

Form 604
Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme GPT Group

ACN/ARSN 107 426 504

1. Details of substantial holder (1)

Name The Vanguard Group, Inc.

ACN/ARSN (if applicable) N/A

There was a change in the interests of the substantial holder on 21 December 2018

The previous notice was given to the company on 16 February 2017

The previous notice was dated 16 February 2017

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)
Ordinary (Vanguard Investments Australia Ltd)	117,427,713	6.531%	122,022,545	6.761%
Ordinary (The Vanguard Group Inc.)	46,413,650	2.581%	61,605,905	3.413%
Total	163,841,363	9.113%	183,628,450	10.174%

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 Investments Australia Ltd	JPMorgan Chase Bank, N.A. and various other custodians	Vanguard Investments Australia Ltd is the manager of various superannuation funds, institutional investor portfolios and unit trusts and in that capacity can exercise the power to vote and/or dispose of the shares	Beneficial Owner	Ordinary – 122,022,545	122,022,545
The Vanguard Group, Inc.	JP Morgan Chase Bank, N.A.	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	Ordinary – 27,776,776	27,776,776
The Vanguard Group, Inc.	Brown Brothers Harriman	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	Ordinary – 4,293,758	4,293,758
The Vanguard Group, Inc.	BNY Mellon	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	Ordinary – 5,915,004	5,915,004
The Vanguard Group, Inc.	State Street Bank and Trust Company	The Vanguard Group, Inc., is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares	Beneficial Owner	Ordinary – 23,620,367	23,620,367

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 Investments Australia Ltd	Level 34, 2 Southbank Blvd, Southbank 3006 VIC Australia
The Vanguard Group, Inc.	Attn: Shawn Acker Compliance Manager P.O. Box 2600 Valley Forge, PA 19482 USA Vanguard_Fund_Compliance@Vanguard.com

Signature

print name SHAWN ACKER capacity MANAGER
sign here  date 27 December 2018

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) Include details of:
- (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.

- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

To Company	GPT Group
ACN/ARSN	107 426 504
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
10-Feb-17	The Vanguard Group, Inc.	BUY	4.85	Ordinary	10,602	10,602
10-Feb-17	The Vanguard Group, Inc.	BUY	4.85	Ordinary	24,888	24,888
13-Feb-17	The Vanguard Group, Inc.	BUY	4.83	Ordinary	4,355	4,355
15-Feb-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	5,301	5,301
15-Feb-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	5,226	5,226
15-Feb-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	4,148	4,148
15-Feb-17	The Vanguard Group, Inc.	BUY	4.90	Ordinary	21,638	21,638
15-Feb-17	The Vanguard Group, Inc.	SELL	4.90	Ordinary	(2,316)	(2,316)
16-Feb-17	The Vanguard Group, Inc.	SELL	4.87	Ordinary	(1,672)	(1,672)
16-Feb-17	The Vanguard Group, Inc.	BUY	4.88	Ordinary	103,090	103,090
17-Feb-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	12,194	12,194
17-Feb-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	61,854	61,854
22-Feb-17	The Vanguard Group, Inc.	BUY	4.88	Ordinary	133,400	133,400
22-Feb-17	The Vanguard Group, Inc.	BUY	4.88	Ordinary	20,740	20,740
22-Feb-17	The Vanguard Group, Inc.	BUY	4.88	Ordinary	113,399	113,399
22-Feb-17	The Vanguard Group, Inc.	BUY	4.88	Ordinary	51,545	51,545
22-Feb-17	The Vanguard Group, Inc.	BUY	4.88	Ordinary	1,412	1,412
22-Feb-17	The Vanguard Group, Inc.	BUY	4.88	Ordinary	1,243	1,243
22-Feb-17	The Vanguard Group, Inc.	BUY	4.88	Ordinary	14,140	14,140
23-Feb-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	72,163	72,163
24-Feb-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	12,444	12,444
24-Feb-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	41,236	41,236
28-Feb-17	The Vanguard Group, Inc.	SELL	4.93	Ordinary	(15,007)	(15,007)
1-Mar-17	The Vanguard Group, Inc.	BUY	4.93	Ordinary	5,226	5,226
3-Mar-17	The Vanguard Group, Inc.	BUY	4.94	Ordinary	151,852	151,852
3-Mar-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	29,036	29,036
6-Mar-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	51,545	51,545
6-Mar-17	The Vanguard Group, Inc.	SELL	4.89	Ordinary	(14,362)	(14,362)
7-Mar-17	The Vanguard Group, Inc.	BUY	4.90	Ordinary	1,263	1,263
8-Mar-17	The Vanguard Group, Inc.	BUY	4.90	Ordinary	10,602	10,602
8-Mar-17	The Vanguard Group, Inc.	BUY	4.90	Ordinary	8,835	8,835
8-Mar-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	135,183	135,183
8-Mar-17	The Vanguard Group, Inc.	BUY	4.90	Ordinary	8,710	8,710
8-Mar-17	The Vanguard Group, Inc.	BUY	4.90	Ordinary	10,370	10,370
8-Mar-17	The Vanguard Group, Inc.	BUY	4.90	Ordinary	600	600
9-Mar-17	The Vanguard Group, Inc.	BUY	4.84	Ordinary	20,740	20,740
9-Mar-17	The Vanguard Group, Inc.	BUY	4.84	Ordinary	113,399	113,399
9-Mar-17	The Vanguard Group, Inc.	BUY	4.85	Ordinary	3,662	3,662
10-Mar-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	7,839	7,839
10-Mar-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	20,740	20,740
10-Mar-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	6,222	6,222
10-Mar-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	26,310	26,310
13-Mar-17	The Vanguard Group, Inc.	BUY	4.80	Ordinary	20,740	20,740
13-Mar-17	The Vanguard Group, Inc.	BUY	4.80	Ordinary	24,888	24,888
13-Mar-17	The Vanguard Group, Inc.	BUY	4.80	Ordinary	8,770	8,770
14-Mar-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	20,740	20,740
14-Mar-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	18,666	18,666
15-Mar-17	The Vanguard Group, Inc.	BUY	4.97	Ordinary	10,602	10,602
15-Mar-17	The Vanguard Group, Inc.	BUY	4.97	Ordinary	5,226	5,226
15-Mar-17	The Vanguard Group, Inc.	BUY	4.94	Ordinary	3,662	3,662
15-Mar-17	The Vanguard Group, Inc.	BUY	4.94	Ordinary	52,742	52,742
16-Mar-17	The Vanguard Group, Inc.	BUY	4.99	Ordinary	26,310	26,310
16-Mar-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	413,353	413,353
17-Mar-17	The Vanguard Group, Inc.	BUY	5.01	Ordinary	47,879	47,879
17-Mar-17	The Vanguard Group, Inc.	SELL	5.01	Ordinary	(386)	(386)
17-Mar-17	The Vanguard Group, Inc.	BUY	5.01	Ordinary	14,311	14,311
17-Mar-17	The Vanguard Group, Inc.	BUY	5.01	Ordinary	7,255	7,255
20-Mar-17	The Vanguard Group, Inc.	BUY	5.01	Ordinary	12,444	12,444
20-Mar-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	12,924	12,924
20-Mar-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	8,616	8,616
20-Mar-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	9,311	9,311
21-Mar-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	21,540	21,540
21-Mar-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	3,282	3,282
21-Mar-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	6,489	6,489

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
22-Mar-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	9,495	9,495
27-Mar-17	The Vanguard Group, Inc.	BUY	5.12	Ordinary	1,337	1,337
28-Mar-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	21,573	21,573
29-Mar-17	The Vanguard Group, Inc.	BUY	5.17	Ordinary	3,662	3,662
30-Mar-17	The Vanguard Group, Inc.	BUY	5.21	Ordinary	10,131	10,131
31-Mar-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	5,526	5,526
31-Mar-17	The Vanguard Group, Inc.	SELL	5.15	Ordinary	(20,072)	(20,072)
3-Apr-17	The Vanguard Group, Inc.	BUY	5.17	Ordinary	1,776	1,776
3-Apr-17	The Vanguard Group, Inc.	BUY	5.17	Ordinary	7,368	7,368
4-Apr-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	21,540	21,540
4-Apr-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	12,924	12,924
4-Apr-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	108,845	108,845
4-Apr-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	7,056	7,056
5-Apr-17	The Vanguard Group, Inc.	BUY	5.17	Ordinary	30,156	30,156
5-Apr-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	1,381	1,381
6-Apr-17	The Vanguard Group, Inc.	BUY	5.20	Ordinary	5,328	5,328
6-Apr-17	The Vanguard Group, Inc.	BUY	5.20	Ordinary	10,131	10,131
6-Apr-17	The Vanguard Group, Inc.	BUY	5.19	Ordinary	72,865	72,865
7-Apr-17	The Vanguard Group, Inc.	BUY	5.18	Ordinary	2,114	2,114
7-Apr-17	The Vanguard Group, Inc.	BUY	5.18	Ordinary	26,225	26,225
11-Apr-17	The Vanguard Group, Inc.	BUY	5.20	Ordinary	10,131	10,131
11-Apr-17	The Vanguard Group, Inc.	BUY	5.20	Ordinary	1,279	1,279
11-Apr-17	The Vanguard Group, Inc.	BUY	5.20	Ordinary	585	585
12-Apr-17	The Vanguard Group, Inc.	BUY	5.31	Ordinary	5,328	5,328
12-Apr-17	The Vanguard Group, Inc.	BUY	5.28	Ordinary	128,223	128,223
12-Apr-17	The Vanguard Group, Inc.	BUY	5.31	Ordinary	8,616	8,616
12-Apr-17	The Vanguard Group, Inc.	BUY	5.31	Ordinary	10,770	10,770
12-Apr-17	The Vanguard Group, Inc.	BUY	5.32	Ordinary	80,145	80,145
19-Apr-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	123,337	123,337
19-Apr-17	The Vanguard Group, Inc.	BUY	5.28	Ordinary	43,080	43,080
19-Apr-17	The Vanguard Group, Inc.	SELL	5.32	Ordinary	(1,026)	(1,026)
19-Apr-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	12,967	12,967
21-Apr-17	The Vanguard Group, Inc.	BUY	5.37	Ordinary	12,924	12,924
21-Apr-17	The Vanguard Group, Inc.	BUY	5.37	Ordinary	79,160	79,160
21-Apr-17	The Vanguard Group, Inc.	BUY	5.37	Ordinary	49,475	49,475
24-Apr-17	The Vanguard Group, Inc.	BUY	5.32	Ordinary	7,368	7,368
24-Apr-17	The Vanguard Group, Inc.	BUY	5.32	Ordinary	108,845	108,845
24-Apr-17	The Vanguard Group, Inc.	BUY	5.32	Ordinary	29,685	29,685
24-Apr-17	The Vanguard Group, Inc.	BUY	5.33	Ordinary	1,735	1,735
25-Apr-17	The Vanguard Group, Inc.	BUY	5.34	Ordinary	8,616	8,616
25-Apr-17	The Vanguard Group, Inc.	BUY	5.34	Ordinary	21,540	21,540
26-Apr-17	The Vanguard Group, Inc.	BUY	5.32	Ordinary	24,696	24,696
26-Apr-17	The Vanguard Group, Inc.	BUY	5.17	Ordinary	2,884	2,884
27-Apr-17	The Vanguard Group, Inc.	BUY	5.30	Ordinary	28,224	28,224
27-Apr-17	The Vanguard Group, Inc.	BUY	5.30	Ordinary	8,731	8,731
2-May-17	The Vanguard Group, Inc.	BUY	5.33	Ordinary	43,080	43,080
2-May-17	The Vanguard Group, Inc.	BUY	5.32	Ordinary	19,127	19,127
3-May-17	The Vanguard Group, Inc.	BUY	5.31	Ordinary	10,131	10,131
4-May-17	The Vanguard Group, Inc.	BUY	5.34	Ordinary	14,736	14,736
4-May-17	The Vanguard Group, Inc.	BUY	5.30	Ordinary	19,479	19,479
5-May-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	9,210	9,210
5-May-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	4,308	4,308
5-May-17	The Vanguard Group, Inc.	BUY	5.30	Ordinary	45,129	45,129
8-May-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	15,984	15,984
8-May-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	2,859	2,859
8-May-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	3,662	3,662
8-May-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	8,763	8,763
9-May-17	The Vanguard Group, Inc.	BUY	5.26	Ordinary	1,025	1,025
10-May-17	The Vanguard Group, Inc.	BUY	5.36	Ordinary	12,432	12,432
10-May-17	The Vanguard Group, Inc.	BUY	5.36	Ordinary	38,772	38,772
10-May-17	The Vanguard Group, Inc.	BUY	5.36	Ordinary	49,475	49,475
15-May-17	The Vanguard Group, Inc.	BUY	5.21	Ordinary	59,370	59,370
16-May-17	The Vanguard Group, Inc.	BUY	5.25	Ordinary	4,308	4,308
16-May-17	The Vanguard Group, Inc.	BUY	5.25	Ordinary	12,924	12,924
16-May-17	The Vanguard Group, Inc.	BUY	5.25	Ordinary	21,540	21,540
16-May-17	The Vanguard Group, Inc.	BUY	5.25	Ordinary	12,327	12,327
17-May-17	The Vanguard Group, Inc.	BUY	5.25	Ordinary	132,575	132,575
17-May-17	The Vanguard Group, Inc.	BUY	5.25	Ordinary	103,336	103,336
17-May-17	The Vanguard Group, Inc.	BUY	5.13	Ordinary	25,848	25,848
17-May-17	The Vanguard Group, Inc.	BUY	5.25	Ordinary	49,176	49,176
17-May-17	The Vanguard Group, Inc.	BUY	5.25	Ordinary	1,392	1,392

