

Form 604
Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme Shopping Centres Australasia Property Group

ACN/ARSN 158 809 851

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

14 August 2018

The previous notice was given to the company on 10 March 2016

The previous notice was dated 10 March 2016

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)	43,207,590	5.890%	44,899,053	5.984%
Ordinary (The Vanguard Group Inc.)	15,293,456	2.090%	22,591,308	3.011%
Total	58,501,046	7.980%	67,490,361	8.995%

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	JP Morgan 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 – 44,899,053	44,899,053
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 – 10,988,839	10,988,839
The Vanguard Group, Inc.	The Bank of New York Mellon Corporation	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 – 2,009,991	2,009,991
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 – 424,968	424,968
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 – 9,167,510	9,167,510

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.	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

Signature

print name Shawn Acker capacity Manager
sign here [Signature] date 17 August 2018

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 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.

Annexure A

To Company Shopping Centres Australasia Property Group
ACN/ARSN 158 809 851

Substantial Holder Name The Vanguard Group, Inc.
ACN/ARSN N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
9-Mar-16	The Vanguard Group, Inc.	BUY	2.27	Ordinary	11,736	11,736
10-Mar-16	The Vanguard Group, Inc.	SELL	2.23	Ordinary	(40,572)	(40,572)
10-Mar-16	The Vanguard Group, Inc.	BUY	2.23	Ordinary	24,776	24,776
11-Mar-16	The Vanguard Group, Inc.	BUY	2.24	Ordinary	1,492	1,492
17-Mar-16	The Vanguard Group, Inc.	BUY	2.27	Ordinary	1,956	1,956
17-Mar-16	The Vanguard Group, Inc.	SELL	2.25	Ordinary	(30,229)	(30,229)
18-Mar-16	The Vanguard Group, Inc.	SELL	2.26	Ordinary	(75,308)	(75,308)
18-Mar-16	The Vanguard Group, Inc.	SELL	2.29	Ordinary	(14,710)	(14,710)
24-Mar-16	The Vanguard Group, Inc.	BUY	2.25	Ordinary	58,299	58,299
29-Mar-16	The Vanguard Group, Inc.	BUY	2.26	Ordinary	127,806	127,806
29-Mar-16	The Vanguard Group, Inc.	BUY	2.28	Ordinary	3,260	3,260
30-Mar-16	The Vanguard Group, Inc.	BUY	2.27	Ordinary	73,950	73,950
31-Mar-16	The Vanguard Group, Inc.	BUY	2.29	Ordinary	1,284	1,284
31-Mar-16	The Vanguard Group, Inc.	BUY	2.29	Ordinary	93,929	93,929
5-Apr-16	The Vanguard Group, Inc.	BUY	2.22	Ordinary	46,920	46,920
8-Apr-16	The Vanguard Group, Inc.	BUY	2.21	Ordinary	70,380	70,380
13-Apr-16	The Vanguard Group, Inc.	BUY	2.25	Ordinary	3,912	3,912
19-Apr-16	The Vanguard Group, Inc.	BUY	2.30	Ordinary	7,824	7,824
