.27	Ordinary	5,586	5,586
12-Dec-18	The Vanguard Group, Inc.	Sell	10.04	Ordinary	(535)	(535)
13-Dec-18	The Vanguard Group, Inc.	Buy	10.35	Ordinary	812	812
14-Dec-18	The Vanguard Group, Inc.	Buy	10.29	Ordinary	5,586	5,586
14-Dec-18	The Vanguard Group, Inc.	Sell	10.33	Ordinary	(1,208)	(1,208)
17-Dec-18	The Vanguard Group, Inc.	Buy	10.28	Ordinary	11,172	11,172
18-Dec-18	The Vanguard Group, Inc.	Buy	10.32	Ordinary	950	950
20-Dec-18	The Vanguard Group, Inc.	Buy	10.21	Ordinary	7,448	7,448
20-Dec-18	The Vanguard Group, Inc.	Sell	10.26	Ordinary	(17,992)	(17,992)
20-Dec-18	The Vanguard Group, Inc.	Buy	10.26	Ordinary	5,664	5,664
21-Dec-18	The Vanguard Group, Inc.	Sell	10.08	Ordinary	(534)	(534)
21-Dec-18	The Vanguard Group, Inc.	Buy	10.11	Ordinary	625	625
24-Dec-18	The Vanguard Group, Inc.	Buy	10.06	Ordinary	10,540	10,540
24-Dec-18	The Vanguard Group, Inc.	Buy	10.06	Ordinary	16,864	16,864
26-Dec-18	The Vanguard Group, Inc.	Buy	10.29	Ordinary	6,324	6,324
27-Dec-18	The Vanguard Group, Inc.	Buy	10.38	Ordinary	5,270	5,270
27-Dec-18	The Vanguard Group, Inc.	Buy	10.38	Ordinary	15,810	15,810
27-Dec-18	The Vanguard Group, Inc.	Buy	10.38	Ordinary	3,162	3,162
27-Dec-18	The Vanguard Group, Inc.	Buy	10.38	Ordinary	1,334	1,334
2-Jan-19	The Vanguard Group, Inc.	Buy	10.73	Ordinary	836	836
2-Jan-19	The Vanguard Group, Inc.	Buy	10.57	Ordinary	7,378	7,378
2-Jan-19	The Vanguard Group, Inc.	Buy	10.57	Ordinary	6,324	6,324
2-Jan-19	The Vanguard Group, Inc.	Buy	10.57	Ordinary	770	770
2-Jan-19	The Vanguard Group, Inc.	Buy	10.49	Ordinary	3,361	3,361
3-Jan-19	The Vanguard Group, Inc.	Buy	10.57	Ordinary	5,270	5,270
3-Jan-19	The Vanguard Group, Inc.	Buy	10.57	Ordinary	770	770
7-Jan-19	The Vanguard Group, Inc.	Buy	10.79	Ordinary	2,108	2,108
8-Jan-19	The Vanguard Group, Inc.	Buy	10.91	Ordinary	3,335	3,335
8-Jan-19	The Vanguard Group, Inc.	Sell	10.84	Ordinary	(13,085)	(13,085)
9-Jan-19	The Vanguard Group, Inc.	Buy	10.92	Ordinary	1,088	1,088
10-Jan-19	The Vanguard Group, Inc.	Buy	10.96	Ordinary	1,540	1,540
10-Jan-19	The Vanguard Group, Inc.	Sell	10.87	Ordinary	(12,953)	(12,953)
10-Jan-19	The Vanguard Group, Inc.	Buy	10.92	Ordinary	3,217	3,217
11-Jan-19	The Vanguard Group, Inc.	Buy	10.86	Ordinary	1,334	1,334

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-Jan-19	The Vanguard Group, Inc.	Sell	11.02	Ordinary	(12,757)	(12,757)
17-Jan-19	The Vanguard Group, Inc.	Sell	11.20	Ordinary	(5,490)	(5,490)
17-Jan-19	The Vanguard Group, Inc.	Sell	11.14	Ordinary	(4,759)	(4,759)
17-Jan-19	The Vanguard Group, Inc.	Buy	11.14	Ordinary	1,070	1,070
18-Jan-19	The Vanguard Group, Inc.	Sell	11.14	Ordinary	(501)	(501)
22-Jan-19	The Vanguard Group, Inc.	Sell	11.07	Ordinary	(5,490)	(5,490)
22-Jan-19	The Vanguard Group, Inc.	Buy	11.11	Ordinary	2,839	2,839
22-Jan-19	The Vanguard Group, Inc.	Buy	11.11	Ordinary	214	214
23-Jan-19	The Vanguard Group, Inc.	Sell	11.02	Ordinary	(11,895)	(11,895)
24-Jan-19	The Vanguard Group, Inc.	Sell	11.16	Ordinary	(11,895)	(11,895)
24-Jan-19	The Vanguard Group, Inc.	Buy	11.15	Ordinary	5,885	5,885
25-Jan-19	The Vanguard Group, Inc.	Buy	11.24	Ordinary	1,110	1,110
28-Jan-19	The Vanguard Group, Inc.	Sell	11.20	Ordinary	(6,324)	(6,324)
29-Jan-19	The Vanguard Group, Inc.	Sell	11.02	Ordinary	(7,320)	(7,320)
29-Jan-19	The Vanguard Group, Inc.	Sell	11.02	Ordinary	(7,320)	(7,320)
29-Jan-19	The Vanguard Group, Inc.	Sell	11.02	Ordinary	(17,385)	(17,385)
29-Jan-19	The Vanguard Group, Inc.	Sell	11.02	Ordinary	(4,216)	(4,216)
30-Jan-19	The Vanguard Group, Inc.	Sell	11.02	Ordinary	(39,895)	(39,895)
30-Jan-19	The Vanguard Group, Inc.	Sell	11.14	Ordinary	(6,324)	(6,324)
30-Jan-19	The Vanguard Group, Inc.	Buy	11.08	Ordinary	13,184	13,184
31-Jan-19	The Vanguard Group, Inc.	Sell	10.81	Ordinary	(17,918)	(17,918)
31-Jan-19	The Vanguard Group, Inc.	Buy	10.78	Ordinary	274	274
7-Feb-19	The Vanguard Group, Inc.	Sell	11.29	Ordinary	(4,296)	(4,296)
7-Feb-19	The Vanguard Group, Inc.	Sell	11.29	Ordinary	(4,216)	(4,216)
7-Feb-19	The Vanguard Group, Inc.	Sell	11.29	Ordinary	(4,216)	(4,216)
8-Feb-19	The Vanguard Group, Inc.	Sell	11.17	Ordinary	(13,702)	(13,702)
8-Feb-19	The Vanguard Group, Inc.	Buy	11.15	Ordinary	6,310	6,310
11-Feb-19	The Vanguard Group, Inc.	Sell	10.40	Ordinary	(9,486)	(9,486)
11-Feb-19	The Vanguard Group, Inc.	Buy	10.39	Ordinary	9,674	9,674
12-Feb-19	The Vanguard Group, Inc.	Sell	10.12	Ordinary	(25,204)	(25,204)
13-Feb-19	The Vanguard Group, Inc.	Sell	9.97	Ordinary	(6,324)	(6,324)
15-Feb-19	The Vanguard Group, Inc.	Sell	9.88	Ordinary	(243)	(243)
20-Feb-19	The Vanguard Group, Inc.	Buy	9.78	Ordinary	10,011	10,011
20-Feb-19	The Vanguard Group, Inc.	Buy	9.78	Ordinary	2,609	2,609
20-Feb-19	The Vanguard Group, Inc.	Sell	9.84	Ordinary	(7,466)	(7,466)
21-Feb-19	The Vanguard Group, Inc.	Sell	9.79	Ordinary	(5,270)	(5,270)
22-Feb-19	The Vanguard Group, Inc.	Buy	9.84	Ordinary	12,061	12,061
26-Feb-19	The Vanguard Group, Inc.	Buy	9.83	Ordinary	4,575	4,575
26-Feb-19	The Vanguard Group, Inc.	Buy	9.83	Ordinary	615	615
27-Feb-19	The Vanguard Group, Inc.	Buy	9.80	Ordinary	770	770
27-Feb-19	The Vanguard Group, Inc.	Buy	9.78	Ordinary	274	274
28-Feb-19	The Vanguard Group, Inc.	Sell	9.86	Ordinary	(14,237)	(14,237)
28-Feb-19	The Vanguard Group, Inc.	Buy	9.86	Ordinary	7,287	7,287
1-Mar-19	The Vanguard Group, Inc.	Buy	9.62	Ordinary	410	410
4-Mar-19	The Vanguard Group, Inc.	Buy	9.62	Ordinary	31,102	31,102
4-Mar-19	The Vanguard Group, Inc.	Sell	9.62	Ordinary	(17,168)	(17,168)
4-Mar-19	The Vanguard Group, Inc.	Sell	9.62	Ordinary	(3,562)	(3,562)
5-Mar-19	The Vanguard Group, Inc.	Buy	9.66	Ordinary	5,490	5,490
5-Mar-19	The Vanguard Group, Inc.	Sell	9.66	Ordinary	(3,661)	(3,661)
6-Mar-19	The Vanguard Group, Inc.	Buy	9.83	Ordinary	980	980
8-Mar-19	The Vanguard Group, Inc.	Buy	9.68	Ordinary	4,575	4,575
11-Mar-19	The Vanguard Group, Inc.	Buy	9.73	Ordinary	274	274
15-Mar-19	The Vanguard Group, Inc.	Sell	9.81	Ordinary	(6,079)	(6,079)
15-Mar-19	The Vanguard Group, Inc.	Sell	9.81	Ordinary	(1,296)	(1,296)
15-Mar-19	The Vanguard Group, Inc.	Sell	9.81	Ordinary	(2,093)	(2,093)
19-Mar-19	The Vanguard Group, Inc.	Buy	9.80	Ordinary	4,233	4,233
19-Mar-19	The Vanguard Group, Inc.	Buy	9.80	Ordinary	144	144
20-Mar-19	The Vanguard Group, Inc.	Buy	9.79	Ordinary	2,745	2,745
20-Mar-19	The Vanguard Group, Inc.	Buy	9.79	Ordinary	1,262	1,262
27-Mar-19	The Vanguard Group, Inc.	Buy	9.55	Ordinary	834	834
29-Mar-19	The Vanguard Group, Inc.	Buy	9.70	Ordinary	73,067	73,067
29-Mar-19	The Vanguard Group, Inc.	Sell	9.68	Ordinary	(8,046)	(8,046)
29-Mar-19	The Vanguard Group, Inc.	Buy	9.68	Ordinary	274	274
29-Mar-19	The Vanguard Group, Inc.	Buy	9.72	Ordinary	7,627	7,627
1-Apr-19	The Vanguard Group, Inc.	Buy	9.76	Ordinary	3,660	3,660

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1-Apr-19	The Vanguard Group, Inc.	Buy	9.76	Ordinary	834	834
4-Apr-19	The Vanguard Group, Inc.	Sell	9.86	Ordinary	(3,735)	(3,735)
4-Apr-19	The Vanguard Group, Inc.	Buy	9.86	Ordinary	1,001	1,001
5-Apr-19	The Vanguard Group, Inc.	Buy	9.92	Ordinary	834	834
8-Apr-19	The Vanguard Group, Inc.	Buy	9.87	Ordinary	834	834
9-Apr-19	The Vanguard Group, Inc.	Sell	9.83	Ordinary	(3,553)	(3,553)
10-Apr-19	The Vanguard Group, Inc.	Buy	9.77	Ordinary	12,395	12,395
16-Apr-19	The Vanguard Group, Inc.	Buy	9.88	Ordinary	980	980