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-May-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	7,682	7,682
18-May-17	The Vanguard Group, Inc.	BUY	5.17	Ordinary	12,924	12,924
18-May-17	The Vanguard Group, Inc.	BUY	5.17	Ordinary	39,580	39,580
19-May-17	The Vanguard Group, Inc.	BUY	5.14	Ordinary	9,210	9,210
19-May-17	The Vanguard Group, Inc.	BUY	5.14	Ordinary	7,056	7,056
19-May-17	The Vanguard Group, Inc.	SELL	5.13	Ordinary	(37,718)	(37,718)
23-May-17	The Vanguard Group, Inc.	BUY	5.17	Ordinary	685	685
23-May-17	The Vanguard Group, Inc.	BUY	5.17	Ordinary	14,462	14,462
24-May-17	The Vanguard Group, Inc.	BUY	5.22	Ordinary	7,104	7,104
24-May-17	The Vanguard Group, Inc.	BUY	5.19	Ordinary	3,662	3,662
25-May-17	The Vanguard Group, Inc.	BUY	5.24	Ordinary	9,210	9,210
25-May-17	The Vanguard Group, Inc.	BUY	5.24	Ordinary	9,210	9,210
26-May-17	The Vanguard Group, Inc.	BUY	5.24	Ordinary	21,540	21,540
26-May-17	The Vanguard Group, Inc.	BUY	5.24	Ordinary	1,514	1,514
31-May-17	The Vanguard Group, Inc.	BUY	5.23	Ordinary	2,154	2,154
31-May-17	The Vanguard Group, Inc.	BUY	5.24	Ordinary	25,614	25,614
31-May-17	The Vanguard Group, Inc.	BUY	5.24	Ordinary	5,035	5,035
1-Jun-17	The Vanguard Group, Inc.	BUY	5.34	Ordinary	30,156	30,156
1-Jun-17	The Vanguard Group, Inc.	BUY	5.34	Ordinary	47,628	47,628
2-Jun-17	The Vanguard Group, Inc.	BUY	5.33	Ordinary	7,104	7,104
2-Jun-17	The Vanguard Group, Inc.	BUY	5.33	Ordinary	14,208	14,208
2-Jun-17	The Vanguard Group, Inc.	BUY	5.33	Ordinary	5,328	5,328
2-Jun-17	The Vanguard Group, Inc.	SELL	5.32	Ordinary	(127,393)	(127,393)
5-Jun-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	7,104	7,104
5-Jun-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	19,790	19,790
5-Jun-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	10,911	10,911
6-Jun-17	The Vanguard Group, Inc.	BUY	5.29	Ordinary	39,580	39,580
7-Jun-17	The Vanguard Group, Inc.	BUY	5.16	Ordinary	13,815	13,815
7-Jun-17	The Vanguard Group, Inc.	BUY	5.14	Ordinary	3,662	3,662
8-Jun-17	The Vanguard Group, Inc.	SELL	5.12	Ordinary	(6,430)	(6,430)
9-Jun-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	8,880	8,880
9-Jun-17	The Vanguard Group, Inc.	BUY	5.13	Ordinary	62,319	62,319
9-Jun-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	9,210	9,210
9-Jun-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	47,388	47,388
9-Jun-17	The Vanguard Group, Inc.	SELL	5.08	Ordinary	(10,878)	(10,878)
12-Jun-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	12,432	12,432
12-Jun-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	5,328	5,328
12-Jun-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	59,370	59,370
12-Jun-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	10,584	10,584
13-Jun-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	298,290	298,290
13-Jun-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	1,582	1,582
14-Jun-17	The Vanguard Group, Inc.	BUY	5.22	Ordinary	31,752	31,752
15-Jun-17	The Vanguard Group, Inc.	BUY	5.23	Ordinary	27,426	27,426
16-Jun-17	The Vanguard Group, Inc.	BUY	5.26	Ordinary	35,540	35,540
16-Jun-17	The Vanguard Group, Inc.	BUY	5.26	Ordinary	8,289	8,289
16-Jun-17	The Vanguard Group, Inc.	BUY	5.26	Ordinary	8,616	8,616
16-Jun-17	The Vanguard Group, Inc.	BUY	5.26	Ordinary	27,378	27,378
16-Jun-17	The Vanguard Group, Inc.	BUY	5.26	Ordinary	17,036	17,036
16-Jun-17	The Vanguard Group, Inc.	BUY	5.26	Ordinary	2,069	2,069
19-Jun-17	The Vanguard Group, Inc.	BUY	5.32	Ordinary	7,104	7,104
19-Jun-17	The Vanguard Group, Inc.	BUY	5.32	Ordinary	30,156	30,156
20-Jun-17	The Vanguard Group, Inc.	BUY	5.18	Ordinary	6,447	6,447
20-Jun-17	The Vanguard Group, Inc.	BUY	5.22	Ordinary	3,662	3,662
21-Jun-17	The Vanguard Group, Inc.	BUY	5.15	Ordinary	30,120	30,120
22-Jun-17	The Vanguard Group, Inc.	BUY	5.14	Ordinary	10,770	10,770
23-Jun-17	The Vanguard Group, Inc.	BUY	5.11	Ordinary	128,870	128,870
23-Jun-17	The Vanguard Group, Inc.	BUY	5.12	Ordinary	1,798	1,798
23-Jun-17	The Vanguard Group, Inc.	BUY	5.12	Ordinary	24,832	24,832
27-Jun-17	The Vanguard Group, Inc.	BUY	5.04	Ordinary	8,616	8,616
28-Jun-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	38,772	38,772
28-Jun-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	12,924	12,924
28-Jun-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	38,772	38,772
29-Jun-17	The Vanguard Group, Inc.	BUY	4.99	Ordinary	1,041	1,041
29-Jun-17	The Vanguard Group, Inc.	BUY	4.96	Ordinary	108,845	108,845
30-Jun-17	The Vanguard Group, Inc.	SELL	4.79	Ordinary	(46,932)	(46,932)
3-Jul-17	The Vanguard Group, Inc.	BUY	4.74	Ordinary	12,894	12,894
3-Jul-17	The Vanguard Group, Inc.	BUY	4.74	Ordinary	12,924	12,924
4-Jul-17	The Vanguard Group, Inc.	BUY	4.83	Ordinary	10,986	10,986
10-Jul-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	3,662	3,662
11-Jul-17	The Vanguard Group, Inc.	BUY	4.75	Ordinary	3,436	3,436
11-Jul-17	The Vanguard Group, Inc.	BUY	4.75	Ordinary	12,924	12,924

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
11-Jul-17	The Vanguard Group, Inc.	BUY	4.75	Ordinary	2,134	2,134
12-Jul-17	The Vanguard Group, Inc.	BUY	4.69	Ordinary	12,026	12,026
12-Jul-17	The Vanguard Group, Inc.	BUY	4.74	Ordinary	184,855	184,855
12-Jul-17	The Vanguard Group, Inc.	BUY	4.69	Ordinary	9,210	9,210
12-Jul-17	The Vanguard Group, Inc.	BUY	4.69	Ordinary	40,132	40,132
13-Jul-17	The Vanguard Group, Inc.	BUY	4.75	Ordinary	18,420	18,420
13-Jul-17	The Vanguard Group, Inc.	BUY	4.75	Ordinary	3,662	3,662
14-Jul-17	The Vanguard Group, Inc.	BUY	4.82	Ordinary	43,080	43,080
14-Jul-17	The Vanguard Group, Inc.	BUY	4.82	Ordinary	12,924	12,924
17-Jul-17	The Vanguard Group, Inc.	BUY	4.82	Ordinary	6,872	6,872
24-Jul-17	The Vanguard Group, Inc.	SELL	4.77	Ordinary	(42,366)	(42,366)
25-Jul-17	The Vanguard Group, Inc.	BUY	4.83	Ordinary	19,386	19,386
26-Jul-17	The Vanguard Group, Inc.	BUY	4.80	Ordinary	4,605	4,605
26-Jul-17	The Vanguard Group, Inc.	BUY	4.80	Ordinary	60,198	60,198
26-Jul-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	2,793	2,793
26-Jul-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	53,531	53,531
27-Jul-17	The Vanguard Group, Inc.	BUY	4.84	Ordinary	25,848	25,848
28-Jul-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	12,924	12,924
31-Jul-17	The Vanguard Group, Inc.	SELL	4.79	Ordinary	(10,443)	(10,443)
1-Aug-17	The Vanguard Group, Inc.	BUY	4.83	Ordinary	51,696	51,696
1-Aug-17	The Vanguard Group, Inc.	BUY	4.83	Ordinary	12,924	12,924
2-Aug-17	The Vanguard Group, Inc.	BUY	4.76	Ordinary	15,462	15,462
2-Aug-17	The Vanguard Group, Inc.	BUY	4.76	Ordinary	20,066	20,066
2-Aug-17	The Vanguard Group, Inc.	BUY	4.78	Ordinary	3,662	3,662
2-Aug-17	The Vanguard Group, Inc.	BUY	4.76	Ordinary	95,113	95,113
3-Aug-17	The Vanguard Group, Inc.	BUY	4.80	Ordinary	60,198	60,198
4-Aug-17	The Vanguard Group, Inc.	BUY	4.82	Ordinary	30,099	30,099
7-Aug-17	The Vanguard Group, Inc.	BUY	4.81	Ordinary	57,960	57,960
8-Aug-17	The Vanguard Group, Inc.	BUY	4.77	Ordinary	17,232	17,232
9-Aug-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	18,420	18,420
9-Aug-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	12,924	12,924
9-Aug-17	The Vanguard Group, Inc.	BUY	4.78	Ordinary	2,657	2,657
9-Aug-17	The Vanguard Group, Inc.	BUY	4.78	Ordinary	833	833
11-Aug-17	The Vanguard Group, Inc.	BUY	4.77	Ordinary	137,184	137,184
14-Aug-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	5,154	5,154
14-Aug-17	The Vanguard Group, Inc.	BUY	4.79	Ordinary	50,165	50,165
14-Aug-17	The Vanguard Group, Inc.	BUY	4.78	Ordinary	570	570
14-Aug-17	The Vanguard Group, Inc.	BUY	4.78	Ordinary	45,807	45,807
16-Aug-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	10,308	10,308
16-Aug-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	9,210	9,210
16-Aug-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	3,662	3,662
17-Aug-17	The Vanguard Group, Inc.	BUY	4.97	Ordinary	34,464	34,464
18-Aug-17	The Vanguard Group, Inc.	BUY	4.98	Ordinary	12,924	12,924
18-Aug-17	The Vanguard Group, Inc.	BUY	4.98	Ordinary	12,924	12,924
18-Aug-17	The Vanguard Group, Inc.	BUY	4.96	Ordinary	4,519	4,519
21-Aug-17	The Vanguard Group, Inc.	BUY	4.93	Ordinary	60,198	60,198
23-Aug-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	28,002	28,002
25-Aug-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	6,872	6,872
29-Aug-17	The Vanguard Group, Inc.	BUY	4.88	Ordinary	60,198	60,198
30-Aug-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	17,232	17,232
31-Aug-17	The Vanguard Group, Inc.	BUY	5.01	Ordinary	20,066	20,066
1-Sep-17	The Vanguard Group, Inc.	BUY	4.99	Ordinary	5,154	5,154
5-Sep-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	25,848	25,848
5-Sep-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	30,099	30,099
6-Sep-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	17,180	17,180
6-Sep-17	The Vanguard Group, Inc.	BUY	5.00	Ordinary	3,436	3,436
7-Sep-17	The Vanguard Group, Inc.	BUY	4.99	Ordinary	1,243	1,243
7-Sep-17	The Vanguard Group, Inc.	BUY	4.99	Ordinary	2,485	2,485
7-Sep-17	The Vanguard Group, Inc.	BUY	4.99	Ordinary	3,662	3,662
11-Sep-17	The Vanguard Group, Inc.	SELL	5.03	Ordinary	(7,272)	(7,272)
14-Sep-17	The Vanguard Group, Inc.	BUY	5.05	Ordinary	10,033	10,033
15-Sep-17	The Vanguard Group, Inc.	BUY	5.05	Ordinary	43,458	43,458
15-Sep-17	The Vanguard Group, Inc.	SELL	5.05	Ordinary	(28,435)	(28,435)
15-Sep-17	The Vanguard Group, Inc.	BUY	5.05	Ordinary	6,543	6,543
15-Sep-17	The Vanguard Group, Inc.	SELL	5.05	Ordinary	(693)	(693)
15-Sep-17	The Vanguard Group, Inc.	SELL	5.05	Ordinary	(2,754)	(2,754)
22-Sep-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	2,155	2,155
22-Sep-17	The Vanguard Group, Inc.	BUY	4.89	Ordinary	17,799	17,799
25-Sep-17	The Vanguard Group, Inc.	BUY	4.86	Ordinary	12,924	12,924
25-Sep-17	The Vanguard Group, Inc.	BUY	4.86	Ordinary	23,694	23,694
25-Sep-17	The Vanguard Group, Inc.	BUY	4.86	Ordinary	79,368	79,368