27-Apr-16	The Vanguard Group, Inc.	BUY	2.30	Ordinary	4,140	4,140
28-Apr-16	The Vanguard Group, Inc.	SELL	2.32	Ordinary	(8,726)	(8,726)
28-Apr-16	The Vanguard Group, Inc.	BUY	2.32	Ordinary	1,492	1,492
2-May-16	The Vanguard Group, Inc.	BUY	2.34	Ordinary	28,152	28,152
5-May-16	The Vanguard Group, Inc.	SELL	2.36	Ordinary	(1,656)	(1,656)
6-May-16	The Vanguard Group, Inc.	BUY	2.38	Ordinary	1,699	1,699
6-May-16	The Vanguard Group, Inc.	SELL	2.39	Ordinary	(4,968)	(4,968)
6-May-16	The Vanguard Group, Inc.	SELL	2.38	Ordinary	(4,363)	(4,363)
9-May-16	The Vanguard Group, Inc.	BUY	2.38	Ordinary	9,384	9,384
9-May-16	The Vanguard Group, Inc.	SELL	2.38	Ordinary	(13,089)	(13,089)
10-May-16	The Vanguard Group, Inc.	BUY	2.38	Ordinary	1,666	1,666
18-May-16	The Vanguard Group, Inc.	BUY	2.28	Ordinary	38,353	38,353
19-May-16	The Vanguard Group, Inc.	BUY	2.28	Ordinary	73,405	73,405
23-May-16	The Vanguard Group, Inc.	BUY	2.28	Ordinary	9,384	9,384
24-May-16	The Vanguard Group, Inc.	BUY	2.30	Ordinary	4,564	4,564
24-May-16	The Vanguard Group, Inc.	BUY	2.30	Ordinary	2,608	2,608
25-May-16	The Vanguard Group, Inc.	SELL	2.31	Ordinary	(73,548)	(73,548)
1-Jun-16	The Vanguard Group, Inc.	BUY	2.27	Ordinary	9,384	9,384
2-Jun-16	The Vanguard Group, Inc.	BUY	2.27	Ordinary	135,228	135,228
2-Jun-16	The Vanguard Group, Inc.	BUY	2.28	Ordinary	23,460	23,460
3-Jun-16	The Vanguard Group, Inc.	BUY	2.28	Ordinary	79,898	79,898
6-Jun-16	The Vanguard Group, Inc.	BUY	2.33	Ordinary	18,256	18,256
8-Jun-16	The Vanguard Group, Inc.	BUY	2.36	Ordinary	9,128	9,128
8-Jun-16	The Vanguard Group, Inc.	BUY	2.34	Ordinary	2,213	2,213
10-Jun-16	The Vanguard Group, Inc.	SELL	2.35	Ordinary	(7,452)	(7,452)
14-Jun-16	The Vanguard Group, Inc.	BUY	2.34	Ordinary	3,246	3,246
14-Jun-16	The Vanguard Group, Inc.	BUY	2.34	Ordinary	3,572	3,572
16-Jun-16	The Vanguard Group, Inc.	BUY	2.32	Ordinary	5,868	5,868
16-Jun-16	The Vanguard Group, Inc.	SELL	2.31	Ordinary	(8,726)	(8,726)
21-Jun-16	The Vanguard Group, Inc.	BUY	2.31	Ordinary	4,363	4,363
22-Jun-16	The Vanguard Group, Inc.	BUY	2.33	Ordinary	3,260	3,260
28-Jun-16	The Vanguard Group, Inc.	BUY	2.30	Ordinary	18,768	18,768
29-Jun-16	The Vanguard Group, Inc.	BUY	2.28	Ordinary	6,520	6,520
1-Jul-16	The Vanguard Group, Inc.	BUY	2.29	Ordinary	4,363	4,363
5-Jul-16	The Vanguard Group, Inc.	BUY	2.29	Ordinary	5,216	5,216
7-Jul-16	The Vanguard Group, Inc.	BUY	2.34	Ordinary	103,871	103,871
8-Jul-16	The Vanguard Group, Inc.	BUY	2.37	Ordinary	51,191	51,191
12-Jul-16	The Vanguard Group, Inc.	SELL	2.42	Ordinary	(1,320)	(1,320)
12-Jul-16	The Vanguard Group, Inc.	BUY	2.41	Ordinary	4,140	4,140
12-Jul-16	The Vanguard Group, Inc.	SELL	2.42	Ordinary	(1,687)	(1,687)
15-Jul-16	The Vanguard Group, Inc.	BUY	2.38	Ordinary	3,912	3,912
18-Jul-16	The Vanguard Group, Inc.	BUY	2.40	Ordinary	3,312	3,312