16-Apr-19	The Vanguard Group, Inc.	Buy	9.90	Ordinary	274	274
18-Apr-19	The Vanguard Group, Inc.	Buy	10.02	Ordinary	6,294	6,294
23-Apr-19	The Vanguard Group, Inc.	Sell	10.19	Ordinary	(2,591)	(2,591)
24-Apr-19	The Vanguard Group, Inc.	Buy	10.26	Ordinary	80,109	80,109
24-Apr-19	The Vanguard Group, Inc.	Sell	10.30	Ordinary	(13,990)	(13,990)
24-Apr-19	The Vanguard Group, Inc.	Buy	10.30	Ordinary	1,288	1,288
26-Apr-19	The Vanguard Group, Inc.	Buy	10.38	Ordinary	4,575	4,575
26-Apr-19	The Vanguard Group, Inc.	Sell	10.28	Ordinary	(215)	(215)
30-Apr-19	The Vanguard Group, Inc.	Buy	10.30	Ordinary	1,470	1,470
3-May-19	The Vanguard Group, Inc.	Buy	10.43	Ordinary	68,636	68,636
3-May-19	The Vanguard Group, Inc.	Buy	10.43	Ordinary	1,001	1,001
6-May-19	The Vanguard Group, Inc.	Sell	10.39	Ordinary	(3,222)	(3,222)
7-May-19	The Vanguard Group, Inc.	Buy	10.37	Ordinary	3,078	3,078
7-May-19	The Vanguard Group, Inc.	Buy	10.52	Ordinary	1,001	1,001
8-May-19	The Vanguard Group, Inc.	Sell	10.47	Ordinary	(3,222)	(3,222)
8-May-19	The Vanguard Group, Inc.	Buy	10.47	Ordinary	1,470	1,470
9-May-19	The Vanguard Group, Inc.	Buy	10.50	Ordinary	75,316	75,316
9-May-19	The Vanguard Group, Inc.	Buy	10.53	Ordinary	5,490	5,490
9-May-19	The Vanguard Group, Inc.	Buy	10.53	Ordinary	762	762
10-May-19	The Vanguard Group, Inc.	Sell	10.57	Ordinary	(8,030)	(8,030)
10-May-19	The Vanguard Group, Inc.	Buy	10.57	Ordinary	587	587
14-May-19	The Vanguard Group, Inc.	Sell	10.43	Ordinary	(3,222)	(3,222)
14-May-19	The Vanguard Group, Inc.	Buy	10.43	Ordinary	4,216	4,216
14-May-19	The Vanguard Group, Inc.	Buy	10.43	Ordinary	381	381
14-May-19	The Vanguard Group, Inc.	Buy	10.40	Ordinary	274	274
15-May-19	The Vanguard Group, Inc.	Buy	10.47	Ordinary	6,449	6,449
16-May-19	The Vanguard Group, Inc.	Buy	10.55	Ordinary	68,906	68,906
16-May-19	The Vanguard Group, Inc.	Buy	10.57	Ordinary	76,132	76,132
21-May-19	The Vanguard Group, Inc.	Buy	11.01	Ordinary	30,661	30,661
21-May-19	The Vanguard Group, Inc.	Buy	11.26	Ordinary	2,744	2,744
22-May-19	The Vanguard Group, Inc.	Buy	11.25	Ordinary	2,656	2,656
23-May-19	The Vanguard Group, Inc.	Buy	11.17	Ordinary	2,807	2,807
24-May-19	The Vanguard Group, Inc.	Buy	10.98	Ordinary	1,205	1,205
28-May-19	The Vanguard Group, Inc.	Buy	11.00	Ordinary	4,575	4,575
28-May-19	The Vanguard Group, Inc.	Buy	11.07	Ordinary	12,998	12,998
28-May-19	The Vanguard Group, Inc.	Sell	11.07	Ordinary	(2,580)	(2,580)
29-May-19	The Vanguard Group, Inc.	Buy	10.96	Ordinary	2,164	2,164
29-May-19	The Vanguard Group, Inc.	Sell	11.04	Ordinary	(415)	(415)
29-May-19	The Vanguard Group, Inc.	Sell	11.04	Ordinary	(2,044)	(2,044)
31-May-19	The Vanguard Group, Inc.	Buy	11.20	Ordinary	76,669	76,669
31-May-19	The Vanguard Group, Inc.	Sell	11.23	Ordinary	(12,688)	(12,688)
4-Jun-19	The Vanguard Group, Inc.	Buy	11.17	Ordinary	3,740	3,740
5-Jun-19	The Vanguard Group, Inc.	Sell	11.25	Ordinary	(2,148)	(2,148)
5-Jun-19	The Vanguard Group, Inc.	Sell	11.25	Ordinary	(4,296)	(4,296)
5-Jun-19	The Vanguard Group, Inc.	Sell	11.22	Ordinary	(1,001)	(1,001)
6-Jun-19	The Vanguard Group, Inc.	Buy	11.45	Ordinary	762	762
6-Jun-19	The Vanguard Group, Inc.	Sell	11.42	Ordinary	(15,211)	(15,211)
6-Jun-19	The Vanguard Group, Inc.	Buy	11.42	Ordinary	274	274
7-Jun-19	The Vanguard Group, Inc.	Buy	11.52	Ordinary	762	762
7-Jun-19	The Vanguard Group, Inc.	Buy	11.52	Ordinary	980	980
7-Jun-19	The Vanguard Group, Inc.	Buy	11.50	Ordinary	4,934	4,934
7-Jun-19	The Vanguard Group, Inc.	Buy	11.50	Ordinary	125	125
10-Jun-19	The Vanguard Group, Inc.	Buy	11.56	Ordinary	1,470	1,470
11-Jun-19	The Vanguard Group, Inc.	Sell	11.58	Ordinary	(2,685)	(2,685)
12-Jun-19	The Vanguard Group, Inc.	Buy	11.54	Ordinary	3,809	3,809
12-Jun-19	The Vanguard Group, Inc.	Buy	11.54	Ordinary	521	521
13-Jun-19	The Vanguard Group, Inc.	Sell	11.59	Ordinary	(32,815)	(32,815)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
14-Jun-19	The Vanguard Group, Inc.	Sell	11.49	Ordinary	(1,611)	(1,611)
14-Jun-19	The Vanguard Group, Inc.	Buy	11.49	Ordinary	980	980
14-Jun-19	The Vanguard Group, Inc.	Buy	11.49	Ordinary	980	980
14-Jun-19	The Vanguard Group, Inc.	Sell	11.50	Ordinary	(12,992)	(12,992)
17-Jun-19	The Vanguard Group, Inc.	Sell	11.47	Ordinary	(4,081)	(4,081)
17-Jun-19	The Vanguard Group, Inc.	Buy	11.47	Ordinary	274	274
18-Jun-19	The Vanguard Group, Inc.	Buy	11.59	Ordinary	762	762
19-Jun-19	The Vanguard Group, Inc.	Buy	11.63	Ordinary	25,546	25,546
21-Jun-19	The Vanguard Group, Inc.	Sell	11.59	Ordinary	(4,287)	(4,287)
21-Jun-19	The Vanguard Group, Inc.	Buy	11.59	Ordinary	2,643	2,643
24-Jun-19	The Vanguard Group, Inc.	Buy	11.63	Ordinary	5,736	5,736
25-Jun-19	The Vanguard Group, Inc.	Sell	11.56	Ordinary	(978)	(978)
26-Jun-19	The Vanguard Group, Inc.	Buy	11.65	Ordinary	26,493	26,493
26-Jun-19	The Vanguard Group, Inc.	Buy	11.60	Ordinary	2,470	2,470
26-Jun-19	The Vanguard Group, Inc.	Buy	11.60	Ordinary	1,001	1,001
27-Jun-19	The Vanguard Group, Inc.	Sell	11.59	Ordinary	(194)	(194)
28-Jun-19	The Vanguard Group, Inc.	Buy	11.59	Ordinary	4,520	4,520
1-Jul-19	The Vanguard Group, Inc.	Buy	11.50	Ordinary	904	904
1-Jul-19	The Vanguard Group, Inc.	Buy	11.67	Ordinary	4,776	4,776
2-Jul-19	The Vanguard Group, Inc.	Buy	11.39	Ordinary	8,959	8,959
2-Jul-19	The Vanguard Group, Inc.	Buy	11.53	Ordinary	23,408	23,408
4-Jul-19	The Vanguard Group, Inc.	Buy	11.46	Ordinary	4,309	4,309
5-Jul-19	The Vanguard Group, Inc.	Buy	11.57	Ordinary	3,660	3,660
9-Jul-19	The Vanguard Group, Inc.	Buy	11.38	Ordinary	274	274
10-Jul-19	The Vanguard Group, Inc.	Buy	11.35	Ordinary	1,368	1,368
11-Jul-19	The Vanguard Group, Inc.	Buy	11.37	Ordinary	5,585	5,585
12-Jul-19	The Vanguard Group, Inc.	Buy	11.45	Ordinary	7,318	7,318
12-Jul-19	The Vanguard Group, Inc.	Sell	11.49	Ordinary	(7,368)	(7,368)
15-Jul-19	The Vanguard Group, Inc.	Buy	11.39	Ordinary	5,490	5,490
17-Jul-19	The Vanguard Group, Inc.	Sell	11.47	Ordinary	(898)	(898)
19-Jul-19	The Vanguard Group, Inc.	Buy	11.45	Ordinary	738	738
22-Jul-19	The Vanguard Group, Inc.	Buy	11.50	Ordinary	4,575	4,575
22-Jul-19	The Vanguard Group, Inc.	Buy	11.50	Ordinary	4,575	4,575
22-Jul-19	The Vanguard Group, Inc.	Buy	11.50	Ordinary	738	738
22-Jul-19	The Vanguard Group, Inc.	Sell	11.49	Ordinary	(8,586)	(8,586)
25-Jul-19	The Vanguard Group, Inc.	Buy	11.56	Ordinary	2,151	2,151
26-Jul-19	The Vanguard Group, Inc.	Buy	11.53	Ordinary	3,585	3,585
26-Jul-19	The Vanguard Group, Inc.	Buy	11.53	Ordinary	738	738
26-Jul-19	The Vanguard Group, Inc.	Sell	11.50	Ordinary	(2,475)	(2,475)
26-Jul-19	The Vanguard Group, Inc.	Buy	11.50	Ordinary	127	127
29-Jul-19	The Vanguard Group, Inc.	Sell	11.50	Ordinary	(10,005)	(10,005)
30-Jul-19	The Vanguard Group, Inc.	Sell	11.66	Ordinary	(1,304)	(1,304)
30-Jul-19	The Vanguard Group, Inc.	Buy	11.66	Ordinary	840	840
30-Jul-19	The Vanguard Group, Inc.	Buy	11.66	Ordinary	6,301	6,301
30-Jul-19	The Vanguard Group, Inc.	Buy	11.66	Ordinary	1,001	1,001
1-Aug-19	The Vanguard Group, Inc.	Buy	11.46	Ordinary	8,235	8,235
1-Aug-19	The Vanguard Group, Inc.	Sell	11.50	Ordinary	(18,290)	(18,290)
2-Aug-19	The Vanguard Group, Inc.	Buy	11.27	Ordinary	2,868	2,868
5-Aug-19	The Vanguard Group, Inc.	Buy	10.94	Ordinary	3,585	3,585
6-Aug-19	The Vanguard Group, Inc.	Buy	10.75	Ordinary	369	369
6-Aug-19	The Vanguard Group, Inc.	Buy	10.75	Ordinary	840	840
6-Aug-19	The Vanguard Group, Inc.	Buy	10.68	Ordinary	6,495	6,495