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-Sep-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	143,690	143,690
26-Sep-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	15,078	15,078
27-Sep-17	The Vanguard Group, Inc.	SELL	4.91	Ordinary	(8,436)	(8,436)
27-Sep-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	8,436	8,436
27-Sep-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	6,568	6,568
27-Sep-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	19,842	19,842
27-Sep-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	5,981	5,981
27-Sep-17	The Vanguard Group, Inc.	SELL	4.91	Ordinary	(5,981)	(5,981)
2-Oct-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	30,156	30,156
2-Oct-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	15,078	15,078
2-Oct-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	29,763	29,763
2-Oct-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	19,320	19,320
2-Oct-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	19,320	19,320
3-Oct-17	The Vanguard Group, Inc.	BUY	4.98	Ordinary	227,288	227,288
4-Oct-17	The Vanguard Group, Inc.	BUY	4.86	Ordinary	28,002	28,002
4-Oct-17	The Vanguard Group, Inc.	BUY	4.86	Ordinary	17,232	17,232
6-Oct-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	8,590	8,590
6-Oct-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	12,924	12,924
6-Oct-17	The Vanguard Group, Inc.	BUY	4.91	Ordinary	2,647	2,647
9-Oct-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	12,924	12,924
9-Oct-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	9,660	9,660
10-Oct-17	The Vanguard Group, Inc.	BUY	4.96	Ordinary	8,210	8,210
10-Oct-17	The Vanguard Group, Inc.	SELL	4.97	Ordinary	(1,048)	(1,048)
10-Oct-17	The Vanguard Group, Inc.	SELL	4.96	Ordinary	(20,668)	(20,668)
12-Oct-17	The Vanguard Group, Inc.	BUY	4.98	Ordinary	79,368	79,368
13-Oct-17	The Vanguard Group, Inc.	SELL	4.96	Ordinary	(41,908)	(41,908)
17-Oct-17	The Vanguard Group, Inc.	BUY	4.97	Ordinary	7,728	7,728
18-Oct-17	The Vanguard Group, Inc.	BUY	5.03	Ordinary	6,568	6,568
19-Oct-17	The Vanguard Group, Inc.	BUY	5.02	Ordinary	30,156	30,156
20-Oct-17	The Vanguard Group, Inc.	BUY	4.95	Ordinary	79,368	79,368
23-Oct-17	The Vanguard Group, Inc.	BUY	4.94	Ordinary	26,143	26,143
23-Oct-17	The Vanguard Group, Inc.	SELL	4.95	Ordinary	(644)	(644)
25-Oct-17	The Vanguard Group, Inc.	BUY	4.99	Ordinary	3,662	3,662
26-Oct-17	The Vanguard Group, Inc.	BUY	5.02	Ordinary	17,232	17,232
27-Oct-17	The Vanguard Group, Inc.	BUY	5.01	Ordinary	2,989	2,989
30-Oct-17	The Vanguard Group, Inc.	BUY	5.03	Ordinary	3,284	3,284
30-Oct-17	The Vanguard Group, Inc.	BUY	5.03	Ordinary	13,353	13,353
31-Oct-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	204,389	204,389
31-Oct-17	The Vanguard Group, Inc.	BUY	5.10	Ordinary	8,210	8,210
31-Oct-17	The Vanguard Group, Inc.	BUY	5.10	Ordinary	19,842	19,842
31-Oct-17	The Vanguard Group, Inc.	BUY	5.10	Ordinary	59,526	59,526
1-Nov-17	The Vanguard Group, Inc.	BUY	5.10	Ordinary	8,210	8,210
1-Nov-17	The Vanguard Group, Inc.	BUY	5.11	Ordinary	1,397	1,397
1-Nov-17	The Vanguard Group, Inc.	SELL	5.11	Ordinary	(8,463)	(8,463)
2-Nov-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	10,770	10,770
2-Nov-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	39,684	39,684
2-Nov-17	The Vanguard Group, Inc.	BUY	5.08	Ordinary	8,044	8,044
3-Nov-17	The Vanguard Group, Inc.	BUY	5.14	Ordinary	17,232	17,232
3-Nov-17	The Vanguard Group, Inc.	BUY	5.14	Ordinary	59,526	59,526
3-Nov-17	The Vanguard Group, Inc.	BUY	5.12	Ordinary	12,481	12,481
6-Nov-17	The Vanguard Group, Inc.	BUY	5.13	Ordinary	12,924	12,924
7-Nov-17	The Vanguard Group, Inc.	BUY	5.19	Ordinary	21,037	21,037
8-Nov-17	The Vanguard Group, Inc.	BUY	5.23	Ordinary	14,077	14,077
9-Nov-17	The Vanguard Group, Inc.	BUY	5.27	Ordinary	8,590	8,590
10-Nov-17	The Vanguard Group, Inc.	BUY	5.35	Ordinary	18,898	18,898
10-Nov-17	The Vanguard Group, Inc.	BUY	5.35	Ordinary	30,165	30,165
13-Nov-17	The Vanguard Group, Inc.	BUY	5.35	Ordinary	79,368	79,368
14-Nov-17	The Vanguard Group, Inc.	BUY	5.26	Ordinary	12,066	12,066
15-Nov-17	The Vanguard Group, Inc.	BUY	5.23	Ordinary	5,154	5,154
15-Nov-17	The Vanguard Group, Inc.	BUY	5.23	Ordinary	39,684	39,684
16-Nov-17	The Vanguard Group, Inc.	BUY	5.28	Ordinary	10,308	10,308
16-Nov-17	The Vanguard Group, Inc.	BUY	5.28	Ordinary	9,852	9,852
17-Nov-17	The Vanguard Group, Inc.	BUY	5.23	Ordinary	17,241	17,241
17-Nov-17	The Vanguard Group, Inc.	BUY	5.23	Ordinary	100,460	100,460
20-Nov-17	The Vanguard Group, Inc.	BUY	5.28	Ordinary	10,055	10,055
21-Nov-17	The Vanguard Group, Inc.	BUY	5.25	Ordinary	7,648	7,648
24-Nov-17	The Vanguard Group, Inc.	BUY	5.20	Ordinary	80,368	80,368
24-Nov-17	The Vanguard Group, Inc.	BUY	5.20	Ordinary	1,354	1,354
30-Nov-17	The Vanguard Group, Inc.	BUY	5.41	Ordinary	1,199	1,199
30-Nov-17	The Vanguard Group, Inc.	SELL	5.41	Ordinary	(21,907)	(21,907)
5-Dec-17	The Vanguard Group, Inc.	SELL	5.40	Ordinary	(5,792)	(5,792)

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-Dec-17	The Vanguard Group, Inc.	BUY	5.40	Ordinary	24,325	24,325
6-Dec-17	The Vanguard Group, Inc.	BUY	5.38	Ordinary	10,770	10,770
7-Dec-17	The Vanguard Group, Inc.	BUY	5.42	Ordinary	156,985	156,985
8-Dec-17	The Vanguard Group, Inc.	BUY	5.38	Ordinary	89,262	89,262
8-Dec-17	The Vanguard Group, Inc.	BUY	5.38	Ordinary	29,754	29,754
8-Dec-17	The Vanguard Group, Inc.	SELL	5.37	Ordinary	(2,925)	(2,925)
11-Dec-17	The Vanguard Group, Inc.	BUY	5.39	Ordinary	13,957	13,957
13-Dec-17	The Vanguard Group, Inc.	BUY	5.47	Ordinary	8,210	8,210
14-Dec-17	The Vanguard Group, Inc.	BUY	5.40	Ordinary	25,848	25,848
15-Dec-17	The Vanguard Group, Inc.	BUY	5.36	Ordinary	8,616	8,616
15-Dec-17	The Vanguard Group, Inc.	SELL	5.34	Ordinary	(93,275)	(93,275)
15-Dec-17	The Vanguard Group, Inc.	SELL	5.34	Ordinary	(61,862)	(61,862)
15-Dec-17	The Vanguard Group, Inc.	BUY	5.34	Ordinary	32,612	32,612
18-Dec-17	The Vanguard Group, Inc.	BUY	5.44	Ordinary	10,860	10,860
18-Dec-17	The Vanguard Group, Inc.	BUY	5.43	Ordinary	1,466	1,466
18-Dec-17	The Vanguard Group, Inc.	BUY	5.43	Ordinary	3,243	3,243
18-Dec-17	The Vanguard Group, Inc.	SELL	5.43	Ordinary	(28,191)	(28,191)
20-Dec-17	The Vanguard Group, Inc.	SELL	5.31	Ordinary	(19,332)	(19,332)
20-Dec-17	The Vanguard Group, Inc.	SELL	5.32	Ordinary	(1,925)	(1,925)
21-Dec-17	The Vanguard Group, Inc.	SELL	5.26	Ordinary	(7,244)	(7,244)
21-Dec-17	The Vanguard Group, Inc.	BUY	5.26	Ordinary	12,190	12,190
21-Dec-17	The Vanguard Group, Inc.	BUY	5.26	Ordinary	37,120	37,120
21-Dec-17	The Vanguard Group, Inc.	SELL	5.26	Ordinary	(1,948)	(1,948)
22-Dec-17	The Vanguard Group, Inc.	BUY	5.24	Ordinary	9,280	9,280
26-Dec-17	The Vanguard Group, Inc.	BUY	5.24	Ordinary	34,132	34,132
27-Dec-17	The Vanguard Group, Inc.	BUY	5.22	Ordinary	1,856	1,856
28-Dec-17	The Vanguard Group, Inc.	BUY	5.17	Ordinary	21,720	21,720
28-Dec-17	The Vanguard Group, Inc.	BUY	5.16	Ordinary	3,379	3,379
29-Dec-17	The Vanguard Group, Inc.	SELL	5.10	Ordinary	(10,866)	(10,866)
29-Dec-17	The Vanguard Group, Inc.	BUY	5.11	Ordinary	23,696	23,696
2-Jan-18	The Vanguard Group, Inc.	BUY	5.11	Ordinary	2,257	2,257
3-Jan-18	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(4,789)	(4,789)
4-Jan-18	The Vanguard Group, Inc.	BUY	5.23	Ordinary	9,752	9,752
4-Jan-18	The Vanguard Group, Inc.	BUY	5.23	Ordinary	18,560	18,560
4-Jan-18	The Vanguard Group, Inc.	BUY	5.23	Ordinary	31,059	31,059
5-Jan-18	The Vanguard Group, Inc.	BUY	5.21	Ordinary	112,633	112,633
5-Jan-18	The Vanguard Group, Inc.	BUY	5.22	Ordinary	12,190	12,190
8-Jan-18	The Vanguard Group, Inc.	BUY	5.22	Ordinary	67,788	67,788
8-Jan-18	The Vanguard Group, Inc.	BUY	5.22	Ordinary	2,166	2,166
9-Jan-18	The Vanguard Group, Inc.	BUY	5.23	Ordinary	29,256	29,256
11-Jan-18	The Vanguard Group, Inc.	BUY	5.05	Ordinary	19,504	19,504
12-Jan-18	The Vanguard Group, Inc.	BUY	5.02	Ordinary	19,548	19,548
12-Jan-18	The Vanguard Group, Inc.	BUY	5.02	Ordinary	94,167	94,167
16-Jan-18	The Vanguard Group, Inc.	BUY	4.97	Ordinary	14,628	14,628
16-Jan-18	The Vanguard Group, Inc.	BUY	4.99	Ordinary	2,451	2,451
16-Jan-18	The Vanguard Group, Inc.	BUY	4.99	Ordinary	1,051	1,051
18-Jan-18	The Vanguard Group, Inc.	BUY	5.04	Ordinary	19,504	19,504
18-Jan-18	The Vanguard Group, Inc.	BUY	5.04	Ordinary	87,156	87,156
19-Jan-18	The Vanguard Group, Inc.	BUY	5.04	Ordinary	25,124	25,124
19-Jan-18	The Vanguard Group, Inc.	BUY	5.08	Ordinary	38,736	38,736
19-Jan-18	The Vanguard Group, Inc.	BUY	5.06	Ordinary	5,202	5,202
23-Jan-18	The Vanguard Group, Inc.	BUY	5.04	Ordinary	58,104	58,104
24-Jan-18	The Vanguard Group, Inc.	BUY	5.01	Ordinary	10,860	10,860
24-Jan-18	The Vanguard Group, Inc.	BUY	5.01	Ordinary	19,368	19,368
24-Jan-18	The Vanguard Group, Inc.	SELL	5.05	Ordinary	(9,368)	(9,368)
26-Jan-18	The Vanguard Group, Inc.	BUY	5.06	Ordinary	14,628	14,628
26-Jan-18	The Vanguard Group, Inc.	BUY	5.06	Ordinary	77,472	77,472
29-Jan-18	The Vanguard Group, Inc.	BUY	4.97	Ordinary	10,860	10,860
29-Jan-18	The Vanguard Group, Inc.	BUY	4.99	Ordinary	1,265	1,265
29-Jan-18	The Vanguard Group, Inc.	BUY	5.06	Ordinary	6,490	6,490
29-Jan-18	The Vanguard Group, Inc.	BUY	4.99	Ordinary	26,370	26,370
29-Jan-18	The Vanguard Group, Inc.	BUY	5.06	Ordinary	6,261	6,261
30-Jan-18	The Vanguard Group, Inc.	BUY	4.94	Ordinary	17,066	17,066
30-Jan-18	The Vanguard Group, Inc.	BUY	4.96	Ordinary	983	983
31-Jan-18	The Vanguard Group, Inc.	BUY	4.98	Ordinary	124,726	124,726
31-Jan-18	The Vanguard Group, Inc.	BUY	5.03	Ordinary	7,424	7,424
1-Feb-18	The Vanguard Group, Inc.	BUY	5.04	Ordinary	9,774	9,774
1-Feb-18	The Vanguard Group, Inc.	BUY	5.04	Ordinary	21,942	21,942
2-Feb-18	The Vanguard Group, Inc.	BUY	4.96	Ordinary	77,472	77,472
5-Feb-18	The Vanguard Group, Inc.	SELL	4.81	Ordinary	(9,055)	(9,055)
5-Feb-18	The Vanguard Group, Inc.	SELL	4.81	Ordinary	(7,244)	(7,244)