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
19-Jul-16	The Vanguard Group, Inc.	BUY	2.42	Ordinary	1,492	1,492
22-Jul-16	The Vanguard Group, Inc.	BUY	2.38	Ordinary	1,656	1,656
22-Jul-16	The Vanguard Group, Inc.	BUY	2.38	Ordinary	7,824	7,824
27-Jul-16	The Vanguard Group, Inc.	BUY	2.37	Ordinary	9,128	9,128
4-Aug-16	The Vanguard Group, Inc.	BUY	2.31	Ordinary	5,216	5,216
4-Aug-16	The Vanguard Group, Inc.	BUY	2.31	Ordinary	5,216	5,216
11-Aug-16	The Vanguard Group, Inc.	BUY	2.27	Ordinary	1,492	1,492
12-Aug-16	The Vanguard Group, Inc.	BUY	2.27	Ordinary	56,806	56,806
15-Aug-16	The Vanguard Group, Inc.	BUY	2.31	Ordinary	4,564	4,564
16-Aug-16	The Vanguard Group, Inc.	BUY	2.29	Ordinary	10,432	10,432
19-Aug-16	The Vanguard Group, Inc.	BUY	2.25	Ordinary	1,656	1,656
19-Aug-16	The Vanguard Group, Inc.	BUY	2.25	Ordinary	1,656	1,656
19-Aug-16	The Vanguard Group, Inc.	BUY	2.25	Ordinary	51,612	51,612
22-Aug-16	The Vanguard Group, Inc.	BUY	2.26	Ordinary	1,834	1,834
23-Aug-16	The Vanguard Group, Inc.	BUY	2.28	Ordinary	828	828
24-Aug-16	The Vanguard Group, Inc.	BUY	2.30	Ordinary	2,057	2,057
25-Aug-16	The Vanguard Group, Inc.	BUY	2.32	Ordinary	9,384	9,384
1-Sep-16	The Vanguard Group, Inc.	BUY	2.31	Ordinary	1,492	1,492
2-Sep-16	The Vanguard Group, Inc.	BUY	2.31	Ordinary	3,912	3,912
6-Sep-16	The Vanguard Group, Inc.	BUY	2.31	Ordinary	8,638	8,638
8-Sep-16	The Vanguard Group, Inc.	BUY	2.26	Ordinary	1,656	1,656
9-Sep-16	The Vanguard Group, Inc.	BUY	2.23	Ordinary	6,390	6,390
9-Sep-16	The Vanguard Group, Inc.	SELL	2.23	Ordinary	(6,390)	(6,390)
9-Sep-16	The Vanguard Group, Inc.	BUY	2.23	Ordinary	1,492	1,492
16-Sep-16	The Vanguard Group, Inc.	SELL	2.17	Ordinary	(105,051)	(105,051)
20-Sep-16	The Vanguard Group, Inc.	BUY	2.18	Ordinary	3,912	3,912
20-Sep-16	The Vanguard Group, Inc.	BUY	2.18	Ordinary	1,492	1,492
21-Sep-16	The Vanguard Group, Inc.	BUY	2.21	Ordinary	6,520	6,520
23-Sep-16	The Vanguard Group, Inc.	BUY	2.19	Ordinary	8,856	8,856
23-Sep-16	The Vanguard Group, Inc.	BUY	2.18	Ordinary	14,076	14,076
23-Sep-16	The Vanguard Group, Inc.	SELL	2.19	Ordinary	(8,856)	(8,856)
27-Sep-16	The Vanguard Group, Inc.	BUY	2.23	Ordinary	4,564	4,564
27-Sep-16	The Vanguard Group, Inc.	BUY	2.23	Ordinary	23,460	23,460
3-Oct-16	The Vanguard Group, Inc.	BUY	2.26	Ordinary	991	991