7-Aug-19	The Vanguard Group, Inc.	Sell	10.80	Ordinary	(622)	(622)
7-Aug-19	The Vanguard Group, Inc.	Buy	10.77	Ordinary	23,921	23,921
8-Aug-19	The Vanguard Group, Inc.	Sell	10.82	Ordinary	(1,630)	(1,630)
8-Aug-19	The Vanguard Group, Inc.	Buy	10.70	Ordinary	88,299	88,299
8-Aug-19	The Vanguard Group, Inc.	Buy	10.76	Ordinary	1,282	1,282
9-Aug-19	The Vanguard Group, Inc.	Buy	10.74	Ordinary	1,107	1,107
13-Aug-19	The Vanguard Group, Inc.	Sell	10.88	Ordinary	(2,282)	(2,282)
13-Aug-19	The Vanguard Group, Inc.	Buy	10.86	Ordinary	134,937	134,937
13-Aug-19	The Vanguard Group, Inc.	Buy	10.88	Ordinary	738	738
14-Aug-19	The Vanguard Group, Inc.	Buy	10.80	Ordinary	274	274
15-Aug-19	The Vanguard Group, Inc.	Sell	10.48	Ordinary	(1,956)	(1,956)
19-Aug-19	The Vanguard Group, Inc.	Buy	10.79	Ordinary	840	840
19-Aug-19	The Vanguard Group, Inc.	Buy	10.76	Ordinary	4,980	4,980

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19-Aug-19	The Vanguard Group, Inc.	Sell	10.76	Ordinary	(559)	(559)
20-Aug-19	The Vanguard Group, Inc.	Buy	10.82	Ordinary	840	840
22-Aug-19	The Vanguard Group, Inc.	Sell	10.86	Ordinary	(12,391)	(12,391)
23-Aug-19	The Vanguard Group, Inc.	Buy	10.79	Ordinary	840	840
27-Aug-19	The Vanguard Group, Inc.	Buy	10.98	Ordinary	6,494	6,494
29-Aug-19	The Vanguard Group, Inc.	Buy	11.13	Ordinary	6,703	6,703
2-Sep-19	The Vanguard Group, Inc.	Buy	10.74	Ordinary	4,832	4,832
6-Sep-19	The Vanguard Group, Inc.	Buy	10.98	Ordinary	274	274
6-Sep-19	The Vanguard Group, Inc.	Buy	10.89	Ordinary	2,023	2,023
16-Sep-19	The Vanguard Group, Inc.	Buy	11.41	Ordinary	978	978
16-Sep-19	The Vanguard Group, Inc.	Buy	11.41	Ordinary	840	840
16-Sep-19	The Vanguard Group, Inc.	Buy	11.39	Ordinary	3,187	3,187
20-Sep-19	The Vanguard Group, Inc.	Sell	11.49	Ordinary	(1,697)	(1,697)
20-Sep-19	The Vanguard Group, Inc.	Sell	11.49	Ordinary	(1,345)	(1,345)
24-Sep-19	The Vanguard Group, Inc.	Buy	11.60	Ordinary	7,109	7,109
25-Sep-19	The Vanguard Group, Inc.	Buy	11.57	Ordinary	7,344	7,344
27-Sep-19	The Vanguard Group, Inc.	Sell	11.61	Ordinary	(346)	(346)
30-Sep-19	The Vanguard Group, Inc.	Buy	11.50	Ordinary	738	738
1-Oct-19	The Vanguard Group, Inc.	Buy	11.57	Ordinary	947	947
2-Oct-19	The Vanguard Group, Inc.	Buy	11.21	Ordinary	369	369
2-Oct-19	The Vanguard Group, Inc.	Buy	11.21	Ordinary	840	840
4-Oct-19	The Vanguard Group, Inc.	Buy	11.18	Ordinary	840	840
8-Oct-19	The Vanguard Group, Inc.	Buy	11.04	Ordinary	840	840
16-Oct-19	The Vanguard Group, Inc.	Buy	11.38	Ordinary	766	766
18-Oct-19	The Vanguard Group, Inc.	Buy	11.19	Ordinary	1,270	1,270
21-Oct-19	The Vanguard Group, Inc.	Buy	11.02	Ordinary	766	766
21-Oct-19	The Vanguard Group, Inc.	Buy	11.00	Ordinary	239	239
25-Oct-19	The Vanguard Group, Inc.	Sell	10.91	Ordinary	(4,416)	(4,416)
25-Oct-19	The Vanguard Group, Inc.	Buy	10.91	Ordinary	766	766
25-Oct-19	The Vanguard Group, Inc.	Buy	10.91	Ordinary	1,260	1,260
25-Oct-19	The Vanguard Group, Inc.	Buy	10.88	Ordinary	239	239
25-Oct-19	The Vanguard Group, Inc.	Buy	10.88	Ordinary	8,047	8,047
25-Oct-19	The Vanguard Group, Inc.	Sell	10.88	Ordinary	(14)	(14)
28-Oct-19	The Vanguard Group, Inc.	Buy	10.85	Ordinary	15,220	15,220
31-Oct-19	The Vanguard Group, Inc.	Sell	10.65	Ordinary	(6,727)	(6,727)
1-Nov-19	The Vanguard Group, Inc.	Buy	10.64	Ordinary	107	107
5-Nov-19	The Vanguard Group, Inc.	Buy	10.60	Ordinary	26,648	26,648
6-Nov-19	The Vanguard Group, Inc.	Buy	10.70	Ordinary	6,907	6,907
8-Nov-19	The Vanguard Group, Inc.	Buy	10.83	Ordinary	840	840
8-Nov-19	The Vanguard Group, Inc.	Buy	10.79	Ordinary	239	239
15-Nov-19	The Vanguard Group, Inc.	Buy	10.77	Ordinary	840	840
18-Nov-19	The Vanguard Group, Inc.	Buy	10.59	Ordinary	1,149	1,149
19-Nov-19	The Vanguard Group, Inc.	Buy	10.72	Ordinary	239	239
21-Nov-19	The Vanguard Group, Inc.	Buy	10.60	Ordinary	840	840
21-Nov-19	The Vanguard Group, Inc.	Buy	10.59	Ordinary	405	405
22-Nov-19	The Vanguard Group, Inc.	Sell	10.57	Ordinary	(626)	(626)
26-Nov-19	The Vanguard Group, Inc.	Buy	10.10	Ordinary	420	420
27-Nov-19	The Vanguard Group, Inc.	Buy	10.25	Ordinary	383	383
27-Nov-19	The Vanguard Group, Inc.	Buy	10.24	Ordinary	947	947
29-Nov-19	The Vanguard Group, Inc.	Buy	10.04	Ordinary	840	840
29-Nov-19	The Vanguard Group, Inc.	Buy	10.03	Ordinary	239	239
2-Dec-19	The Vanguard Group, Inc.	Buy	9.90	Ordinary	13,804	13,804
3-Dec-19	The Vanguard Group, Inc.	Buy	9.87	Ordinary	1,532	1,532
3-Dec-19	The Vanguard Group, Inc.	Buy	9.91	Ordinary	239	239
3-Dec-19	The Vanguard Group, Inc.	Buy	9.91	Ordinary	478	478
4-Dec-19	The Vanguard Group, Inc.	Buy	9.84	Ordinary	9,553	9,553
4-Dec-19	The Vanguard Group, Inc.	Buy	9.84	Ordinary	122	122
6-Dec-19	The Vanguard Group, Inc.	Buy	9.81	Ordinary	8,786	8,786
9-Dec-19	The Vanguard Group, Inc.	Buy	9.82	Ordinary	1,976	1,976
10-Dec-19	The Vanguard Group, Inc.	Buy	9.80	Ordinary	239	239
11-Dec-19	The Vanguard Group, Inc.	Buy	9.86	Ordinary	840	840
11-Dec-19	The Vanguard Group, Inc.	Buy	9.86	Ordinary	840	840
11-Dec-19	The Vanguard Group, Inc.	Buy	9.89	Ordinary	595	595
12-Dec-19	The Vanguard Group, Inc.	Buy	9.75	Ordinary	2,718	2,718
12-Dec-19	The Vanguard Group, Inc.	Buy	9.73	Ordinary	789	789

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13-Dec-19	The Vanguard Group, Inc.	Buy	9.88	Ordinary	766	766
16-Dec-19	The Vanguard Group, Inc.	Buy	9.94	Ordinary	840	840
20-Dec-19	The Vanguard Group, Inc.	Sell	9.97	Ordinary	(14,756)	(14,756)
23-Dec-19	The Vanguard Group, Inc.	Buy	9.97	Ordinary	13,804	13,804
23-Dec-19	The Vanguard Group, Inc.	Buy	9.97	Ordinary	2,958	2,958
23-Dec-19	The Vanguard Group, Inc.	Buy	9.97	Ordinary	1,149	1,149
23-Dec-19	The Vanguard Group, Inc.	Buy	9.99	Ordinary	4,359	4,359
24-Dec-19	The Vanguard Group, Inc.	Buy	9.91	Ordinary	5,916	5,916
26-Dec-19	The Vanguard Group, Inc.	Buy	9.93	Ordinary	14,790	14,790
27-Dec-19	The Vanguard Group, Inc.	Buy	9.92	Ordinary	840	840
30-Dec-19	The Vanguard Group, Inc.	Buy	9.95	Ordinary	1,900	1,900
31-Dec-19	The Vanguard Group, Inc.	Buy	9.78	Ordinary	14,804	14,804
31-Dec-19	The Vanguard Group, Inc.	Buy	9.78	Ordinary	239	239
31-Dec-19	The Vanguard Group, Inc.	Buy	9.78	Ordinary	239	239
2-Jan-20	The Vanguard Group, Inc.	Buy	9.89	Ordinary	840	840
3-Jan-20	The Vanguard Group, Inc.	Buy	9.90	Ordinary	31,705	31,705
3-Jan-20	The Vanguard Group, Inc.	Buy	9.91	Ordinary	840	840
6-Jan-20	The Vanguard Group, Inc.	Buy	9.81	Ordinary	14,930	14,930
6-Jan-20	The Vanguard Group, Inc.	Buy	9.85	Ordinary	444	444
6-Jan-20	The Vanguard Group, Inc.	Buy	9.85	Ordinary	2,520	2,520
8-Jan-20	The Vanguard Group, Inc.	Buy	9.93	Ordinary	7,868	7,868
8-Jan-20	The Vanguard Group, Inc.	Buy	9.93	Ordinary	239	239
9-Jan-20	The Vanguard Group, Inc.	Buy	9.96	Ordinary	17,748	17,748
10-Jan-20	The Vanguard Group, Inc.	Buy	10.01	Ordinary	888	888
10-Jan-20	The Vanguard Group, Inc.	Buy	10.07	Ordinary	239	239
13-Jan-20	The Vanguard Group, Inc.	Buy	10.04	Ordinary	927	927
13-Jan-20	The Vanguard Group, Inc.	Buy	10.04	Ordinary	239	239
14-Jan-20	The Vanguard Group, Inc.	Buy	10.05	Ordinary	888	888
15-Jan-20	The Vanguard Group, Inc.	Buy	10.10	Ordinary	7,888	7,888
15-Jan-20	The Vanguard Group, Inc.	Buy	10.09	Ordinary	239	239
16-Jan-20	The Vanguard Group, Inc.	Buy	10.19	Ordinary	104,277	104,277
16-Jan-20	The Vanguard Group, Inc.	Buy	10.23	Ordinary	8,874	8,874
17-Jan-20	The Vanguard Group, Inc.	Buy	10.21	Ordinary	7,888	7,888