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
5-Feb-18	The Vanguard Group, Inc.	BUY	4.81	Ordinary	16,290	16,290
5-Feb-18	The Vanguard Group, Inc.	BUY	4.81	Ordinary	38,736	38,736
8-Feb-18	The Vanguard Group, Inc.	SELL	4.76	Ordinary	(3,622)	(3,622)
8-Feb-18	The Vanguard Group, Inc.	BUY	4.84	Ordinary	42,274	42,274
8-Feb-18	The Vanguard Group, Inc.	SELL	4.76	Ordinary	(14,848)	(14,848)
8-Feb-18	The Vanguard Group, Inc.	SELL	4.87	Ordinary	(7,183)	(7,183)
9-Feb-18	The Vanguard Group, Inc.	BUY	4.79	Ordinary	136,832	136,832
9-Feb-18	The Vanguard Group, Inc.	BUY	4.83	Ordinary	12,280	12,280
13-Feb-18	The Vanguard Group, Inc.	BUY	4.85	Ordinary	13,746	13,746
13-Feb-18	The Vanguard Group, Inc.	BUY	4.85	Ordinary	22,910	22,910
13-Feb-18	The Vanguard Group, Inc.	SELL	4.85	Ordinary	(1,484)	(1,484)
13-Feb-18	The Vanguard Group, Inc.	BUY	4.83	Ordinary	7,461	7,461
14-Feb-18	The Vanguard Group, Inc.	BUY	4.78	Ordinary	5,430	5,430
14-Feb-18	The Vanguard Group, Inc.	BUY	4.74	Ordinary	1,458	1,458
14-Feb-18	The Vanguard Group, Inc.	BUY	4.74	Ordinary	28,051	28,051
15-Feb-18	The Vanguard Group, Inc.	BUY	4.70	Ordinary	238,794	238,794
16-Feb-18	The Vanguard Group, Inc.	BUY	4.73	Ordinary	5,430	5,430
16-Feb-18	The Vanguard Group, Inc.	BUY	4.73	Ordinary	20,619	20,619
16-Feb-18	The Vanguard Group, Inc.	BUY	4.73	Ordinary	27,492	27,492
20-Feb-18	The Vanguard Group, Inc.	SELL	4.74	Ordinary	(18,110)	(18,110)
20-Feb-18	The Vanguard Group, Inc.	BUY	4.74	Ordinary	29,052	29,052
20-Feb-18	The Vanguard Group, Inc.	SELL	4.76	Ordinary	(5,501)	(5,501)
21-Feb-18	The Vanguard Group, Inc.	SELL	4.77	Ordinary	(9,055)	(9,055)
21-Feb-18	The Vanguard Group, Inc.	SELL	4.77	Ordinary	(7,244)	(7,244)
21-Feb-18	The Vanguard Group, Inc.	BUY	4.79	Ordinary	2,262	2,262
22-Feb-18	The Vanguard Group, Inc.	SELL	4.69	Ordinary	(53,286)	(53,286)
23-Feb-18	The Vanguard Group, Inc.	BUY	4.75	Ordinary	3,662	3,662
26-Feb-18	The Vanguard Group, Inc.	BUY	4.86	Ordinary	11,455	11,455
26-Feb-18	The Vanguard Group, Inc.	BUY	4.83	Ordinary	3,662	3,662
27-Feb-18	The Vanguard Group, Inc.	SELL	4.79	Ordinary	(18,110)	(18,110)
1-Mar-18	The Vanguard Group, Inc.	SELL	4.73	Ordinary	(19,921)	(19,921)
5-Mar-18	The Vanguard Group, Inc.	SELL	4.77	Ordinary	(87,156)	(87,156)
6-Mar-18	The Vanguard Group, Inc.	BUY	4.73	Ordinary	10,860	10,860
6-Mar-18	The Vanguard Group, Inc.	BUY	4.72	Ordinary	21,865	21,865
8-Mar-18	The Vanguard Group, Inc.	BUY	4.70	Ordinary	9,698	9,698
9-Mar-18	The Vanguard Group, Inc.	BUY	4.77	Ordinary	1,752	1,752
12-Mar-18	The Vanguard Group, Inc.	SELL	4.74	Ordinary	(9,055)	(9,055)
13-Mar-18	The Vanguard Group, Inc.	SELL	4.72	Ordinary	(5,427)	(5,427)
14-Mar-18	The Vanguard Group, Inc.	BUY	4.66	Ordinary	1,760	1,760
15-Mar-18	The Vanguard Group, Inc.	BUY	4.65	Ordinary	38,736	38,736
15-Mar-18	The Vanguard Group, Inc.	BUY	4.65	Ordinary	824	824
16-Mar-18	The Vanguard Group, Inc.	SELL	4.71	Ordinary	(12,677)	(12,677)
16-Mar-18	The Vanguard Group, Inc.	SELL	4.70	Ordinary	(84,722)	(84,722)
16-Mar-18	The Vanguard Group, Inc.	BUY	4.70	Ordinary	48,026	48,026
16-Mar-18	The Vanguard Group, Inc.	SELL	4.70	Ordinary	(17,056)	(17,056)
16-Mar-18	The Vanguard Group, Inc.	SELL	4.71	Ordinary	(703)	(703)
16-Mar-18	The Vanguard Group, Inc.	BUY	4.71	Ordinary	1,927	1,927
16-Mar-18	The Vanguard Group, Inc.	BUY	4.71	Ordinary	196	196
19-Mar-18	The Vanguard Group, Inc.	BUY	4.78	Ordinary	11,862	11,862
20-Mar-18	The Vanguard Group, Inc.	BUY	4.77	Ordinary	13,056	13,056
21-Mar-18	The Vanguard Group, Inc.	BUY	4.75	Ordinary	6,795	6,795
22-Mar-18	The Vanguard Group, Inc.	SELL	4.76	Ordinary	(985)	(985)
23-Mar-18	The Vanguard Group, Inc.	BUY	4.65	Ordinary	10,880	10,880
23-Mar-18	The Vanguard Group, Inc.	BUY	4.65	Ordinary	21,760	21,760
23-Mar-18	The Vanguard Group, Inc.	BUY	4.65	Ordinary	29,103	29,103
26-Mar-18	The Vanguard Group, Inc.	BUY	4.68	Ordinary	13,590	13,590
26-Mar-18	The Vanguard Group, Inc.	BUY	4.68	Ordinary	6,528	6,528
28-Mar-18	The Vanguard Group, Inc.	BUY	4.70	Ordinary	8,704	8,704
29-Mar-18	The Vanguard Group, Inc.	BUY	4.74	Ordinary	13,387	13,387
4-Apr-18	The Vanguard Group, Inc.	BUY	4.72	Ordinary	2,993	2,993
4-Apr-18	The Vanguard Group, Inc.	BUY	4.72	Ordinary	9,687	9,687
5-Apr-18	The Vanguard Group, Inc.	SELL	4.76	Ordinary	(5,283)	(5,283)
5-Apr-18	The Vanguard Group, Inc.	BUY	4.75	Ordinary	5,811	5,811
9-Apr-18	The Vanguard Group, Inc.	BUY	4.74	Ordinary	7,908	7,908
9-Apr-18	The Vanguard Group, Inc.	BUY	4.75	Ordinary	16,999	16,999
10-Apr-18	The Vanguard Group, Inc.	BUY	4.79	Ordinary	12,231	12,231
10-Apr-18	The Vanguard Group, Inc.	BUY	4.79	Ordinary	67,907	67,907
10-Apr-18	The Vanguard Group, Inc.	BUY	4.79	Ordinary	2,432	2,432
11-Apr-18	The Vanguard Group, Inc.	BUY	4.73	Ordinary	16,308	16,308
11-Apr-18	The Vanguard Group, Inc.	BUY	4.77	Ordinary	450	450
12-Apr-18	The Vanguard Group, Inc.	BUY	4.69	Ordinary	29,103	29,103

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-18	The Vanguard Group, Inc.	BUY	4.68	Ordinary	67,907	67,907
17-Apr-18	The Vanguard Group, Inc.	BUY	4.66	Ordinary	109,000	109,000
18-Apr-18	The Vanguard Group, Inc.	BUY	4.64	Ordinary	13,590	13,590
19-Apr-18	The Vanguard Group, Inc.	BUY	4.65	Ordinary	24,053	24,053
26-Apr-18	The Vanguard Group, Inc.	BUY	4.71	Ordinary	13,590	13,590
26-Apr-18	The Vanguard Group, Inc.	BUY	4.71	Ordinary	34,816	34,816
26-Apr-18	The Vanguard Group, Inc.	BUY	4.66	Ordinary	43,215	43,215
26-Apr-18	The Vanguard Group, Inc.	BUY	4.66	Ordinary	26,426	26,426
27-Apr-18	The Vanguard Group, Inc.	BUY	4.71	Ordinary	14,949	14,949
27-Apr-18	The Vanguard Group, Inc.	SELL	4.68	Ordinary	(1,261)	(1,261)
1-May-18	The Vanguard Group, Inc.	SELL	4.88	Ordinary	(5,283)	(5,283)
2-May-18	The Vanguard Group, Inc.	BUY	4.88	Ordinary	38,804	38,804
2-May-18	The Vanguard Group, Inc.	BUY	4.88	Ordinary	67,907	67,907
7-May-18	The Vanguard Group, Inc.	BUY	4.89	Ordinary	13,056	13,056
9-May-18	The Vanguard Group, Inc.	BUY	4.95	Ordinary	299,313	299,313
9-May-18	The Vanguard Group, Inc.	BUY	4.97	Ordinary	32,640	32,640
14-May-18	The Vanguard Group, Inc.	BUY	4.92	Ordinary	4,470	4,470
15-May-18	The Vanguard Group, Inc.	BUY	4.87	Ordinary	26,112	26,112
16-May-18	The Vanguard Group, Inc.	BUY	4.81	Ordinary	29,237	29,237
18-May-18	The Vanguard Group, Inc.	BUY	4.80	Ordinary	46,825	46,825
22-May-18	The Vanguard Group, Inc.	BUY	4.83	Ordinary	25,821	25,821
22-May-18	The Vanguard Group, Inc.	BUY	4.83	Ordinary	15,232	15,232
23-May-18	The Vanguard Group, Inc.	BUY	4.94	Ordinary	16,539	16,539
24-May-18	The Vanguard Group, Inc.	SELL	5.06	Ordinary	(3,522)	(3,522)
25-May-18	The Vanguard Group, Inc.	BUY	5.03	Ordinary	6,528	6,528
29-May-18	The Vanguard Group, Inc.	BUY	5.06	Ordinary	2,456	2,456
30-May-18	The Vanguard Group, Inc.	BUY	5.04	Ordinary	131,554	131,554
30-May-18	The Vanguard Group, Inc.	BUY	5.03	Ordinary	122,032	122,032
31-May-18	The Vanguard Group, Inc.	BUY	5.02	Ordinary	2,077	2,077
31-May-18	The Vanguard Group, Inc.	SELL	5.02	Ordinary	(7,848)	(7,848)
1-Jun-18	The Vanguard Group, Inc.	BUY	5.04	Ordinary	10,880	10,880
1-Jun-18	The Vanguard Group, Inc.	SELL	5.02	Ordinary	(4,919)	(4,919)
4-Jun-18	The Vanguard Group, Inc.	BUY	5.11	Ordinary	46,400	46,400
5-Jun-18	The Vanguard Group, Inc.	BUY	4.98	Ordinary	29,520	29,520
5-Jun-18	The Vanguard Group, Inc.	BUY	5.10	Ordinary	2,392	2,392
6-Jun-18	The Vanguard Group, Inc.	BUY	4.99	Ordinary	212,445	212,445
6-Jun-18	The Vanguard Group, Inc.	BUY	4.99	Ordinary	71,631	71,631
7-Jun-18	The Vanguard Group, Inc.	SELL	5.02	Ordinary	(23,553)	(23,553)
15-Jun-18	The Vanguard Group, Inc.	SELL	5.04	Ordinary	(259,802)	(259,802)
15-Jun-18	The Vanguard Group, Inc.	SELL	5.04	Ordinary	(25,020)	(25,020)
18-Jun-18	The Vanguard Group, Inc.	BUY	5.07	Ordinary	29,370	29,370
18-Jun-18	The Vanguard Group, Inc.	BUY	5.07	Ordinary	146,850	146,850
19-Jun-18	The Vanguard Group, Inc.	BUY	5.05	Ordinary	133,270	133,270
20-Jun-18	The Vanguard Group, Inc.	BUY	5.12	Ordinary	133,378	133,378
27-Jun-18	The Vanguard Group, Inc.	BUY	5.13	Ordinary	145,729	145,729
27-Jun-18	The Vanguard Group, Inc.	SELL	5.13	Ordinary	(1,615)	(1,615)
3-Jul-18	The Vanguard Group, Inc.	BUY	5.12	Ordinary	262,015	262,015
3-Jul-18	The Vanguard Group, Inc.	BUY	5.10	Ordinary	6,355	6,355
4-Jul-18	The Vanguard Group, Inc.	BUY	5.11	Ordinary	12,820	12,820
6-Jul-18	The Vanguard Group, Inc.	BUY	5.15	Ordinary	15,252	15,252
6-Jul-18	The Vanguard Group, Inc.	BUY	5.14	Ordinary	10,447	10,447
9-Jul-18	The Vanguard Group, Inc.	BUY	5.14	Ordinary	29,370	29,370
11-Jul-18	The Vanguard Group, Inc.	SELL	5.10	Ordinary	(6,979)	(6,979)
11-Jul-18	The Vanguard Group, Inc.	BUY	5.10	Ordinary	3,155	3,155
12-Jul-18	The Vanguard Group, Inc.	SELL	5.21	Ordinary	(8,848)	(8,848)
12-Jul-18	The Vanguard Group, Inc.	SELL	5.11	Ordinary	(1,051)	(1,051)
12-Jul-18	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(28,898)	(28,898)
13-Jul-18	The Vanguard Group, Inc.	BUY	5.20	Ordinary	342	342
16-Jul-18	The Vanguard Group, Inc.	BUY	5.16	Ordinary	19,940	19,940
16-Jul-18	The Vanguard Group, Inc.	BUY	5.16	Ordinary	1,523	1,523
18-Jul-18	The Vanguard Group, Inc.	SELL	5.14	Ordinary	(58,740)	(58,740)
18-Jul-18	The Vanguard Group, Inc.	SELL	5.14	Ordinary	(9,783)	(9,783)
20-Jul-18	The Vanguard Group, Inc.	BUY	5.19	Ordinary	220,625	220,625
20-Jul-18	The Vanguard Group, Inc.	BUY	5.17	Ordinary	12,710	12,710
20-Jul-18	The Vanguard Group, Inc.	SELL	5.18	Ordinary	(11,680)	(11,680)
20-Jul-18	The Vanguard Group, Inc.	BUY	5.18	Ordinary	11,680	11,680
23-Jul-18	The Vanguard Group, Inc.	SELL	5.12	Ordinary	(5,283)	(5,283)
23-Jul-18	The Vanguard Group, Inc.	BUY	5.15	Ordinary	33,181	33,181
24-Jul-18	The Vanguard Group, Inc.	SELL	5.10	Ordinary	(1,040)	(1,040)
25-Jul-18	The Vanguard Group, Inc.	SELL	5.04	Ordinary	(26,415)	(26,415)
25-Jul-18	The Vanguard Group, Inc.	SELL	5.04	Ordinary	(3,522)	(3,522)