3-Oct-16	The Vanguard Group, Inc.	BUY	2.26	Ordinary	6,520	6,520
11-Oct-16	The Vanguard Group, Inc.	BUY	2.17	Ordinary	90,095	90,095
12-Oct-16	The Vanguard Group, Inc.	BUY	2.21	Ordinary	212,348	212,348
13-Oct-16	The Vanguard Group, Inc.	BUY	2.26	Ordinary	5,796	5,796
13-Oct-16	The Vanguard Group, Inc.	BUY	2.26	Ordinary	3,312	3,312
18-Oct-16	The Vanguard Group, Inc.	BUY	2.22	Ordinary	8,280	8,280
18-Oct-16	The Vanguard Group, Inc.	BUY	2.22	Ordinary	4,564	4,564
19-Oct-16	The Vanguard Group, Inc.	BUY	2.25	Ordinary	2,484	2,484
21-Oct-16	The Vanguard Group, Inc.	BUY	2.24	Ordinary	6,520	6,520
25-Oct-16	The Vanguard Group, Inc.	BUY	2.23	Ordinary	11,084	11,084
27-Oct-16	The Vanguard Group, Inc.	BUY	2.17	Ordinary	6,520	6,520
31-Oct-16	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(14,996)	(14,996)
3-Nov-16	The Vanguard Group, Inc.	BUY	2.16	Ordinary	23,460	23,460
4-Nov-16	The Vanguard Group, Inc.	BUY	2.12	Ordinary	5,216	5,216
4-Nov-16	The Vanguard Group, Inc.	BUY	2.12	Ordinary	14,076	14,076
7-Nov-16	The Vanguard Group, Inc.	BUY	2.18	Ordinary	4,363	4,363
7-Nov-16	The Vanguard Group, Inc.	BUY	2.18	Ordinary	4,363	4,363
8-Nov-16	The Vanguard Group, Inc.	BUY	2.20	Ordinary	1,012	1,012
10-Nov-16	The Vanguard Group, Inc.	BUY	2.12	Ordinary	23,460	23,460
14-Nov-16	The Vanguard Group, Inc.	BUY	2.09	Ordinary	4,363	4,363
15-Nov-16	The Vanguard Group, Inc.	BUY	2.08	Ordinary	4,363	4,363
16-Nov-16	The Vanguard Group, Inc.	SELL	2.07	Ordinary	(178,296)	(178,296)
17-Nov-16	The Vanguard Group, Inc.	SELL	2.10	Ordinary	(14,076)	(14,076)
21-Nov-16	The Vanguard Group, Inc.	BUY	2.10	Ordinary	7,824	7,824
21-Nov-16	The Vanguard Group, Inc.	BUY	2.10	Ordinary	5,216	5,216
21-Nov-16	The Vanguard Group, Inc.	SELL	2.10	Ordinary	(28,152)	(28,152)
21-Nov-16	The Vanguard Group, Inc.	BUY	2.10	Ordinary	1,492	1,492
23-Nov-16	The Vanguard Group, Inc.	BUY	2.14	Ordinary	6,520	6,520
30-Nov-16	The Vanguard Group, Inc.	SELL	2.12	Ordinary	(14,076)	(14,076)
30-Nov-16	The Vanguard Group, Inc.	BUY	2.12	Ordinary	1,492	1,492
1-Dec-16	The Vanguard Group, Inc.	BUY	2.13	Ordinary	10,355	10,355
2-Dec-16	The Vanguard Group, Inc.	SELL	2.08	Ordinary	(925)	(925)
6-Dec-16	The Vanguard Group, Inc.	BUY	2.11	Ordinary	3,912	3,912
7-Dec-16	The Vanguard Group, Inc.	BUY	2.11	Ordinary	1,578	1,578