17-Jan-20	The Vanguard Group, Inc.	Buy	10.21	Ordinary	8,874	8,874
17-Jan-20	The Vanguard Group, Inc.	Buy	10.21	Ordinary	420	420
21-Jan-20	The Vanguard Group, Inc.	Buy	10.19	Ordinary	13,590	13,590
21-Jan-20	The Vanguard Group, Inc.	Buy	10.19	Ordinary	1,260	1,260
22-Jan-20	The Vanguard Group, Inc.	Buy	10.12	Ordinary	5,916	5,916
22-Jan-20	The Vanguard Group, Inc.	Buy	10.15	Ordinary	927	927
23-Jan-20	The Vanguard Group, Inc.	Buy	10.20	Ordinary	4,930	4,930
23-Jan-20	The Vanguard Group, Inc.	Sell	10.13	Ordinary	(70,973)	(70,973)
23-Jan-20	The Vanguard Group, Inc.	Buy	10.20	Ordinary	1,332	1,332
28-Jan-20	The Vanguard Group, Inc.	Buy	10.18	Ordinary	239	239
30-Jan-20	The Vanguard Group, Inc.	Buy	10.36	Ordinary	462	462
31-Jan-20	The Vanguard Group, Inc.	Buy	10.32	Ordinary	5,916	5,916
31-Jan-20	The Vanguard Group, Inc.	Buy	10.32	Ordinary	5,916	5,916
31-Jan-20	The Vanguard Group, Inc.	Buy	10.32	Ordinary	840	840
31-Jan-20	The Vanguard Group, Inc.	Buy	10.41	Ordinary	13,582	13,582
31-Jan-20	The Vanguard Group, Inc.	Buy	10.41	Ordinary	2,440	2,440
3-Feb-20	The Vanguard Group, Inc.	Buy	10.19	Ordinary	2,781	2,781
4-Feb-20	The Vanguard Group, Inc.	Buy	10.30	Ordinary	3,624	3,624
4-Feb-20	The Vanguard Group, Inc.	Buy	10.30	Ordinary	14,496	14,496
4-Feb-20	The Vanguard Group, Inc.	Buy	10.27	Ordinary	1,698	1,698
4-Feb-20	The Vanguard Group, Inc.	Buy	10.27	Ordinary	239	239
5-Feb-20	The Vanguard Group, Inc.	Buy	10.38	Ordinary	18,734	18,734
5-Feb-20	The Vanguard Group, Inc.	Buy	10.38	Ordinary	6,902	6,902
6-Feb-20	The Vanguard Group, Inc.	Buy	10.40	Ordinary	79,045	79,045
6-Feb-20	The Vanguard Group, Inc.	Buy	10.39	Ordinary	1,386	1,386
10-Feb-20	The Vanguard Group, Inc.	Buy	10.25	Ordinary	8,874	8,874
10-Feb-20	The Vanguard Group, Inc.	Buy	10.25	Ordinary	840	840
10-Feb-20	The Vanguard Group, Inc.	Buy	10.20	Ordinary	927	927
11-Feb-20	The Vanguard Group, Inc.	Buy	10.19	Ordinary	5,916	5,916
11-Feb-20	The Vanguard Group, Inc.	Buy	10.20	Ordinary	239	239
11-Feb-20	The Vanguard Group, Inc.	Buy	10.20	Ordinary	239	239
13-Feb-20	The Vanguard Group, Inc.	Buy	10.39	Ordinary	12,818	12,818

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
13-Feb-20	The Vanguard Group, Inc.	Sell	10.55	Ordinary	(403)	(403)
13-Feb-20	The Vanguard Group, Inc.	Buy	10.39	Ordinary	924	924
13-Feb-20	The Vanguard Group, Inc.	Buy	10.38	Ordinary	239	239
14-Feb-20	The Vanguard Group, Inc.	Buy	10.56	Ordinary	5,916	5,916
14-Feb-20	The Vanguard Group, Inc.	Buy	10.56	Ordinary	1,260	1,260
14-Feb-20	The Vanguard Group, Inc.	Sell	10.57	Ordinary	(9,445)	(9,445)
18-Feb-20	The Vanguard Group, Inc.	Buy	9.34	Ordinary	57,161	57,161
18-Feb-20	The Vanguard Group, Inc.	Buy	9.34	Ordinary	7,002	7,002
19-Feb-20	The Vanguard Group, Inc.	Buy	9.94	Ordinary	4,930	4,930
19-Feb-20	The Vanguard Group, Inc.	Sell	9.92	Ordinary	(1,116)	(1,116)
20-Feb-20	The Vanguard Group, Inc.	Buy	10.00	Ordinary	6,559	6,559
21-Feb-20	The Vanguard Group, Inc.	Buy	9.97	Ordinary	7,888	7,888
21-Feb-20	The Vanguard Group, Inc.	Buy	10.02	Ordinary	2,040	2,040
24-Feb-20	The Vanguard Group, Inc.	Sell	9.84	Ordinary	(2,025)	(2,025)
24-Feb-20	The Vanguard Group, Inc.	Buy	9.84	Ordinary	840	840
25-Feb-20	The Vanguard Group, Inc.	Sell	9.45	Ordinary	(810)	(810)
25-Feb-20	The Vanguard Group, Inc.	Buy	9.45	Ordinary	5,916	5,916
25-Feb-20	The Vanguard Group, Inc.	Buy	9.45	Ordinary	447	447
25-Feb-20	The Vanguard Group, Inc.	Buy	9.82	Ordinary	3,848	3,848
26-Feb-20	The Vanguard Group, Inc.	Buy	9.49	Ordinary	866	866
26-Feb-20	The Vanguard Group, Inc.	Buy	9.49	Ordinary	1,299	1,299
28-Feb-20	The Vanguard Group, Inc.	Buy	9.24	Ordinary	20,388	20,388
28-Feb-20	The Vanguard Group, Inc.	Buy	9.27	Ordinary	48,017	48,017
28-Feb-20	The Vanguard Group, Inc.	Buy	9.20	Ordinary	1,951	1,951
28-Feb-20	The Vanguard Group, Inc.	Buy	9.20	Ordinary	46,244	46,244
2-Mar-20	The Vanguard Group, Inc.	Sell	9.22	Ordinary	(7,888)	(7,888)
3-Mar-20	The Vanguard Group, Inc.	Buy	8.76	Ordinary	840	840
3-Mar-20	The Vanguard Group, Inc.	Buy	8.89	Ordinary	29,425	29,425
4-Mar-20	The Vanguard Group, Inc.	Buy	8.62	Ordinary	4,258	4,258
4-Mar-20	The Vanguard Group, Inc.	Buy	8.67	Ordinary	1,680	1,680
4-Mar-20	The Vanguard Group, Inc.	Buy	8.67	Ordinary	1,260	1,260
5-Mar-20	The Vanguard Group, Inc.	Sell	8.47	Ordinary	(54,973)	(54,973)
6-Mar-20	The Vanguard Group, Inc.	Sell	7.76	Ordinary	(5,916)	(5,916)
6-Mar-20	The Vanguard Group, Inc.	Sell	7.78	Ordinary	(45,956)	(45,956)
6-Mar-20	The Vanguard Group, Inc.	Buy	7.78	Ordinary	239	239
9-Mar-20	The Vanguard Group, Inc.	Buy	6.85	Ordinary	1,260	1,260
9-Mar-20	The Vanguard Group, Inc.	Buy	6.85	Ordinary	420	420
9-Mar-20	The Vanguard Group, Inc.	Sell	7.04	Ordinary	(11,406)	(11,406)
10-Mar-20	The Vanguard Group, Inc.	Sell	7.56	Ordinary	(4,930)	(4,930)
10-Mar-20	The Vanguard Group, Inc.	Buy	9.34	Ordinary	1,749	1,749
10-Mar-20	The Vanguard Group, Inc.	Sell	6.80	Ordinary	(1,939)	(1,939)
10-Mar-20	The Vanguard Group, Inc.	Buy	9.34	Ordinary	6,497	6,497
11-Mar-20	The Vanguard Group, Inc.	Buy	7.28	Ordinary	111,214	111,214
11-Mar-20	The Vanguard Group, Inc.	Sell	6.95	Ordinary	(2,958)	(2,958)
11-Mar-20	The Vanguard Group, Inc.	Buy	6.99	Ordinary	179	179
12-Mar-20	The Vanguard Group, Inc.	Sell	6.30	Ordinary	(10,846)	(10,846)
12-Mar-20	The Vanguard Group, Inc.	Buy	6.50	Ordinary	2,475	2,475
13-Mar-20	The Vanguard Group, Inc.	Buy	6.74	Ordinary	88,340	88,340
13-Mar-20	The Vanguard Group, Inc.	Buy	6.96	Ordinary	2,100	2,100
13-Mar-20	The Vanguard Group, Inc.	Buy	6.96	Ordinary	420	420
13-Mar-20	The Vanguard Group, Inc.	Buy	6.74	Ordinary	13,862	13,862
13-Mar-20	The Vanguard Group, Inc.	Buy	6.74	Ordinary	239	239
16-Mar-20	The Vanguard Group, Inc.	Sell	5.72	Ordinary	(1,215)	(1,215)
16-Mar-20	The Vanguard Group, Inc.	Sell	5.72	Ordinary	(3,936)	(3,936)
16-Mar-20	The Vanguard Group, Inc.	Buy	5.72	Ordinary	866	866
16-Mar-20	The Vanguard Group, Inc.	Buy	5.72	Ordinary	433	433
16-Mar-20	The Vanguard Group, Inc.	Buy	5.99	Ordinary	949	949
16-Mar-20	The Vanguard Group, Inc.	Buy	5.99	Ordinary	171	171
16-Mar-20	The Vanguard Group, Inc.	Buy	5.99	Ordinary	245	245
17-Mar-20	The Vanguard Group, Inc.	Sell	6.51	Ordinary	(1,620)	(1,620)
17-Mar-20	The Vanguard Group, Inc.	Sell	6.51	Ordinary	(7,888)	(7,888)
17-Mar-20	The Vanguard Group, Inc.	Sell	6.51	Ordinary	(9,860)	(9,860)
17-Mar-20	The Vanguard Group, Inc.	Buy	6.51	Ordinary	1,299	1,299
17-Mar-20	The Vanguard Group, Inc.	Buy	6.51	Ordinary	866	866
17-Mar-20	The Vanguard Group, Inc.	Buy	6.40	Ordinary	12,667	12,667

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18-Mar-20	The Vanguard Group, Inc.	Buy	6.19	Ordinary	130,344	130,344
18-Mar-20	The Vanguard Group, Inc.	Buy	6.34	Ordinary	1,680	1,680
19-Mar-20	The Vanguard Group, Inc.	Buy	6.35	Ordinary	166,208	166,208
19-Mar-20	The Vanguard Group, Inc.	Buy	6.15	Ordinary	840	840
20-Mar-20	The Vanguard Group, Inc.	Sell	6.36	Ordinary	(2,025)	(2,025)
20-Mar-20	The Vanguard Group, Inc.	Buy	6.36	Ordinary	1,299	1,299
20-Mar-20	The Vanguard Group, Inc.	Buy	6.36	Ordinary	840	840
20-Mar-20	The Vanguard Group, Inc.	Buy	6.23	Ordinary	3,313	3,313
20-Mar-20	The Vanguard Group, Inc.	Sell	6.35	Ordinary	(545)	(545)
16-Jul-18	Vanguard Investments Australia Ltd.	Buy	11.25	Ordinary	1,812	1,812
17-Jul-18	Vanguard Investments Australia Ltd.	Buy	11.25	Ordinary	17,911	17,911