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
25-Jul-18	The Vanguard Group, Inc.	SELL	5.04	Ordinary	(5,283)	(5,283)
25-Jul-18	The Vanguard Group, Inc.	SELL	5.02	Ordinary	(1,364)	(1,364)
25-Jul-18	The Vanguard Group, Inc.	BUY	5.02	Ordinary	6,997	6,997
27-Jul-18	The Vanguard Group, Inc.	SELL	5.10	Ordinary	(9,640)	(9,640)
30-Jul-18	The Vanguard Group, Inc.	SELL	5.14	Ordinary	(8,767)	(8,767)
2-Aug-18	The Vanguard Group, Inc.	SELL	5.23	Ordinary	(17,610)	(17,610)
2-Aug-18	The Vanguard Group, Inc.	BUY	5.21	Ordinary	12,533	12,533
3-Aug-18	The Vanguard Group, Inc.	BUY	5.27	Ordinary	1,669	1,669
3-Aug-18	The Vanguard Group, Inc.	SELL	5.27	Ordinary	(6,454)	(6,454)
8-Aug-18	The Vanguard Group, Inc.	SELL	5.32	Ordinary	(1,019)	(1,019)
9-Aug-18	The Vanguard Group, Inc.	SELL	5.35	Ordinary	(69,440)	(69,440)
10-Aug-18	The Vanguard Group, Inc.	SELL	5.33	Ordinary	(42,264)	(42,264)
10-Aug-18	The Vanguard Group, Inc.	SELL	5.33	Ordinary	(35,516)	(35,516)
13-Aug-18	The Vanguard Group, Inc.	BUY	5.30	Ordinary	1,343	1,343
14-Aug-18	The Vanguard Group, Inc.	BUY	5.20	Ordinary	164,602	164,602
15-Aug-18	The Vanguard Group, Inc.	SELL	5.17	Ordinary	(21,132)	(21,132)
15-Aug-18	The Vanguard Group, Inc.	BUY	5.15	Ordinary	135,121	135,121
15-Aug-18	The Vanguard Group, Inc.	BUY	5.15	Ordinary	73,602	73,602
16-Aug-18	The Vanguard Group, Inc.	SELL	5.19	Ordinary	(45,149)	(45,149)
17-Aug-18	The Vanguard Group, Inc.	BUY	5.22	Ordinary	133,582	133,582
17-Aug-18	The Vanguard Group, Inc.	BUY	5.24	Ordinary	8,897	8,897
17-Aug-18	The Vanguard Group, Inc.	BUY	5.22	Ordinary	27,786	27,786
22-Aug-18	The Vanguard Group, Inc.	BUY	5.22	Ordinary	131,737	131,737
24-Aug-18	The Vanguard Group, Inc.	BUY	5.12	Ordinary	13,981	13,981
24-Aug-18	The Vanguard Group, Inc.	SELL	5.11	Ordinary	(42,451)	(42,451)
24-Aug-18	The Vanguard Group, Inc.	BUY	5.11	Ordinary	42,451	42,451
5-Sep-18	The Vanguard Group, Inc.	BUY	5.19	Ordinary	230,420	230,420
5-Sep-18	The Vanguard Group, Inc.	SELL	5.19	Ordinary	(1,555)	(1,555)
6-Sep-18	The Vanguard Group, Inc.	BUY	5.16	Ordinary	134,930	134,930
7-Sep-18	The Vanguard Group, Inc.	BUY	5.21	Ordinary	25,112	25,112
7-Sep-18	The Vanguard Group, Inc.	BUY	5.21	Ordinary	8,848	8,848
10-Sep-18	The Vanguard Group, Inc.	BUY	5.22	Ordinary	4,002	4,002
11-Sep-18	The Vanguard Group, Inc.	BUY	5.27	Ordinary	79,360	79,360
11-Sep-18	The Vanguard Group, Inc.	BUY	5.26	Ordinary	52,122	52,122
12-Sep-18	The Vanguard Group, Inc.	BUY	5.28	Ordinary	13,272	13,272
12-Sep-18	The Vanguard Group, Inc.	SELL	5.24	Ordinary	(1,075)	(1,075)
12-Sep-18	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(116,880)	(116,880)
17-Sep-18	The Vanguard Group, Inc.	BUY	5.35	Ordinary	14,875	14,875
18-Sep-18	The Vanguard Group, Inc.	BUY	5.38	Ordinary	1,531	1,531
20-Sep-18	The Vanguard Group, Inc.	BUY	5.21	Ordinary	2,321	2,321
21-Sep-18	The Vanguard Group, Inc.	SELL	5.18	Ordinary	(101,454)	(101,454)
21-Sep-18	The Vanguard Group, Inc.	SELL	5.18	Ordinary	(28,811)	(28,811)
26-Sep-18	The Vanguard Group, Inc.	BUY	5.22	Ordinary	8,632	8,632
26-Sep-18	The Vanguard Group, Inc.	BUY	5.22	Ordinary	17,264	17,264
26-Sep-18	The Vanguard Group, Inc.	BUY	5.22	Ordinary	21,580	21,580
1-Oct-18	The Vanguard Group, Inc.	BUY	5.17	Ordinary	12,948	12,948
2-Oct-18	The Vanguard Group, Inc.	BUY	5.15	Ordinary	34,528	34,528
3-Oct-18	The Vanguard Group, Inc.	BUY	5.12	Ordinary	12,948	12,948
3-Oct-18	The Vanguard Group, Inc.	BUY	5.12	Ordinary	11,754	11,754
9-Oct-18	The Vanguard Group, Inc.	BUY	5.06	Ordinary	33,303	33,303
11-Oct-18	The Vanguard Group, Inc.	BUY	4.97	Ordinary	10,566	10,566
12-Oct-18	The Vanguard Group, Inc.	SELL	4.92	Ordinary	(78,688)	(78,688)
15-Oct-18	The Vanguard Group, Inc.	BUY	4.89	Ordinary	17,610	17,610
16-Oct-18	The Vanguard Group, Inc.	SELL	4.92	Ordinary	(1,138)	(1,138)
19-Oct-18	The Vanguard Group, Inc.	BUY	5.04	Ordinary	10,566	10,566
19-Oct-18	The Vanguard Group, Inc.	BUY	5.04	Ordinary	12,948	12,948
23-Oct-18	The Vanguard Group, Inc.	SELL	5.08	Ordinary	(29,925)	(29,925)
23-Oct-18	The Vanguard Group, Inc.	SELL	5.08	Ordinary	(79,800)	(79,800)
23-Oct-18	The Vanguard Group, Inc.	BUY	5.07	Ordinary	11,272	11,272
24-Oct-18	The Vanguard Group, Inc.	BUY	5.17	Ordinary	1,800	1,800
25-Oct-18	The Vanguard Group, Inc.	BUY	5.15	Ordinary	139,841	139,841
25-Oct-18	The Vanguard Group, Inc.	BUY	5.15	Ordinary	66,518	66,518
25-Oct-18	The Vanguard Group, Inc.	BUY	5.19	Ordinary	10,790	10,790
26-Oct-18	The Vanguard Group, Inc.	BUY	5.15	Ordinary	138,013	138,013
26-Oct-18	The Vanguard Group, Inc.	BUY	5.14	Ordinary	136,666	136,666
26-Oct-18	The Vanguard Group, Inc.	BUY	5.14	Ordinary	1,660	1,660
26-Oct-18	The Vanguard Group, Inc.	BUY	5.15	Ordinary	6,832	6,832
29-Oct-18	The Vanguard Group, Inc.	SELL	5.16	Ordinary	(39,900)	(39,900)
29-Oct-18	The Vanguard Group, Inc.	SELL	5.16	Ordinary	(39,900)	(39,900)
30-Oct-18	The Vanguard Group, Inc.	BUY	5.19	Ordinary	26,577	26,577
31-Oct-18	The Vanguard Group, Inc.	BUY	5.16	Ordinary	15,106	15,106

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
31-Oct-18	The Vanguard Group, Inc.	SELL	5.16	Ordinary	(129,675)	(129,675)
31-Oct-18	The Vanguard Group, Inc.	SELL	5.16	Ordinary	(29,925)	(29,925)
1-Nov-18	The Vanguard Group, Inc.	BUY	5.13	Ordinary	136,273	136,273
1-Nov-18	The Vanguard Group, Inc.	BUY	5.11	Ordinary	21,580	21,580
1-Nov-18	The Vanguard Group, Inc.	SELL	5.10	Ordinary	(118,268)	(118,268)
2-Nov-18	The Vanguard Group, Inc.	BUY	5.06	Ordinary	54,689	54,689
2-Nov-18	The Vanguard Group, Inc.	SELL	5.08	Ordinary	(40,581)	(40,581)
5-Nov-18	The Vanguard Group, Inc.	SELL	5.09	Ordinary	(13,572)	(13,572)
7-Nov-18	The Vanguard Group, Inc.	BUY	5.26	Ordinary	17,264	17,264
9-Nov-18	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(3,662)	(3,662)
12-Nov-18	The Vanguard Group, Inc.	BUY	5.26	Ordinary	12,948	12,948
13-Nov-18	The Vanguard Group, Inc.	BUY	5.29	Ordinary	4,844	4,844
13-Nov-18	The Vanguard Group, Inc.	BUY	5.36	Ordinary	7,417	7,417
14-Nov-18	The Vanguard Group, Inc.	BUY	5.24	Ordinary	12,948	12,948
14-Nov-18	The Vanguard Group, Inc.	BUY	5.24	Ordinary	17,264	17,264
14-Nov-18	The Vanguard Group, Inc.	BUY	5.26	Ordinary	170,154	170,154
15-Nov-18	The Vanguard Group, Inc.	BUY	5.28	Ordinary	16,496	16,496
21-Nov-18	The Vanguard Group, Inc.	BUY	5.31	Ordinary	17,264	17,264
26-Nov-18	The Vanguard Group, Inc.	SELL	5.35	Ordinary	(4,562)	(4,562)
27-Nov-18	The Vanguard Group, Inc.	BUY	5.38	Ordinary	1,256	1,256
27-Nov-18	The Vanguard Group, Inc.	BUY	5.35	Ordinary	6,067	6,067
28-Nov-18	The Vanguard Group, Inc.	BUY	5.41	Ordinary	1,761	1,761
28-Nov-18	The Vanguard Group, Inc.	BUY	5.41	Ordinary	10,566	10,566
28-Nov-18	The Vanguard Group, Inc.	BUY	5.41	Ordinary	10,790	10,790
28-Nov-18	The Vanguard Group, Inc.	BUY	5.41	Ordinary	13,713	13,713
29-Nov-18	The Vanguard Group, Inc.	BUY	5.40	Ordinary	636	636
29-Nov-18	The Vanguard Group, Inc.	SELL	5.38	Ordinary	(8,666)	(8,666)
30-Nov-18	The Vanguard Group, Inc.	BUY	5.30	Ordinary	110,713	110,713
30-Nov-18	The Vanguard Group, Inc.	BUY	5.29	Ordinary	1,100	1,100
30-Nov-18	The Vanguard Group, Inc.	BUY	5.27	Ordinary	19,778	19,778
30-Nov-18	The Vanguard Group, Inc.	BUY	5.27	Ordinary	53,901	53,901
30-Nov-18	The Vanguard Group, Inc.	SELL	5.27	Ordinary	(50,043)	(50,043)
3-Dec-18	The Vanguard Group, Inc.	BUY	5.36	Ordinary	2,200	2,200
3-Dec-18	The Vanguard Group, Inc.	SELL	5.37	Ordinary	(25,949)	(25,949)
3-Dec-18	The Vanguard Group, Inc.	BUY	5.37	Ordinary	9,113	9,113
4-Dec-18	The Vanguard Group, Inc.	BUY	5.39	Ordinary	153,903	153,903
4-Dec-18	The Vanguard Group, Inc.	BUY	5.36	Ordinary	16,496	16,496
4-Dec-18	The Vanguard Group, Inc.	BUY	5.36	Ordinary	17,264	17,264
4-Dec-18	The Vanguard Group, Inc.	BUY	5.41	Ordinary	18,240	18,240
5-Dec-18	The Vanguard Group, Inc.	BUY	5.38	Ordinary	58,634	58,634
5-Dec-18	The Vanguard Group, Inc.	BUY	5.38	Ordinary	246,449	246,449
5-Dec-18	The Vanguard Group, Inc.	BUY	5.38	Ordinary	9,012	9,012
6-Dec-18	The Vanguard Group, Inc.	BUY	5.50	Ordinary	12,372	12,372
6-Dec-18	The Vanguard Group, Inc.	SELL	5.47	Ordinary	(1,582)	(1,582)
6-Dec-18	The Vanguard Group, Inc.	BUY	5.47	Ordinary	12,165	12,165
7-Dec-18	The Vanguard Group, Inc.	BUY	5.46	Ordinary	15,106	15,106
7-Dec-18	The Vanguard Group, Inc.	BUY	5.46	Ordinary	17,264	17,264
10-Dec-18	The Vanguard Group, Inc.	BUY	5.41	Ordinary	9,660	9,660
11-Dec-18	The Vanguard Group, Inc.	BUY	5.45	Ordinary	128,641	128,641
11-Dec-18	The Vanguard Group, Inc.	BUY	5.46	Ordinary	17,264	17,264
11-Dec-18	The Vanguard Group, Inc.	BUY	5.46	Ordinary	12,948	12,948
12-Dec-18	The Vanguard Group, Inc.	BUY	5.54	Ordinary	12,948	12,948
12-Dec-18	The Vanguard Group, Inc.	BUY	5.54	Ordinary	36,686	36,686
12-Dec-18	The Vanguard Group, Inc.	BUY	5.54	Ordinary	12,948	12,948
12-Dec-18	The Vanguard Group, Inc.	SELL	5.49	Ordinary	(1,027)	(1,027)
12-Dec-18	The Vanguard Group, Inc.	BUY	5.54	Ordinary	29,925	29,925
12-Dec-18	The Vanguard Group, Inc.	BUY	5.54	Ordinary	7,836	7,836
13-Dec-18	The Vanguard Group, Inc.	BUY	5.45	Ordinary	13,713	13,713
13-Dec-18	The Vanguard Group, Inc.	BUY	5.46	Ordinary	252	252
14-Dec-18	The Vanguard Group, Inc.	BUY	5.54	Ordinary	12,948	12,948
14-Dec-18	The Vanguard Group, Inc.	BUY	5.54	Ordinary	5,877	5,877
14-Dec-18	The Vanguard Group, Inc.	SELL	5.55	Ordinary	(1,498)	(1,498)
17-Dec-18	The Vanguard Group, Inc.	BUY	5.60	Ordinary	25,896	25,896
17-Dec-18	The Vanguard Group, Inc.	BUY	5.60	Ordinary	19,590	19,590
18-Dec-18	The Vanguard Group, Inc.	BUY	5.55	Ordinary	1,668	1,668
19-Dec-18	The Vanguard Group, Inc.	SELL	5.51	Ordinary	(59,850)	(59,850)
20-Dec-18	The Vanguard Group, Inc.	BUY	5.60	Ordinary	17,264	17,264
20-Dec-18	The Vanguard Group, Inc.	SELL	5.63	Ordinary	(69,545)	(69,545)
20-Dec-18	The Vanguard Group, Inc.	BUY	5.63	Ordinary	13,931	13,931
21-Dec-18	The Vanguard Group, Inc.	SELL	5.55	Ordinary	(1,004)	(1,004)
21-Dec-18	The Vanguard Group, Inc.	SELL	5.56	Ordinary	(238,335)	(238,335)