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
8-Dec-16	The Vanguard Group, Inc.	BUY	2.11	Ordinary	6,520	6,520
8-Dec-16	The Vanguard Group, Inc.	BUY	2.11	Ordinary	6,520	6,520
13-Dec-16	The Vanguard Group, Inc.	BUY	2.15	Ordinary	6,520	6,520
14-Dec-16	The Vanguard Group, Inc.	BUY	2.18	Ordinary	5,216	5,216
14-Dec-16	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(9,384)	(9,384)
16-Dec-16	The Vanguard Group, Inc.	BUY	2.19	Ordinary	9,780	9,780
16-Dec-16	The Vanguard Group, Inc.	BUY	2.19	Ordinary	4,564	4,564
19-Dec-16	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(14,076)	(14,076)
20-Dec-16	The Vanguard Group, Inc.	BUY	2.20	Ordinary	8,790	8,790
21-Dec-16	The Vanguard Group, Inc.	BUY	2.21	Ordinary	21,096	21,096
21-Dec-16	The Vanguard Group, Inc.	BUY	2.21	Ordinary	71,370	71,370
21-Dec-16	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(79,764)	(79,764)
22-Dec-16	The Vanguard Group, Inc.	BUY	2.22	Ordinary	3,516	3,516
22-Dec-16	The Vanguard Group, Inc.	BUY	2.22	Ordinary	21,096	21,096
22-Dec-16	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(14,076)	(14,076)
22-Dec-16	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(8,726)	(8,726)
23-Dec-16	The Vanguard Group, Inc.	BUY	2.24	Ordinary	7,032	7,032
27-Dec-16	The Vanguard Group, Inc.	BUY	2.24	Ordinary	17,580	17,580
30-Dec-16	The Vanguard Group, Inc.	BUY	2.21	Ordinary	7,032	7,032
3-Jan-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	12,306	12,306
4-Jan-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	348,884	348,884
4-Jan-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	17,580	17,580
5-Jan-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	10,548	10,548
5-Jan-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	42,228	42,228
5-Jan-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	4,363	4,363
6-Jan-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	93,840	93,840
9-Jan-17	The Vanguard Group, Inc.	BUY	2.23	Ordinary	21,096	21,096
10-Jan-17	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(2,252)	(2,252)
10-Jan-17	The Vanguard Group, Inc.	SELL	2.22	Ordinary	(4,431)	(4,431)
12-Jan-17	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(107,916)	(107,916)
12-Jan-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	1,492	1,492
13-Jan-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	5,274	5,274
13-Jan-17	The Vanguard Group, Inc.	SELL	2.19	Ordinary	(23,460)	(23,460)
13-Jan-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	9,250	9,250
17-Jan-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	12,306	12,306
17-Jan-17	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(28,152)	(28,152)
23-Jan-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	38,626	38,626
3-Feb-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	3,825	3,825
3-Feb-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	17,580	17,580
3-Feb-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	17,580	17,580
6-Feb-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	23,460	23,460
7-Feb-17	The Vanguard Group, Inc.	BUY	2.24	Ordinary	18,768	18,768
8-Feb-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	12,306	12,306
8-Feb-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	17,580	17,580
9-Feb-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	6,091	6,091
9-Feb-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	10,200	10,200
10-Feb-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	7,650	7,650
10-Feb-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	21,096	21,096
15-Feb-17	The Vanguard Group, Inc.	BUY	2.23	Ordinary	3,825	3,825
15-Feb-17	The Vanguard Group, Inc.	BUY	2.23	Ordinary	3,516	3,516
16-Feb-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	46,920	46,920
17-Feb-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	28,152	28,152
22-Feb-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	17,580	17,580
22-Feb-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	23,460	23,460
22-Feb-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	51,612	51,612
23-Feb-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	32,844	32,844
24-Feb-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	10,548	10,548
24-Feb-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	18,768	18,768
24-Feb-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	24,612	24,612
3-Mar-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	23,460	23,460
6-Mar-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	2,794	2,794
7-Mar-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	6,375	6,375
8-Mar-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	7,650	7,650
8-Mar-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	8,790	8,790
9-Mar-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	17,580	17,580
9-Mar-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	51,612	51,612
9-Mar-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	1,492	1,492
10-Mar-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	17,580	17,580