18-Jul-18	Vanguard Investments Australia Ltd.	Sell	11.21	Ordinary	(7,548)	(7,548)
20-Jul-18	Vanguard Investments Australia Ltd.	Buy	11.26	Ordinary	3,476	3,476
2-Aug-18	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	3,006	3,006
3-Aug-18	Vanguard Investments Australia Ltd.	Sell	11.37	Ordinary	(12,784)	(12,784)
3-Aug-18	Vanguard Investments Australia Ltd.	Buy	11.37	Ordinary	12,702	12,702
7-Aug-18	Vanguard Investments Australia Ltd.	Buy	11.58	Ordinary	10,921	10,921
15-Aug-18	Vanguard Investments Australia Ltd.	Buy	11.51	Ordinary	2,004	2,004
15-Aug-18	Vanguard Investments Australia Ltd.	Buy	11.51	Ordinary	11,287	11,287
16-Aug-18	Vanguard Investments Australia Ltd.	Sell	11.50	Ordinary	(5,153)	(5,153)
20-Aug-18	Vanguard Investments Australia Ltd.	Sell	11.46	Ordinary	(2,445)	(2,445)
21-Aug-18	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	3,650	3,650
27-Aug-18	Vanguard Investments Australia Ltd.	Buy	11.17	Ordinary	4,608	4,608
29-Aug-18	Vanguard Investments Australia Ltd.	Buy	11.66	Ordinary	8,859	8,859
31-Aug-18	Vanguard Investments Australia Ltd.	Buy	11.60	Ordinary	1,945	1,945
3-Sep-18	Vanguard Investments Australia Ltd.	Sell	11.27	Ordinary	(13,423)	(13,423)
4-Sep-18	Vanguard Investments Australia Ltd.	Buy	11.07	Ordinary	4,015	4,015
4-Sep-18	Vanguard Investments Australia Ltd.	Buy	11.07	Ordinary	27,075	27,075
7-Sep-18	Vanguard Investments Australia Ltd.	Buy	10.74	Ordinary	9,246	9,246
10-Sep-18	Vanguard Investments Australia Ltd.	Buy	10.74	Ordinary	3,500	3,500
11-Sep-18	Vanguard Investments Australia Ltd.	Sell	10.88	Ordinary	(5,388)	(5,388)
17-Sep-18	Vanguard Investments Australia Ltd.	Buy	10.66	Ordinary	3,685	3,685
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	10.75	Ordinary	10,244	10,244
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	10.75	Ordinary	1,467	1,467
21-Sep-18	Vanguard Investments Australia Ltd.	Buy	10.75	Ordinary	18,221	18,221
26-Sep-18	Vanguard Investments Australia Ltd.	Buy	10.62	Ordinary	1,992	1,992
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	10.62	Ordinary	20,421	20,421
27-Sep-18	Vanguard Investments Australia Ltd.	Buy	10.62	Ordinary	25,564	25,564
28-Sep-18	Vanguard Investments Australia Ltd.	Sell	10.75	Ordinary	(13,891)	(13,891)
1-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.57	Ordinary	2,370	2,370
1-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.57	Ordinary	2,925	2,925
8-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.39	Ordinary	2,790	2,790
9-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.22	Ordinary	1,422	1,422
11-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.00	Ordinary	3,540	3,540
12-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.07	Ordinary	1,422	1,422
12-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.07	Ordinary	103,166	103,166
17-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.13	Ordinary	1,422	1,422
17-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.13	Ordinary	5,542	5,542
23-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.08	Ordinary	1,422	1,422
23-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.08	Ordinary	1,896	1,896
24-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.11	Ordinary	4,092	4,092
25-Oct-18	Vanguard Investments Australia Ltd.	Buy	9.85	Ordinary	15,446	15,446
25-Oct-18	Vanguard Investments Australia Ltd.	Sell	9.85	Ordinary	(4,966)	(4,966)
25-Oct-18	Vanguard Investments Australia Ltd.	Buy	9.85	Ordinary	1,896	1,896
25-Oct-18	Vanguard Investments Australia Ltd.	Buy	9.85	Ordinary	4,774	4,774
29-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.15	Ordinary	1,896	1,896
31-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.23	Ordinary	5,504	5,504
31-Oct-18	Vanguard Investments Australia Ltd.	Buy	10.23	Ordinary	1,032	1,032
1-Nov-18	Vanguard Investments Australia Ltd.	Buy	10.16	Ordinary	12,698	12,698
1-Nov-18	Vanguard Investments Australia Ltd.	Buy	10.16	Ordinary	688	688
2-Nov-18	Vanguard Investments Australia Ltd.	Buy	10.05	Ordinary	4,472	4,472
12-Nov-18	Vanguard Investments Australia Ltd.	Buy	10.66	Ordinary	4,472	4,472
16-Nov-18	Vanguard Investments Australia Ltd.	Buy	10.23	Ordinary	38,965	38,965
19-Nov-18	Vanguard Investments Australia Ltd.	Sell	10.11	Ordinary	(22,457)	(22,457)
22-Nov-18	Vanguard Investments Australia Ltd.	Buy	10.27	Ordinary	1,461	1,461

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22-Nov-18	Vanguard Investments Australia Ltd.	Buy	10.27	Ordinary	1,461	1,461
22-Nov-18	Vanguard Investments Australia Ltd.	Buy	10.27	Ordinary	5,012	5,012
23-Nov-18	Vanguard Investments Australia Ltd.	Buy	10.39	Ordinary	20,048	20,048
29-Nov-18	Vanguard Investments Australia Ltd.	Buy	10.82	Ordinary	3,938	3,938
3-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.75	Ordinary	4,654	4,654
4-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.62	Ordinary	26,709	26,709
4-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.62	Ordinary	30,649	30,649
6-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.62	Ordinary	1,434	1,434
10-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.36	Ordinary	1,912	1,912
11-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.23	Ordinary	1,434	1,434
11-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.23	Ordinary	4,308	4,308
11-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.23	Ordinary	7,180	7,180
12-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.29	Ordinary	343,335	343,335
14-Dec-18	Vanguard Investments Australia Ltd.	Sell	10.33	Ordinary	(2,154)	(2,154)
18-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.32	Ordinary	1,912	1,912
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.11	Ordinary	22,056	22,056
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.11	Ordinary	8,568	8,568
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.11	Ordinary	5,046	5,046
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.11	Ordinary	12,293	12,293
21-Dec-18	Vanguard Investments Australia Ltd.	Sell	10.08	Ordinary	(4,345)	(4,345)
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.11	Ordinary	12,802	12,802
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.11	Ordinary	33,888	33,888
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.08	Ordinary	1,434	1,434
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.10	Ordinary	69,092	69,092
21-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.11	Ordinary	51,570	51,570
27-Dec-18	Vanguard Investments Australia Ltd.	Buy	10.32	Ordinary	2,220	2,220
31-Dec-18	Vanguard Investments Australia Ltd.	Sell	10.80	Ordinary	(27,041)	(27,041)
3-Jan-19	Vanguard Investments Australia Ltd.	Buy	10.64	Ordinary	8,129	8,129
4-Jan-19	Vanguard Investments Australia Ltd.	Buy	10.57	Ordinary	2,390	2,390
8-Jan-19	Vanguard Investments Australia Ltd.	Buy	10.90	Ordinary	3,680	3,680
10-Jan-19	Vanguard Investments Australia Ltd.	Buy	10.92	Ordinary	26,828	26,828
11-Jan-19	Vanguard Investments Australia Ltd.	Buy	10.84	Ordinary	4,452	4,452
11-Jan-19	Vanguard Investments Australia Ltd.	Buy	10.85	Ordinary	13,882	13,882
18-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.09	Ordinary	2,643	2,643
18-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.08	Ordinary	21,289	21,289
21-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.24	Ordinary	(3,019)	(3,019)