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
21-Dec-18	The Vanguard Group, Inc.	SELL	5.55	Ordinary	(24,750)	(24,750)
21-Dec-18	The Vanguard Group, Inc.	BUY	5.64	Ordinary	3,713	3,713
21-Dec-18	The Vanguard Group, Inc.	BUY	5.64	Ordinary	8,451	8,451
9-Feb-17	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	13,815	13,815
13-Feb-17	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	311,423	311,423
13-Feb-17	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	48,324	48,324
17-Feb-17	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	96,668	96,668
20-Feb-17	Vanguard Investments Australia Ltd.	SELL	4.90	Ordinary	(206,355)	(206,355)
20-Feb-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	48,334	48,334
21-Feb-17	Vanguard Investments Australia Ltd.	SELL	4.88	Ordinary	(208,297)	(208,297)
22-Feb-17	Vanguard Investments Australia Ltd.	SELL	4.88	Ordinary	(192,275)	(192,275)
23-Feb-17	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	2,728,865	2,728,865
23-Feb-17	Vanguard Investments Australia Ltd.	SELL	4.89	Ordinary	(2,728,865)	(2,728,865)
24-Feb-17	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	48,320	48,320
28-Feb-17	Vanguard Investments Australia Ltd.	SELL	4.93	Ordinary	(3,664)	(3,664)
28-Feb-17	Vanguard Investments Australia Ltd.	SELL	4.93	Ordinary	(366,795)	(366,795)
1-Mar-17	Vanguard Investments Australia Ltd.	SELL	4.91	Ordinary	(1,521)	(1,521)
1-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	99,972	99,972
1-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	6,345	6,345
1-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	6,087	6,087
1-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	33,480	33,480
2-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	204,300	204,300
3-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	48,320	48,320
6-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	7,675	7,675
7-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	72,480	72,480
10-Mar-17	Vanguard Investments Australia Ltd.	SELL	4.80	Ordinary	(143,467)	(143,467)
10-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	54,230	54,230
15-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	48,320	48,320
15-Mar-17	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	10,745	10,745
17-Mar-17	Vanguard Investments Australia Ltd.	SELL	5.01	Ordinary	(10,799)	(10,799)
17-Mar-17	Vanguard Investments Australia Ltd.	SELL	5.01	Ordinary	(12,833)	(12,833)
17-Mar-17	Vanguard Investments Australia Ltd.	SELL	5.01	Ordinary	(4,166)	(4,166)
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	60,550	60,550
17-Mar-17	Vanguard Investments Australia Ltd.	SELL	5.01	Ordinary	(84,664)	(84,664)
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	25,829	25,829
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	24,160	24,160
17-Mar-17	Vanguard Investments Australia Ltd.	SELL	5.01	Ordinary	(230,878)	(230,878)
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	50,360	50,360
22-Mar-17	Vanguard Investments Australia Ltd.	SELL	5.00	Ordinary	(190,671)	(190,671)
23-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	47,750	47,750
23-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	13,896	13,896
24-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.07	Ordinary	212,839	212,839
24-Mar-17	Vanguard Investments Australia Ltd.	SELL	5.07	Ordinary	(46,971)	(46,971)
24-Mar-17	Vanguard Investments Australia Ltd.	SELL	5.07	Ordinary	(212,839)	(212,839)
27-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	8,836	8,836
27-Mar-17	Vanguard Investments Australia Ltd.	SELL	5.12	Ordinary	(55,963)	(55,963)
28-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	351,175	351,175
29-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	64,330	64,330
31-Mar-17	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	95,556	95,556
31-Mar-17	Vanguard Investments Australia Ltd.	SELL	5.16	Ordinary	(476,790)	(476,790)
4-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	18,755	18,755
4-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	14,136	14,136
4-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	24,664	24,664
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	2,810	2,810
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	6,250	6,250
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	5,190	5,190
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	34,590	34,590
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	47,232	47,232
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	7,885	7,885
6-Apr-17	Vanguard Investments Australia Ltd.	SELL	5.19	Ordinary	(763,954)	(763,954)
6-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	455,323	455,323
10-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	1,035,245	1,035,245
10-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	73,400	73,400
11-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	47,232	47,232
12-Apr-17	Vanguard Investments Australia Ltd.	SELL	5.32	Ordinary	(137,208)	(137,208)
13-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	57,380	57,380
19-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.29	Ordinary	12,616	12,616
20-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	125,796	125,796
24-Apr-17	Vanguard Investments Australia Ltd.	SELL	5.33	Ordinary	(7,262)	(7,262)
26-Apr-17	Vanguard Investments Australia Ltd.	SELL	5.32	Ordinary	(13,126)	(13,126)
27-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.30	Ordinary	14,193	14,193

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
28-Apr-17	Vanguard Investments Australia Ltd.	SELL	5.25	Ordinary	(5,069)	(5,069)
28-Apr-17	Vanguard Investments Australia Ltd.	SELL	5.25	Ordinary	(5,627)	(5,627)
28-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.25	Ordinary	118,080	118,080
28-Apr-17	Vanguard Investments Australia Ltd.	BUY	5.25	Ordinary	6,308	6,308
1-May-17	Vanguard Investments Australia Ltd.	SELL	5.29	Ordinary	(21,683)	(21,683)
1-May-17	Vanguard Investments Australia Ltd.	SELL	5.29	Ordinary	(204,542)	(204,542)
2-May-17	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	38,765	38,765
5-May-17	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	23,556	23,556
5-May-17	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	89,664	89,664
5-May-17	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	40,305	40,305
8-May-17	Vanguard Investments Australia Ltd.	BUY	5.29	Ordinary	60,936	60,936
9-May-17	Vanguard Investments Australia Ltd.	SELL	5.31	Ordinary	(21,749)	(21,749)
9-May-17	Vanguard Investments Australia Ltd.	SELL	5.31	Ordinary	(32,816)	(32,816)
9-May-17	Vanguard Investments Australia Ltd.	BUY	5.31	Ordinary	16,090	16,090
10-May-17	Vanguard Investments Australia Ltd.	BUY	5.35	Ordinary	47,112	47,112
11-May-17	Vanguard Investments Australia Ltd.	BUY	5.31	Ordinary	50,196	50,196
12-May-17	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	106,225	106,225
12-May-17	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	4,095	4,095
12-May-17	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	70,668	70,668
15-May-17	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	4,014	4,014
15-May-17	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	40,311	40,311
15-May-17	Vanguard Investments Australia Ltd.	SELL	5.20	Ordinary	(204,665)	(204,665)
15-May-17	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	11,263	11,263
16-May-17	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	38,880	38,880
17-May-17	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	47,112	47,112
17-May-17	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	21,566	21,566
18-May-17	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	11,263	11,263
19-May-17	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	6,612	6,612
19-May-17	Vanguard Investments Australia Ltd.	SELL	5.12	Ordinary	(21,531)	(21,531)
23-May-17	Vanguard Investments Australia Ltd.	SELL	5.17	Ordinary	(28,765)	(28,765)
23-May-17	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	47,112	47,112
25-May-17	Vanguard Investments Australia Ltd.	SELL	5.24	Ordinary	(44,031)	(44,031)
25-May-17	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	46,200	46,200
29-May-17	Vanguard Investments Australia Ltd.	SELL	5.21	Ordinary	(8,009)	(8,009)
29-May-17	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	94,224	94,224
1-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	254,132	254,132
1-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	34,601	34,601
2-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	47,042	47,042
6-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	16,090	16,090
7-Jun-17	Vanguard Investments Australia Ltd.	SELL	5.16	Ordinary	(19,458)	(19,458)
8-Jun-17	Vanguard Investments Australia Ltd.	SELL	5.11	Ordinary	(878,279)	(878,279)
8-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	24,135	24,135
9-Jun-17	Vanguard Investments Australia Ltd.	SELL	5.08	Ordinary	(36,709)	(36,709)
9-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	33,133	33,133
14-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	35,556	35,556
15-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	117,835	117,835
15-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	75,059	75,059
16-Jun-17	Vanguard Investments Australia Ltd.	SELL	5.26	Ordinary	(15,959)	(15,959)
16-Jun-17	Vanguard Investments Australia Ltd.	SELL	5.26	Ordinary	(3,096)	(3,096)
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	4,957	4,957
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	56,651	56,651
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	47,134	47,134
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	22,526	22,526
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	32,980	32,980
20-Jun-17	Vanguard Investments Australia Ltd.	SELL	5.20	Ordinary	(35,195)	(35,195)
20-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	9,330	9,330
21-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	47,142	47,142
22-Jun-17	Vanguard Investments Australia Ltd.	SELL	5.14	Ordinary	(267,455)	(267,455)
22-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	15,550	15,550
27-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.06	Ordinary	70,434	70,434
27-Jun-17	Vanguard Investments Australia Ltd.	BUY	5.06	Ordinary	13,995	13,995
28-Jun-17	Vanguard Investments Australia Ltd.	SELL	5.07	Ordinary	(11,914)	(11,914)
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	4.98	Ordinary	15,227	15,227
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	4.98	Ordinary	143,148	143,148
30-Jun-17	Vanguard Investments Australia Ltd.	SELL	4.79	Ordinary	(510,263)	(510,263)
30-Jun-17	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	15,550	15,550
3-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.74	Ordinary	(25,795)	(25,795)
3-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.78	Ordinary	6,232	6,232
3-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.74	Ordinary	(375,745)	(375,745)
3-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	14,070	14,070
4-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.86	Ordinary	(133,758)	(133,758)

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-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.79	Ordinary	(191,751)	(191,751)
5-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	23,637	23,637
5-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	47,274	47,274
6-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	230,275	230,275
6-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	472,740	472,740
6-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.82	Ordinary	(547,967)	(547,967)
10-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.79	Ordinary	(198,821)	(198,821)
10-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	16,884	16,884
11-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.75	Ordinary	(194,356)	(194,356)
11-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.75	Ordinary	(208,315)	(208,315)
11-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	70,911	70,911
11-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.75	Ordinary	(197,461)	(197,461)
12-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	9,849	9,849
13-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.75	Ordinary	(389,001)	(389,001)
13-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	233,642	233,642
13-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	23,637	23,637
13-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.75	Ordinary	(428,899)	(428,899)
13-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.75	Ordinary	(138,314)	(138,314)
17-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.82	Ordinary	(387,318)	(387,318)
17-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	70,911	70,911
17-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.82	Ordinary	(343,387)	(343,387)
18-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	9,849	9,849
20-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.83	Ordinary	(435,509)	(435,509)
20-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	215,072	215,072
20-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	70,911	70,911
20-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.83	Ordinary	(320,739)	(320,739)
24-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	213,156	213,156
24-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	17,556	17,556
25-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.82	Ordinary	(14,179)	(14,179)
25-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.83	Ordinary	(389,961)	(389,961)
25-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.82	Ordinary	(142,104)	(142,104)
25-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.83	Ordinary	(308,855)	(308,855)
27-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.84	Ordinary	(313,163)	(313,163)
27-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.84	Ordinary	(59,133)	(59,133)
27-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	75,228	75,228
28-Jul-17	Vanguard Investments Australia Ltd.	SELL	4.79	Ordinary	(73,862)	(73,862)
31-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	15,602	15,602
31-Jul-17	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	10,032	10,032
1-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	7,961	7,961
3-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	47,368	47,368
3-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	13,794	13,794
4-Aug-17	Vanguard Investments Australia Ltd.	SELL	4.82	Ordinary	(449,996)	(449,996)
8-Aug-17	Vanguard Investments Australia Ltd.	SELL	4.78	Ordinary	(205,103)	(205,103)
9-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.78	Ordinary	23,684	23,684
9-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.78	Ordinary	71,052	71,052
10-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	32,421	32,421
11-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.78	Ordinary	17,556	17,556
14-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	9,581	9,581
14-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.78	Ordinary	26,468	26,468
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	2,474	2,474
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	6,244	6,244
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	9,894	9,894
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	37,613	37,613
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	20,566	20,566
17-Aug-17	Vanguard Investments Australia Ltd.	SELL	5.01	Ordinary	(247,861)	(247,861)
22-Aug-17	Vanguard Investments Australia Ltd.	SELL	4.97	Ordinary	(252,883)	(252,883)
22-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	41,497	41,497
22-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	45,682	45,682
23-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	10,032	10,032
23-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	8,778	8,778
25-Aug-17	Vanguard Investments Australia Ltd.	SELL	4.89	Ordinary	(9,007)	(9,007)
25-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	71,613	71,613
28-Aug-17	Vanguard Investments Australia Ltd.	SELL	4.85	Ordinary	(258,224)	(258,224)
28-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	156,275	156,275
29-Aug-17	Vanguard Investments Australia Ltd.	SELL	4.87	Ordinary	(251,726)	(251,726)
29-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	77,764	77,764
30-Aug-17	Vanguard Investments Australia Ltd.	SELL	4.99	Ordinary	(258,530)	(258,530)
30-Aug-17	Vanguard Investments Australia Ltd.	SELL	4.99	Ordinary	(7,420)	(7,420)
30-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.98	Ordinary	464,699	464,699
30-Aug-17	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	47,839	47,839
31-Aug-17	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	15,360	15,360