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
10-Mar-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	5,274	5,274
13-Mar-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	21,096	21,096
13-Mar-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	17,580	17,580
14-Mar-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	17,580	17,580
14-Mar-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	15,822	15,822
15-Mar-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	7,650	7,650
15-Mar-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	1,492	1,492
20-Mar-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	10,548	10,548
20-Mar-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	7,852	7,852
20-Mar-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	11,778	11,778
21-Mar-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	19,630	19,630
29-Mar-17	The Vanguard Group, Inc.	BUY	2.26	Ordinary	1,492	1,492
30-Mar-17	The Vanguard Group, Inc.	BUY	2.28	Ordinary	4,363	4,363
31-Mar-17	The Vanguard Group, Inc.	BUY	2.24	Ordinary	4,363	4,363
3-Apr-17	The Vanguard Group, Inc.	BUY	2.26	Ordinary	1,236	1,236
4-Apr-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	169,473	169,473
4-Apr-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	19,630	19,630
4-Apr-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	11,778	11,778
4-Apr-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	49,808	49,808
5-Apr-17	The Vanguard Group, Inc.	BUY	2.28	Ordinary	172,603	172,603
5-Apr-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	27,482	27,482
5-Apr-17	The Vanguard Group, Inc.	BUY	2.28	Ordinary	3,127	3,127
6-Apr-17	The Vanguard Group, Inc.	BUY	2.28	Ordinary	3,708	3,708
6-Apr-17	The Vanguard Group, Inc.	BUY	2.28	Ordinary	117,264	117,264
7-Apr-17	The Vanguard Group, Inc.	BUY	2.29	Ordinary	4,363	4,363
11-Apr-17	The Vanguard Group, Inc.	BUY	2.31	Ordinary	1,032	1,032
12-Apr-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	3,708	3,708
12-Apr-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	7,852	7,852
12-Apr-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	9,815	9,815
12-Apr-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	12,336	12,336
19-Apr-17	The Vanguard Group, Inc.	BUY	2.29	Ordinary	39,260	39,260
20-Apr-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	4,363	4,363
21-Apr-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	11,778	11,778
21-Apr-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	36,224	36,224
21-Apr-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	22,640	22,640
24-Apr-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	49,808	49,808
24-Apr-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	13,584	13,584
25-Apr-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	19,630	19,630
25-Apr-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	7,852	7,852
26-Apr-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	84,070	84,070
26-Apr-17	The Vanguard Group, Inc.	BUY	2.34	Ordinary	13,089	13,089
1-May-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	10,487	10,487
2-May-17	The Vanguard Group, Inc.	BUY	2.36	Ordinary	39,260	39,260
5-May-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	3,926	3,926
8-May-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	11,124	11,124
8-May-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	1,492	1,492
10-May-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	8,652	8,652
10-May-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	35,334	35,334
10-May-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	22,640	22,640
15-May-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	27,168	27,168
16-May-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	3,926	3,926
16-May-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	19,630	19,630
16-May-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	11,778	11,778
17-May-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	23,556	23,556
18-May-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	11,778	11,778
18-May-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	18,112	18,112
24-May-17	The Vanguard Group, Inc.	BUY	2.31	Ordinary	4,944	4,944
24-May-17	The Vanguard Group, Inc.	BUY	2.31	Ordinary	1,492	1,492
26-May-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	19,630	19,630
31-May-17	The Vanguard Group, Inc.	BUY	2.31	Ordinary	1,963	1,963
1-Jun-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	27,482	27,482
2-Jun-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	3,708	3,708
2-Jun-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	4,944	4,944
2-Jun-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	9,888	9,888
5-Jun-17	The Vanguard Group, Inc.	BUY	2.38	Ordinary	4,944	4,944
5-Jun-17	The Vanguard Group, Inc.	BUY	2.38	Ordinary	9,056	9,056
6-Jun-17	The Vanguard Group, Inc.	BUY	2.38	Ordinary	18,112	18,112
7-Jun-17	The Vanguard Group, Inc.	BUY	2.34	Ordinary	1,492	1,492