21-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.24	Ordinary	1,521	1,521
24-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.15	Ordinary	(13,270)	(13,270)
29-Jan-19	Vanguard Investments Australia Ltd.	Sell	11.01	Ordinary	(12,726)	(12,726)
30-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.08	Ordinary	1,484	1,484
30-Jan-19	Vanguard Investments Australia Ltd.	Buy	11.06	Ordinary	17,473	17,473
4-Feb-19	Vanguard Investments Australia Ltd.	Buy	11.00	Ordinary	16,595	16,595
5-Feb-19	Vanguard Investments Australia Ltd.	Sell	11.27	Ordinary	(26,880)	(26,880)
15-Feb-19	Vanguard Investments Australia Ltd.	Sell	9.87	Ordinary	(8,225)	(8,225)
19-Feb-19	Vanguard Investments Australia Ltd.	Buy	9.84	Ordinary	4,389	4,389
25-Feb-19	Vanguard Investments Australia Ltd.	Buy	9.91	Ordinary	13,721	13,721
26-Feb-19	Vanguard Investments Australia Ltd.	Sell	9.83	Ordinary	(30,161)	(30,161)
26-Feb-19	Vanguard Investments Australia Ltd.	Buy	9.83	Ordinary	3,990	3,990
5-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.66	Ordinary	25,536	25,536
7-Mar-19	Vanguard Investments Australia Ltd.	Sell	9.80	Ordinary	(13,935)	(13,935)
7-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.80	Ordinary	26,449	26,449
11-Mar-19	Vanguard Investments Australia Ltd.	Sell	9.74	Ordinary	(7,379)	(7,379)
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.81	Ordinary	3,021	3,021
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.80	Ordinary	15,621	15,621
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.81	Ordinary	2,007	2,007
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.80	Ordinary	10,377	10,377
15-Mar-19	Vanguard Investments Australia Ltd.	Sell	9.81	Ordinary	(3,432)	(3,432)
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.81	Ordinary	2,095	2,095
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.80	Ordinary	10,831	10,831
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.81	Ordinary	2,345	2,345
15-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.80	Ordinary	12,123	12,123
21-Mar-19	Vanguard Investments Australia Ltd.	Buy	9.63	Ordinary	15,130	15,130
29-Mar-19	Vanguard Investments Australia Ltd.	Sell	9.68	Ordinary	(21,396)	(21,396)
1-Apr-19	Vanguard Investments Australia Ltd.	Sell	9.73	Ordinary	(13,872)	(13,872)
1-Apr-19	Vanguard Investments Australia Ltd.	Buy	9.73	Ordinary	23,007	23,007

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2-Apr-19	Vanguard Investments Australia Ltd.	Buy	9.92	Ordinary	5,895	5,895
2-Apr-19	Vanguard Investments Australia Ltd.	Buy	9.92	Ordinary	16,110	16,110
2-Apr-19	Vanguard Investments Australia Ltd.	Buy	9.87	Ordinary	2,565	2,565
2-Apr-19	Vanguard Investments Australia Ltd.	Buy	9.87	Ordinary	2,667	2,667
8-Apr-19	Vanguard Investments Australia Ltd.	Buy	9.86	Ordinary	3,048	3,048
9-Apr-19	Vanguard Investments Australia Ltd.	Sell	9.83	Ordinary	(2,224)	(2,224)
9-Apr-19	Vanguard Investments Australia Ltd.	Buy	9.83	Ordinary	142,753	142,753
11-Apr-19	Vanguard Investments Australia Ltd.	Buy	9.50	Ordinary	14,643	14,643
16-Apr-19	Vanguard Investments Australia Ltd.	Buy	9.90	Ordinary	28,229	28,229
30-Apr-19	Vanguard Investments Australia Ltd.	Buy	10.30	Ordinary	4,524	4,524
1-May-19	Vanguard Investments Australia Ltd.	Buy	10.36	Ordinary	1,974	1,974
1-May-19	Vanguard Investments Australia Ltd.	Buy	10.35	Ordinary	20,984	20,984
10-May-19	Vanguard Investments Australia Ltd.	Buy	10.57	Ordinary	3,393	3,393
16-May-19	Vanguard Investments Australia Ltd.	Buy	10.57	Ordinary	28,386	28,386
17-May-19	Vanguard Investments Australia Ltd.	Buy	10.60	Ordinary	3,840	3,840
21-May-19	Vanguard Investments Australia Ltd.	Buy	11.26	Ordinary	3,840	3,840
22-May-19	Vanguard Investments Australia Ltd.	Buy	11.15	Ordinary	16,721	16,721
27-May-19	Vanguard Investments Australia Ltd.	Sell	11.10	Ordinary	(6,434)	(6,434)
28-May-19	Vanguard Investments Australia Ltd.	Buy	11.07	Ordinary	5,330	5,330
30-May-19	Vanguard Investments Australia Ltd.	Buy	11.14	Ordinary	30,434	30,434
3-Jun-19	Vanguard Investments Australia Ltd.	Sell	11.08	Ordinary	(11,152)	(11,152)
3-Jun-19	Vanguard Investments Australia Ltd.	Sell	11.08	Ordinary	(5,006)	(5,006)
4-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.16	Ordinary	37,428	37,428
4-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.15	Ordinary	5,330	5,330
5-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.22	Ordinary	1,070	1,070
6-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.42	Ordinary	1,070	1,070
6-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.42	Ordinary	6,396	6,396
7-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.41	Ordinary	13,169	13,169
11-Jun-19	Vanguard Investments Australia Ltd.	Sell	11.60	Ordinary	(8,413)	(8,413)
11-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.60	Ordinary	1,605	1,605
12-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.53	Ordinary	15,810	15,810
13-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.58	Ordinary	1,070	1,070
17-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.47	Ordinary	4,376	4,376
20-Jun-19	Vanguard Investments Australia Ltd.	Sell	11.59	Ordinary	(11,161)	(11,161)
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	413	413
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	4,786	4,786
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	1,637	1,637
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	18,933	18,933
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	1,605	1,605
21-Jun-19	Vanguard Investments Australia Ltd.	Sell	11.59	Ordinary	(12,258)	(12,258)
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	3,282	3,282
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	2,237	2,237
21-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	25,870	25,870
25-Jun-19	Vanguard Investments Australia Ltd.	Sell	11.60	Ordinary	(9,340)	(9,340)
26-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.60	Ordinary	1,587	1,587
27-Jun-19	Vanguard Investments Australia Ltd.	Sell	11.59	Ordinary	(5,519)	(5,519)
27-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	2,120	2,120
27-Jun-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	3,829	3,829
2-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	1,569	1,569
2-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	6,480	6,480
8-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	3,138	3,138
8-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.39	Ordinary	3,240	3,240
9-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.38	Ordinary	3,240	3,240
11-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.45	Ordinary	3,246	3,246
15-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.40	Ordinary	1,569	1,569
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.43	Ordinary	8,877	8,877
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.40	Ordinary	6,504	6,504
16-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.40	Ordinary	15,230	15,230
17-Jul-19	Vanguard Investments Australia Ltd.	Sell	11.47	Ordinary	(8,772)	(8,772)
18-Jul-19	Vanguard Investments Australia Ltd.	Sell	11.36	Ordinary	(2,492)	(2,492)
22-Jul-19	Vanguard Investments Australia Ltd.	Sell	11.49	Ordinary	(297,540)	(297,540)
22-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.49	Ordinary	1,569	1,569
30-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.66	Ordinary	6,017	6,017