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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
31-Aug-17	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	10,032	10,032
31-Aug-17	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	64,066	64,066
1-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	71,613	71,613
5-Sep-17	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	225,198	225,198
7-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	21,825	21,825
8-Sep-17	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	13,794	13,794
11-Sep-17	Vanguard Investments Australia Ltd.	SELL	5.03	Ordinary	(8,917)	(8,917)
14-Sep-17	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	23,949	23,949
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	38,799	38,799
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	6,343	6,343
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	4,233	4,233
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	71,847	71,847
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	248,156	248,156
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	98,176	98,176
19-Sep-17	Vanguard Investments Australia Ltd.	SELL	4.96	Ordinary	(10,033)	(10,033)
21-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	119,900	119,900
21-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	17,808	17,808
21-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	23,378	23,378
22-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	47,566	47,566
26-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	43,248	43,248
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	3,979	3,979
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	78,611	78,611
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	9,287	9,287
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	13,988	13,988
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	29,398	29,398
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	5,072	5,072
27-Sep-17	Vanguard Investments Australia Ltd.	SELL	4.91	Ordinary	(9,600)	(9,600)
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	37,473	37,473
27-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	46,572	46,572
28-Sep-17	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	193,344	193,344
29-Sep-17	Vanguard Investments Australia Ltd.	SELL	4.96	Ordinary	(10,145)	(10,145)
29-Sep-17	Vanguard Investments Australia Ltd.	SELL	4.96	Ordinary	(12,332)	(12,332)
29-Sep-17	Vanguard Investments Australia Ltd.	SELL	4.96	Ordinary	(130,167)	(130,167)
3-Oct-17	Vanguard Investments Australia Ltd.	SELL	4.97	Ordinary	(52,516)	(52,516)
3-Oct-17	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	71,541	71,541
4-Oct-17	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	12,710	12,710
6-Oct-17	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	83,351	83,351
6-Oct-17	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	82,374	82,374
9-Oct-17	Vanguard Investments Australia Ltd.	SELL	4.96	Ordinary	(267,816)	(267,816)
9-Oct-17	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	46,885	46,885
9-Oct-17	Vanguard Investments Australia Ltd.	SELL	4.96	Ordinary	(46,885)	(46,885)
11-Oct-17	Vanguard Investments Australia Ltd.	SELL	4.96	Ordinary	(243,767)	(243,767)
12-Oct-17	Vanguard Investments Australia Ltd.	BUY	4.98	Ordinary	47,694	47,694
16-Oct-17	Vanguard Investments Australia Ltd.	SELL	4.94	Ordinary	(256,816)	(256,816)
16-Oct-17	Vanguard Investments Australia Ltd.	SELL	4.93	Ordinary	(12,867)	(12,867)
16-Oct-17	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	4,626	4,626
18-Oct-17	Vanguard Investments Australia Ltd.	SELL	5.03	Ordinary	(188,958)	(188,958)
18-Oct-17	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	102,904	102,904
25-Oct-17	Vanguard Investments Australia Ltd.	SELL	4.99	Ordinary	(607,866)	(607,866)
25-Oct-17	Vanguard Investments Australia Ltd.	SELL	4.99	Ordinary	(4,027)	(4,027)
27-Oct-17	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	71,634	71,634
27-Oct-17	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	7,626	7,626
31-Oct-17	Vanguard Investments Australia Ltd.	SELL	5.09	Ordinary	(9,981)	(9,981)
31-Oct-17	Vanguard Investments Australia Ltd.	SELL	5.09	Ordinary	(5,747)	(5,747)
31-Oct-17	Vanguard Investments Australia Ltd.	SELL	5.09	Ordinary	(7,692)	(7,692)
1-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	34,122	34,122
1-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	22,581	22,581
3-Nov-17	Vanguard Investments Australia Ltd.	SELL	5.13	Ordinary	(7,422)	(7,422)
6-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	71,634	71,634
7-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	11,439	11,439
7-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	22,662	22,662
8-Nov-17	Vanguard Investments Australia Ltd.	SELL	5.22	Ordinary	(14,986)	(14,986)
13-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.35	Ordinary	21,965	21,965
15-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	47,756	47,756
16-Nov-17	Vanguard Investments Australia Ltd.	SELL	5.26	Ordinary	(22,089)	(22,089)
16-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	11,439	11,439
22-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	95,512	95,512
22-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	12,710	12,710
23-Nov-17	Vanguard Investments Australia Ltd.	SELL	5.18	Ordinary	(3,918)	(3,918)
24-Nov-17	Vanguard Investments Australia Ltd.	SELL	5.20	Ordinary	(16,128)	(16,128)
24-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	24,645	24,645

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
24-Nov-17	Vanguard Investments Australia Ltd.	SELL	5.20	Ordinary	(14,612)	(14,612)
24-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	16,523	16,523
27-Nov-17	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	52,320	52,320
29-Nov-17	Vanguard Investments Australia Ltd.	SELL	5.35	Ordinary	(95,512)	(95,512)
30-Nov-17	Vanguard Investments Australia Ltd.	SELL	5.41	Ordinary	(2,435)	(2,435)
30-Nov-17	Vanguard Investments Australia Ltd.	SELL	5.41	Ordinary	(6,514)	(6,514)
1-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.41	Ordinary	(7,526)	(7,526)
4-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.41	Ordinary	(18,815)	(18,815)
4-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.41	Ordinary	18,815	18,815
4-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.41	Ordinary	(288,338)	(288,338)
4-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.41	Ordinary	(31,744)	(31,744)
5-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.40	Ordinary	71,532	71,532
5-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.40	Ordinary	47,688	47,688
5-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.40	Ordinary	(163,278)	(163,278)
5-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.40	Ordinary	(27,962)	(27,962)
6-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	468,342	468,342
6-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	22,320	22,320
8-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.37	Ordinary	(87,907)	(87,907)
11-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.38	Ordinary	(21,296)	(21,296)
11-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.38	Ordinary	(146,838)	(146,838)
12-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.51	Ordinary	(27,687)	(27,687)
14-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.41	Ordinary	6,635	6,635
15-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.34	Ordinary	(10,237)	(10,237)
15-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	11,805	11,805
15-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.34	Ordinary	(3,900)	(3,900)
15-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.34	Ordinary	(47,343)	(47,343)
18-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.43	Ordinary	(18,848)	(18,848)
19-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	8,134	8,134
19-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	238,270	238,270
19-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	47,654	47,654
20-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.32	Ordinary	(74,712)	(74,712)
20-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.32	Ordinary	11,871	11,871
21-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.26	Ordinary	4,957	4,957
27-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	238,270	238,270
28-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	634,752	634,752
28-Dec-17	Vanguard Investments Australia Ltd.	SELL	5.16	Ordinary	(483,660)	(483,660)
28-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	54,438	54,438
29-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	16,011	16,011
29-Dec-17	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	9,870	9,870
4-Jan-18	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	63,553	63,553
8-Jan-18	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	48,266	48,266
10-Jan-18	Vanguard Investments Australia Ltd.	SELL	5.07	Ordinary	(15,197)	(15,197)
11-Jan-18	Vanguard Investments Australia Ltd.	SELL	5.04	Ordinary	(7,073)	(7,073)
16-Jan-18	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	48,266	48,266
16-Jan-18	Vanguard Investments Australia Ltd.	SELL	4.99	Ordinary	(731,010)	(731,010)
16-Jan-18	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	11,690	11,690
18-Jan-18	Vanguard Investments Australia Ltd.	SELL	5.05	Ordinary	(12,885)	(12,885)
23-Jan-18	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	26,393	26,393
24-Jan-18	Vanguard Investments Australia Ltd.	BUY	5.02	Ordinary	7,042	7,042
25-Jan-18	Vanguard Investments Australia Ltd.	SELL	5.03	Ordinary	(61,153)	(61,153)
25-Jan-18	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	25,672	25,672
25-Jan-18	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	48,266	48,266
25-Jan-18	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	24,088	24,088
29-Jan-18	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	6,036	6,036
31-Jan-18	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	15,402	15,402
31-Jan-18	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	7,534	7,534
31-Jan-18	Vanguard Investments Australia Ltd.	SELL	5.03	Ordinary	(15,028)	(15,028)
1-Feb-18	Vanguard Investments Australia Ltd.	SELL	5.06	Ordinary	(76,456)	(76,456)
2-Feb-18	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	48,266	48,266
5-Feb-18	Vanguard Investments Australia Ltd.	SELL	4.93	Ordinary	(13,926)	(13,926)
6-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	6,036	6,036
9-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	12,072	12,072
12-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	24,033	24,033
13-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	77,731	77,731
13-Feb-18	Vanguard Investments Australia Ltd.	SELL	4.83	Ordinary	(145,920)	(145,920)
14-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	13,312	13,312
15-Feb-18	Vanguard Investments Australia Ltd.	SELL	4.67	Ordinary	(3,997)	(3,997)
15-Feb-18	Vanguard Investments Australia Ltd.	SELL	4.67	Ordinary	(7,665)	(7,665)
16-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.73	Ordinary	25,243	25,243
20-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.76	Ordinary	15,768	15,768
23-Feb-18	Vanguard Investments Australia Ltd.	SELL	4.75	Ordinary	(22,709)	(22,709)

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-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	54,597	54,597
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	48,640	48,640
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	483,182	483,182
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	25,293	25,293
27-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	230,704	230,704
28-Feb-18	Vanguard Investments Australia Ltd.	SELL	4.76	Ordinary	(21,012)	(21,012)
28-Feb-18	Vanguard Investments Australia Ltd.	BUY	4.76	Ordinary	5,430	5,430
28-Feb-18	Vanguard Investments Australia Ltd.	SELL	4.76	Ordinary	(10,040)	(10,040)
1-Mar-18	Vanguard Investments Australia Ltd.	BUY	4.76	Ordinary	11,826	11,826
5-Mar-18	Vanguard Investments Australia Ltd.	SELL	4.73	Ordinary	(7,901)	(7,901)
8-Mar-18	Vanguard Investments Australia Ltd.	SELL	4.70	Ordinary	(9,090)	(9,090)
13-Mar-18	Vanguard Investments Australia Ltd.	BUY	4.72	Ordinary	7,005	7,005
16-Mar-18	Vanguard Investments Australia Ltd.	SELL	4.71	Ordinary	(13,463)	(13,463)
16-Mar-18	Vanguard Investments Australia Ltd.	SELL	4.71	Ordinary	(48,038)	(48,038)
16-Mar-18	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	4,156	4,156
16-Mar-18	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	96,544	96,544
21-Mar-18	Vanguard Investments Australia Ltd.	SELL	4.77	Ordinary	(341,544)	(341,544)
21-Mar-18	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	7,680	7,680
22-Mar-18	Vanguard Investments Australia Ltd.	SELL	4.76	Ordinary	(18,148)	(18,148)
26-Mar-18	Vanguard Investments Australia Ltd.	SELL	4.63	Ordinary	(197,442)	(197,442)
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	54,150	54,150
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	10,031	10,031
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	14,080	14,080
29-Mar-18	Vanguard Investments Australia Ltd.	SELL	4.74	Ordinary	(10,080)	(10,080)
29-Mar-18	Vanguard Investments Australia Ltd.	SELL	4.74	Ordinary	(3,898)	(3,898)
29-Mar-18	Vanguard Investments Australia Ltd.	SELL	4.73	Ordinary	(587,181)	(587,181)
29-Mar-18	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	29,692	29,692
3-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	29,080	29,080
5-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.76	Ordinary	33,313	33,313
5-Apr-18	Vanguard Investments Australia Ltd.	SELL	4.75	Ordinary	(15,279)	(15,279)
5-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	14,112	14,112
6-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	24,800	24,800
10-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	26,561	26,561
10-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	59,841	59,841
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	53,661	53,661
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	8,986	8,986
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	26,819	26,819
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	3,827	3,827
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	27,994	27,994
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	34,341	34,341
13-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	39,114	39,114
19-Apr-18	Vanguard Investments Australia Ltd.	SELL	4.65	Ordinary	(13,670)	(13,670)
19-Apr-18	Vanguard Investments Australia Ltd.	SELL	4.65	Ordinary	(96,911)	(96,911)
19-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	14,112	14,112
27-Apr-18	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	27,370	27,370
2-May-18	Vanguard Investments Australia Ltd.	SELL	4.89	Ordinary	(15,116)	(15,116)
4-May-18	Vanguard Investments Australia Ltd.	SELL	4.86	Ordinary	(19,729)	(19,729)
4-May-18	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	7,056	7,056
8-May-18	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	25,216	25,216
10-May-18	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	4,784	4,784
10-May-18	Vanguard Investments Australia Ltd.	SELL	4.85	Ordinary	(87,270)	(87,270)
11-May-18	Vanguard Investments Australia Ltd.	SELL	4.88	Ordinary	(12,266)	(12,266)
17-May-18	Vanguard Investments Australia Ltd.	SELL	4.76	Ordinary	(114,001)	(114,001)
17-May-18	Vanguard Investments Australia Ltd.	BUY	4.76	Ordinary	24,861	24,861
18-May-18	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	8,232	8,232
21-May-18	Vanguard Investments Australia Ltd.	SELL	4.79	Ordinary	(85,277)	(85,277)
22-May-18	Vanguard Investments Australia Ltd.	SELL	4.83	Ordinary	(4,564)	(4,564)
22-May-18	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	24,064	24,064
22-May-18	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	9,408	9,408
23-May-18	Vanguard Investments Australia Ltd.	SELL	4.94	Ordinary	(19,345)	(19,345)
28-May-18	Vanguard Investments Australia Ltd.	SELL	5.07	Ordinary	(7,279)	(7,279)
29-May-18	Vanguard Investments Australia Ltd.	BUY	5.06	Ordinary	24,064	24,064
29-May-18	Vanguard Investments Australia Ltd.	BUY	5.06	Ordinary	38,789	38,789
31-May-18	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	9,093	9,093
1-Jun-18	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	44,292	44,292
1-Jun-18	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	40,877	40,877
4-Jun-18	Vanguard Investments Australia Ltd.	BUY	5.10	Ordinary	152,375	152,375
4-Jun-18	Vanguard Investments Australia Ltd.	BUY	5.10	Ordinary	1,186,606	1,186,606
6-Jun-18	Vanguard Investments Australia Ltd.	BUY	5.02	Ordinary	4,629	4,629
6-Jun-18	Vanguard Investments Australia Ltd.	BUY	5.02	Ordinary	96,404	96,404
8-Jun-18	Vanguard Investments Australia Ltd.	BUY	5.02	Ordinary	9,093	9,093