31-Jul-19	Vanguard Investments Australia Ltd.	Buy	11.49	Ordinary	1,569	1,569
1-Aug-19	Vanguard Investments Australia Ltd.	Sell	11.50	Ordinary	(3,211)	(3,211)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
6-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.68	Ordinary	2,092	2,092
6-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.68	Ordinary	4,851	4,851
6-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.68	Ordinary	4,851	4,851
6-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.68	Ordinary	14,440	14,440
7-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.77	Ordinary	3,661	3,661
8-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.76	Ordinary	5,907	5,907
12-Aug-19	Vanguard Investments Australia Ltd.	Buy	11.11	Ordinary	5,929	5,929
14-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.80	Ordinary	2,100	2,100
14-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.80	Ordinary	14,688	14,688
15-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.50	Ordinary	2,100	2,100
16-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.58	Ordinary	14,829	14,829
21-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.83	Ordinary	1,575	1,575
22-Aug-19	Vanguard Investments Australia Ltd.	Buy	10.88	Ordinary	15,119	15,119
29-Aug-19	Vanguard Investments Australia Ltd.	Buy	11.13	Ordinary	1,584	1,584
30-Aug-19	Vanguard Investments Australia Ltd.	Buy	11.18	Ordinary	18,546	18,546
30-Aug-19	Vanguard Investments Australia Ltd.	Buy	11.18	Ordinary	9,951	9,951
2-Sep-19	Vanguard Investments Australia Ltd.	Buy	10.74	Ordinary	12,122	12,122
3-Sep-19	Vanguard Investments Australia Ltd.	Buy	10.71	Ordinary	52,654	52,654
4-Sep-19	Vanguard Investments Australia Ltd.	Buy	10.74	Ordinary	9,557	9,557
4-Sep-19	Vanguard Investments Australia Ltd.	Buy	10.74	Ordinary	2,116	2,116
5-Sep-19	Vanguard Investments Australia Ltd.	Buy	10.89	Ordinary	2,124	2,124
5-Sep-19	Vanguard Investments Australia Ltd.	Buy	10.89	Ordinary	10,487	10,487
5-Sep-19	Vanguard Investments Australia Ltd.	Buy	10.89	Ordinary	15,628	15,628
9-Sep-19	Vanguard Investments Australia Ltd.	Buy	11.02	Ordinary	2,124	2,124
13-Sep-19	Vanguard Investments Australia Ltd.	Buy	11.47	Ordinary	4,684	4,684
13-Sep-19	Vanguard Investments Australia Ltd.	Sell	11.47	Ordinary	(4,645)	(4,645)
17-Sep-19	Vanguard Investments Australia Ltd.	Buy	11.44	Ordinary	10,260	10,260
19-Sep-19	Vanguard Investments Australia Ltd.	Buy	11.43	Ordinary	1,593	1,593
20-Sep-19	Vanguard Investments Australia Ltd.	Buy	11.50	Ordinary	5,410	5,410
23-Sep-19	Vanguard Investments Australia Ltd.	Buy	11.59	Ordinary	8,340	8,340
25-Sep-19	Vanguard Investments Australia Ltd.	Buy	11.57	Ordinary	7,812	7,812
27-Sep-19	Vanguard Investments Australia Ltd.	Buy	11.61	Ordinary	2,116	2,116
27-Sep-19	Vanguard Investments Australia Ltd.	Buy	11.61	Ordinary	3,703	3,703
27-Sep-19	Vanguard Investments Australia Ltd.	Buy	11.61	Ordinary	6,708	6,708
30-Sep-19	Vanguard Investments Australia Ltd.	Sell	11.49	Ordinary	(13,801)	(13,801)
2-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.30	Ordinary	16,936	16,936
2-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.30	Ordinary	9,786	9,786
2-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.31	Ordinary	10,450	10,450
2-Oct-19	Vanguard Investments Australia Ltd.	Sell	11.31	Ordinary	(13,200)	(13,200)
3-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.01	Ordinary	18,505	18,505
3-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.03	Ordinary	3,126	3,126
4-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.10	Ordinary	9,722	9,722
4-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.10	Ordinary	9,367	9,367
7-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.10	Ordinary	14,520	14,520
9-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.10	Ordinary	2,605	2,605
11-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.24	Ordinary	4,472	4,472
14-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.32	Ordinary	64,668	64,668
16-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.40	Ordinary	76,634	76,634
17-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.22	Ordinary	2,084	2,084
18-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.08	Ordinary	1,563	1,563
18-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.08	Ordinary	5,610	5,610
22-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.01	Ordinary	5,660	5,660
23-Oct-19	Vanguard Investments Australia Ltd.	Buy	11.01	Ordinary	9,083	9,083
28-Oct-19	Vanguard Investments Australia Ltd.	Buy	10.85	Ordinary	5,740	5,740
30-Oct-19	Vanguard Investments Australia Ltd.	Buy	10.78	Ordinary	15,498	15,498
30-Oct-19	Vanguard Investments Australia Ltd.	Buy	10.78	Ordinary	1,563	1,563
30-Oct-19	Vanguard Investments Australia Ltd.	Buy	10.78	Ordinary	2,084	2,084
31-Oct-19	Vanguard Investments Australia Ltd.	Buy	10.65	Ordinary	10,781	10,781
31-Oct-19	Vanguard Investments Australia Ltd.	Buy	10.65	Ordinary	14,088	14,088
31-Oct-19	Vanguard Investments Australia Ltd.	Sell	10.65	Ordinary	(7,044)	(7,044)
1-Nov-19	Vanguard Investments Australia Ltd.	Sell	10.63	Ordinary	(62,504)	(62,504)
1-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.63	Ordinary	2,084	2,084
1-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.63	Ordinary	1,563	1,563
4-Nov-19	Vanguard Investments Australia Ltd.	Sell	10.50	Ordinary	(78,315)	(78,315)
4-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.50	Ordinary	6,585	6,585

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
5-Nov-19	Vanguard Investments Australia Ltd.	Sell	10.64	Ordinary	(18,273)	(18,273)
5-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.64	Ordinary	2,084	2,084
5-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.64	Ordinary	7,236	7,236
7-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.65	Ordinary	2,080	2,080
11-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.84	Ordinary	17,502	17,502
12-Nov-19	Vanguard Investments Australia Ltd.	Sell	10.73	Ordinary	(2,306)	(2,306)
12-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.73	Ordinary	1,566	1,566
12-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.73	Ordinary	6,611	6,611
13-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.68	Ordinary	1,800	1,800
15-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.77	Ordinary	2,096	2,096
19-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.72	Ordinary	7,670	7,670
20-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.64	Ordinary	4,130	4,130
21-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.59	Ordinary	2,096	2,096
21-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.59	Ordinary	12,390	12,390
22-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.44	Ordinary	1,572	1,572
22-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.44	Ordinary	8,263	8,263
25-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.28	Ordinary	9,197	9,197
26-Nov-19	Vanguard Investments Australia Ltd.	Sell	10.12	Ordinary	(9,496)	(9,496)
28-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.18	Ordinary	1,572	1,572
29-Nov-19	Vanguard Investments Australia Ltd.	Buy	10.03	Ordinary	7,140	7,140
2-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.99	Ordinary	23,605	23,605
3-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.91	Ordinary	3,144	3,144