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-Jun-18	Vanguard Investments Australia Ltd.	SELL	5.02	Ordinary	(27,215)	(27,215)
14-Jun-18	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	12,990	12,990
15-Jun-18	Vanguard Investments Australia Ltd.	SELL	5.04	Ordinary	(20,021)	(20,021)
15-Jun-18	Vanguard Investments Australia Ltd.	SELL	5.04	Ordinary	(11,767)	(11,767)
15-Jun-18	Vanguard Investments Australia Ltd.	SELL	5.04	Ordinary	(344,365)	(344,365)
20-Jun-18	Vanguard Investments Australia Ltd.	SELL	5.13	Ordinary	(13,930)	(13,930)
22-Jun-18	Vanguard Investments Australia Ltd.	SELL	5.20	Ordinary	(5,327)	(5,327)
28-Jun-18	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	771,399	771,399
29-Jun-18	Vanguard Investments Australia Ltd.	SELL	5.06	Ordinary	(12,895)	(12,895)
29-Jun-18	Vanguard Investments Australia Ltd.	SELL	5.06	Ordinary	(4,695)	(4,695)
29-Jun-18	Vanguard Investments Australia Ltd.	BUY	5.06	Ordinary	49,016	49,016
29-Jun-18	Vanguard Investments Australia Ltd.	SELL	5.06	Ordinary	(50,050)	(50,050)
2-Jul-18	Vanguard Investments Australia Ltd.	SELL	5.09	Ordinary	(4,782)	(4,782)
3-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	58,842	58,842
5-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	31,584	31,584
5-Jul-18	Vanguard Investments Australia Ltd.	SELL	5.12	Ordinary	(5,953)	(5,953)
5-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	24,340	24,340
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	48,391	48,391
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	48,891	48,891
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	57,241	57,241
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	48,680	48,680
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	11,403	11,403
9-Jul-18	Vanguard Investments Australia Ltd.	SELL	5.13	Ordinary	(11,084)	(11,084)
10-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.09	Ordinary	7,655	7,655
12-Jul-18	Vanguard Investments Australia Ltd.	SELL	5.20	Ordinary	(3,981)	(3,981)
12-Jul-18	Vanguard Investments Australia Ltd.	SELL	5.20	Ordinary	(243,283)	(243,283)
13-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	4,834	4,834
16-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	48,616	48,616
16-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	7,602	7,602
16-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	27,413	27,413
17-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	23,950	23,950
18-Jul-18	Vanguard Investments Australia Ltd.	SELL	5.14	Ordinary	(15,551)	(15,551)
18-Jul-18	Vanguard Investments Australia Ltd.	SELL	5.14	Ordinary	(7,309)	(7,309)
18-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	48,616	48,616
19-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	24,852	24,852
20-Jul-18	Vanguard Investments Australia Ltd.	SELL	5.18	Ordinary	(5,932)	(5,932)
20-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	13,937	13,937
24-Jul-18	Vanguard Investments Australia Ltd.	SELL	5.03	Ordinary	(3,921)	(3,921)
26-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.07	Ordinary	48,616	48,616
27-Jul-18	Vanguard Investments Australia Ltd.	BUY	5.09	Ordinary	24,535	24,535
1-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	9,594	9,594
2-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	10,066	10,066
2-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	11,745	11,745
3-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	97,232	97,232
3-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	36,247	36,247
7-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.35	Ordinary	40,386	40,386
9-Aug-18	Vanguard Investments Australia Ltd.	SELL	5.35	Ordinary	(4,860)	(4,860)
9-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.35	Ordinary	48,616	48,616
10-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	74,282	74,282
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	9,321	9,321
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	1,626	1,626
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	320,468	320,468
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	34,289	34,289
14-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	346,266	346,266
15-Aug-18	Vanguard Investments Australia Ltd.	SELL	5.18	Ordinary	(4,587)	(4,587)
15-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	49,110	49,110
15-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	8,364	8,364
15-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	24,370	24,370
17-Aug-18	Vanguard Investments Australia Ltd.	SELL	5.23	Ordinary	(5,578)	(5,578)
20-Aug-18	Vanguard Investments Australia Ltd.	SELL	5.25	Ordinary	(43,893)	(43,893)
21-Aug-18	Vanguard Investments Australia Ltd.	SELL	5.22	Ordinary	(3,891)	(3,891)
21-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	14,940	14,940
23-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	49,024	49,024
29-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	52,841	52,841
29-Aug-18	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	311,371	311,371
31-Aug-18	Vanguard Investments Australia Ltd.	SELL	5.17	Ordinary	(12,835)	(12,835)
4-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	49,024	49,024
4-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	15,752	15,752
4-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	55,501	55,501
6-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	49,901	49,901
10-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	98,064	98,064

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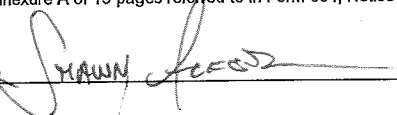
Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
10-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	49,032	49,032
10-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	14,480	14,480
11-Sep-18	Vanguard Investments Australia Ltd.	SELL	5.26	Ordinary	(18,537)	(18,537)
13-Sep-18	Vanguard Investments Australia Ltd.	SELL	5.30	Ordinary	(4,725)	(4,725)
17-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.35	Ordinary	16,324	16,324
19-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.30	Ordinary	49,026	49,026
20-Sep-18	Vanguard Investments Australia Ltd.	SELL	5.21	Ordinary	(5,998)	(5,998)
21-Sep-18	Vanguard Investments Australia Ltd.	SELL	5.18	Ordinary	(14,672)	(14,672)
21-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	23,507	23,507
21-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	43,079	43,079
21-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	3,873	3,873
21-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	139,064	139,064
21-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	78,768	78,768
25-Sep-18	Vanguard Investments Australia Ltd.	SELL	5.24	Ordinary	(5,823)	(5,823)
26-Sep-18	Vanguard Investments Australia Ltd.	SELL	5.23	Ordinary	(4,814)	(4,814)
26-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	49,094	49,094
26-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	8,580	8,580
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	31,739	31,739
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	16,521	16,521
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	26,433	26,433
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	50,042	50,042
27-Sep-18	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	107,800	107,800
28-Sep-18	Vanguard Investments Australia Ltd.	SELL	5.22	Ordinary	(232,548)	(232,548)
1-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	12,465	12,465
3-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	97,872	97,872
4-Oct-18	Vanguard Investments Australia Ltd.	SELL	5.11	Ordinary	(4,827)	(4,827)
4-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	48,936	48,936
4-Oct-18	Vanguard Investments Australia Ltd.	SELL	5.11	Ordinary	(158,657)	(158,657)
8-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.09	Ordinary	12,474	12,474
10-Oct-18	Vanguard Investments Australia Ltd.	SELL	5.06	Ordinary	(9,783)	(9,783)
10-Oct-18	Vanguard Investments Australia Ltd.	SELL	5.06	Ordinary	(14,015)	(14,015)
10-Oct-18	Vanguard Investments Australia Ltd.	SELL	5.06	Ordinary	(83,704)	(83,704)
11-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	16,272	16,272
15-Oct-18	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	73,101	73,101
16-Oct-18	Vanguard Investments Australia Ltd.	SELL	4.89	Ordinary	(10,286)	(10,286)
17-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	23,052	23,052
17-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	25,250	25,250
24-Oct-18	Vanguard Investments Australia Ltd.	SELL	5.17	Ordinary	(9,056)	(9,056)
24-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	16,272	16,272
25-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	31,592	31,592
25-Oct-18	Vanguard Investments Australia Ltd.	SELL	5.15	Ordinary	(11,731)	(11,731)
25-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	48,734	48,734
25-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	19,572	19,572
26-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.14	Ordinary	110,357	110,357
29-Oct-18	Vanguard Investments Australia Ltd.	SELL	5.19	Ordinary	(7,423)	(7,423)
29-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	61,208	61,208
31-Oct-18	Vanguard Investments Australia Ltd.	SELL	5.16	Ordinary	(67,757)	(67,757)
31-Oct-18	Vanguard Investments Australia Ltd.	SELL	5.16	Ordinary	(121,835)	(121,835)
31-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	23,840	23,840
31-Oct-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	4,470	4,470
1-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.10	Ordinary	(49,157)	(49,157)
1-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.10	Ordinary	(57,708)	(57,708)
1-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.10	Ordinary	2,980	2,980
2-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	48,668	48,668
2-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	73,002	73,002
2-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	18,993	18,993
5-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.09	Ordinary	(7,390)	(7,390)
5-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.09	Ordinary	39,936	39,936
6-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.16	Ordinary	53,156	53,156
9-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	48,686	48,686
12-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.29	Ordinary	(44,156)	(44,156)
12-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.29	Ordinary	(9,146)	(9,146)
12-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.29	Ordinary	18,993	18,993
14-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.26	Ordinary	(321,659)	(321,659)
15-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.26	Ordinary	(9,758)	(9,758)
15-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.26	Ordinary	(5,108)	(5,108)
19-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	31,378	31,378
19-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.29	Ordinary	(71,013)	(71,013)
20-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.25	Ordinary	(7,179)	(7,179)
20-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.25	Ordinary	(71,910)	(71,910)
22-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	21,574	21,574

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
23-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.34	Ordinary	(64,474)	(64,474)
23-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	44,219	44,219
26-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.35	Ordinary	(5,436)	(5,436)
27-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.35	Ordinary	(6,873)	(6,873)
29-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.38	Ordinary	(5,804)	(5,804)
29-Nov-18	Vanguard Investments Australia Ltd.	SELL	5.38	Ordinary	(143,644)	(143,644)
29-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.38	Ordinary	17,248	17,248
30-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	12,714	12,714
30-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	7,336	7,336
30-Nov-18	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	48,518	48,518
3-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.37	Ordinary	20,384	20,384
3-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.37	Ordinary	27,652	27,652
4-Dec-18	Vanguard Investments Australia Ltd.	SELL	5.41	Ordinary	(356,167)	(356,167)
4-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.41	Ordinary	332,136	332,136
5-Dec-18	Vanguard Investments Australia Ltd.	SELL	5.37	Ordinary	(1,172,165)	(1,172,165)
6-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.47	Ordinary	63,842	63,842
6-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.47	Ordinary	1,368,880	1,368,880
6-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.47	Ordinary	49,604	49,604
7-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.48	Ordinary	22,951	22,951
10-Dec-18	Vanguard Investments Australia Ltd.	SELL	5.41	Ordinary	(11,347)	(11,347)
11-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.47	Ordinary	31,760	31,760
11-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.47	Ordinary	19,056	19,056
12-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.56	Ordinary	1,279,465	1,279,465
14-Dec-18	Vanguard Investments Australia Ltd.	SELL	5.55	Ordinary	(9,528)	(9,528)
17-Dec-18	Vanguard Investments Australia Ltd.	SELL	5.64	Ordinary	(6,987)	(6,987)
18-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.55	Ordinary	74,445	74,445
20-Dec-18	Vanguard Investments Australia Ltd.	SELL	5.63	Ordinary	(10,228)	(10,228)
20-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.63	Ordinary	49,630	49,630
20-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.64	Ordinary	608,056	608,056
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	85,046	85,046
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	9,472	9,472
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	20,471	20,471
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	82,082	82,082
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.58	Ordinary	69,706	69,706
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	33,424	33,424
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	73,260	73,260
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.61	Ordinary	1,382,723	1,382,723
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	206,957	206,957

This is Annexure A of 19 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature



Date

27-Dec-18