4-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.84	Ordinary	2,620	2,620
4-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.84	Ordinary	13,222	13,222
6-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.81	Ordinary	144,425	144,425
6-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.81	Ordinary	22,707	22,707
9-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.82	Ordinary	2,096	2,096
9-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.82	Ordinary	7,284	7,284
11-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.89	Ordinary	12,125	12,125
11-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.89	Ordinary	8,745	8,745
13-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.87	Ordinary	2,096	2,096
13-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.87	Ordinary	6,100	6,100
18-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.90	Ordinary	8,568	8,568
20-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.98	Ordinary	2,092	2,092
27-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.95	Ordinary	1,596	1,596
30-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.95	Ordinary	4,888	4,888
30-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.93	Ordinary	13,940	13,940
31-Dec-19	Vanguard Investments Australia Ltd.	Buy	9.78	Ordinary	3,055	3,055
2-Jan-20	Vanguard Investments Australia Ltd.	Buy	9.85	Ordinary	2,108	2,108
2-Jan-20	Vanguard Investments Australia Ltd.	Buy	9.85	Ordinary	7,284	7,284
3-Jan-20	Vanguard Investments Australia Ltd.	Sell	9.89	Ordinary	(32,317)	(32,317)
7-Jan-20	Vanguard Investments Australia Ltd.	Buy	9.93	Ordinary	3,636	3,636
8-Jan-20	Vanguard Investments Australia Ltd.	Buy	9.93	Ordinary	9,165	9,165
9-Jan-20	Vanguard Investments Australia Ltd.	Sell	9.93	Ordinary	(4,912)	(4,912)
13-Jan-20	Vanguard Investments Australia Ltd.	Buy	10.04	Ordinary	9,300	9,300
14-Jan-20	Vanguard Investments Australia Ltd.	Buy	10.09	Ordinary	14,963	14,963
15-Jan-20	Vanguard Investments Australia Ltd.	Buy	10.09	Ordinary	11,341	11,341
17-Jan-20	Vanguard Investments Australia Ltd.	Buy	10.18	Ordinary	1,581	1,581
21-Jan-20	Vanguard Investments Australia Ltd.	Buy	10.16	Ordinary	9,345	9,345
23-Jan-20	Vanguard Investments Australia Ltd.	Buy	10.16	Ordinary	1,581	1,581
29-Jan-20	Vanguard Investments Australia Ltd.	Buy	10.30	Ordinary	2,108	2,108
30-Jan-20	Vanguard Investments Australia Ltd.	Buy	10.29	Ordinary	9,450	9,450
7-Feb-20	Vanguard Investments Australia Ltd.	Buy	10.12	Ordinary	6,210	6,210
10-Feb-20	Vanguard Investments Australia Ltd.	Buy	10.20	Ordinary	19,979	19,979
11-Feb-20	Vanguard Investments Australia Ltd.	Buy	10.20	Ordinary	13,020	13,020
11-Feb-20	Vanguard Investments Australia Ltd.	Buy	10.23	Ordinary	8,186	8,186
13-Feb-20	Vanguard Investments Australia Ltd.	Sell	10.38	Ordinary	(2,635)	(2,635)
26-Feb-20	Vanguard Investments Australia Ltd.	Buy	9.52	Ordinary	9,744	9,744
28-Feb-20	Vanguard Investments Australia Ltd.	Buy	9.20	Ordinary	5,989	5,989
28-Feb-20	Vanguard Investments Australia Ltd.	Sell	9.19	Ordinary	(14,209)	(14,209)
28-Feb-20	Vanguard Investments Australia Ltd.	Buy	9.19	Ordinary	9,165	9,165
3-Mar-20	Vanguard Investments Australia Ltd.	Buy	8.89	Ordinary	1,596	1,596
3-Mar-20	Vanguard Investments Australia Ltd.	Buy	8.89	Ordinary	16,389	16,389
4-Mar-20	Vanguard Investments Australia Ltd.	Buy	8.53	Ordinary	750	750
4-Mar-20	Vanguard Investments Australia Ltd.	Buy	8.53	Ordinary	2,128	2,128

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-Mar-20	Vanguard Investments Australia Ltd.	Buy	8.53	Ordinary	10,353	10,353
5-Mar-20	Vanguard Investments Australia Ltd.	Buy	8.47	Ordinary	2,140	2,140
5-Mar-20	Vanguard Investments Australia Ltd.	Buy	8.47	Ordinary	11,723	11,723
9-Mar-20	Vanguard Investments Australia Ltd.	Buy	7.04	Ordinary	3,210	3,210
9-Mar-20	Vanguard Investments Australia Ltd.	Buy	7.04	Ordinary	2,675	2,675
9-Mar-20	Vanguard Investments Australia Ltd.	Buy	7.04	Ordinary	22,435	22,435
9-Mar-20	Vanguard Investments Australia Ltd.	Buy	7.04	Ordinary	20,110	20,110
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	14,017	14,017
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	21,955	21,955
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	75,879	75,879
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	8,485	8,485
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	11,911	11,911
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	8,500	8,500
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	18,958	18,958
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	318	318
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	104,514	104,514
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	986	986
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	47,162	47,162
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	109,224	109,224
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	7.43	Ordinary	25,099	25,099
10-Mar-20	Vanguard Investments Australia Ltd.	Buy	9.34	Ordinary	256,282	256,282
11-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.99	Ordinary	4,815	4,815
11-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.99	Ordinary	3,210	3,210
11-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.99	Ordinary	12,680	12,680
11-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.99	Ordinary	15,850	15,850
12-Mar-20	Vanguard Investments Australia Ltd.	Sell	6.50	Ordinary	(8,598)	(8,598)
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.50	Ordinary	2,140	2,140
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.50	Ordinary	10,693	10,693
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.50	Ordinary	18,870	18,870
12-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.50	Ordinary	50,878	50,878
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	6.74	Ordinary	(11,315)	(11,315)
13-Mar-20	Vanguard Investments Australia Ltd.	Sell	6.74	Ordinary	(7,474)	(7,474)
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.74	Ordinary	4,280	4,280
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.74	Ordinary	21,731	21,731
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.74	Ordinary	18,870	18,870
13-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.74	Ordinary	30,863	30,863
16-Mar-20	Vanguard Investments Australia Ltd.	Buy	5.99	Ordinary	22,015	22,015
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.40	Ordinary	4,280	4,280
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.40	Ordinary	3,210	3,210
17-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.40	Ordinary	15,475	15,475
18-Mar-20	Vanguard Investments Australia Ltd.	Sell	6.18	Ordinary	(16,544)	(16,544)
18-Mar-20	Vanguard Investments Australia Ltd.	Sell	6.18	Ordinary	(12,213)	(12,213)
18-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.18	Ordinary	18,540	18,540
18-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.18	Ordinary	20,506	20,506
19-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.11	Ordinary	1,605	1,605
19-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.11	Ordinary	13,892	13,892
20-Mar-20	Vanguard Investments Australia Ltd.	Sell	6.45	Ordinary	(14,074)	(14,074)
20-Mar-20	Vanguard Investments Australia Ltd.	Buy	6.45	Ordinary	19,282	19,282

This is Annexure A of 14 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 24 March 2020