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
9-Jun-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	6,180	6,180
9-Jun-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	215,856	215,856
9-Jun-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	43,186	43,186
12-Jun-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	3,708	3,708
12-Jun-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	8,652	8,652
12-Jun-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	27,168	27,168
16-Jun-17	The Vanguard Group, Inc.	SELL	2.40	Ordinary	(37,303)	(37,303)
16-Jun-17	The Vanguard Group, Inc.	SELL	2.40	Ordinary	(5,709)	(5,709)
16-Jun-17	The Vanguard Group, Inc.	BUY	2.40	Ordinary	7,852	7,852
16-Jun-17	The Vanguard Group, Inc.	SELL	2.40	Ordinary	(18,061)	(18,061)
16-Jun-17	The Vanguard Group, Inc.	BUY	2.40	Ordinary	3,418	3,418
16-Jun-17	The Vanguard Group, Inc.	BUY	2.40	Ordinary	2,322	2,322
19-Jun-17	The Vanguard Group, Inc.	BUY	2.44	Ordinary	4,944	4,944
19-Jun-17	The Vanguard Group, Inc.	BUY	2.44	Ordinary	27,482	27,482
20-Jun-17	The Vanguard Group, Inc.	BUY	2.41	Ordinary	1,492	1,492
22-Jun-17	The Vanguard Group, Inc.	BUY	2.34	Ordinary	9,815	9,815
23-Jun-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	4,363	4,363
27-Jun-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	7,852	7,852
28-Jun-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	35,334	35,334
28-Jun-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	11,778	11,778
28-Jun-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	35,334	35,334
29-Jun-17	The Vanguard Group, Inc.	BUY	2.25	Ordinary	49,808	49,808
3-Jul-17	The Vanguard Group, Inc.	BUY	2.16	Ordinary	11,778	11,778
4-Jul-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	4,476	4,476
10-Jul-17	The Vanguard Group, Inc.	BUY	2.15	Ordinary	1,492	1,492
11-Jul-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	2,702	2,702
11-Jul-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	11,778	11,778
12-Jul-17	The Vanguard Group, Inc.	BUY	2.11	Ordinary	9,457	9,457
12-Jul-17	The Vanguard Group, Inc.	BUY	2.11	Ordinary	18,112	18,112
13-Jul-17	The Vanguard Group, Inc.	BUY	2.10	Ordinary	1,492	1,492
14-Jul-17	The Vanguard Group, Inc.	BUY	2.13	Ordinary	39,260	39,260
14-Jul-17	The Vanguard Group, Inc.	BUY	2.13	Ordinary	11,778	11,778
17-Jul-17	The Vanguard Group, Inc.	BUY	2.14	Ordinary	5,404	5,404
25-Jul-17	The Vanguard Group, Inc.	BUY	2.16	Ordinary	17,667	17,667
26-Jul-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	27,168	27,168
27-Jul-17	The Vanguard Group, Inc.	BUY	2.18	Ordinary	23,556	23,556
28-Jul-17	The Vanguard Group, Inc.	BUY	2.16	Ordinary	11,778	11,778
1-Aug-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	47,112	47,112
1-Aug-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	11,778	11,778
2-Aug-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	12,159	12,159
2-Aug-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	9,056	9,056
2-Aug-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	1,492	1,492
3-Aug-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	27,168	27,168
3-Aug-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	69,613	69,613
3-Aug-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	4,363	4,363
4-Aug-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	13,584	13,584
8-Aug-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	15,704	15,704
9-Aug-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	11,778	11,778
14-Aug-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	4,053	4,053
14-Aug-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	22,640	22,640
15-Aug-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	4,363	4,363
16-Aug-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	8,106	8,106
16-Aug-17	The Vanguard Group, Inc.	BUY	2.19	Ordinary	1,492	1,492
17-Aug-17	The Vanguard Group, Inc.	BUY	2.17	Ordinary	31,408	31,408
18-Aug-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	11,778	11,778
18-Aug-17	The Vanguard Group, Inc.	BUY	2.21	Ordinary	11,778	11,778
21-Aug-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	27,168	27,168
23-Aug-17	The Vanguard Group, Inc.	BUY	2.23	Ordinary	25,519	25,519
25-Aug-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	5,404	5,404
29-Aug-17	The Vanguard Group, Inc.	BUY	2.20	Ordinary	27,168	27,168
30-Aug-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	15,704	15,704
31-Aug-17	The Vanguard Group, Inc.	BUY	2.23	Ordinary	9,056	9,056
1-Sep-17	The Vanguard Group, Inc.	BUY	2.23	Ordinary	4,053	4,053
5-Sep-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	23,556	23,556
5-Sep-17	The Vanguard Group, Inc.	BUY	2.22	Ordinary	13,584	13,584
6-Sep-17	The Vanguard Group, Inc.	BUY	2.25	Ordinary	13,510	13,510
6-Sep-17	The Vanguard Group, Inc.	BUY	2.25	Ordinary	2,702	2,702
7-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	783	783

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
7-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	1,492	1,492
14-Sep-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	4,528	4,528
15-Sep-17	The Vanguard Group, Inc.	SELL	2.28	Ordinary	(527,793)	(527,793)
15-Sep-17	The Vanguard Group, Inc.	SELL	2.28	Ordinary	(27,346)	(27,346)
25-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	21,593	21,593
25-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	11,778	11,778
25-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	34,272	34,272
26-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	13,741	13,741
26-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	4,363	4,363
27-Sep-17	The Vanguard Group, Inc.	SELL	2.27	Ordinary	(3,478)	(3,478)
27-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	3,478	3,478
27-Sep-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	8,568	8,568
27-Sep-17	The Vanguard Group, Inc.	SELL	2.27	Ordinary	(8,726)	(8,726)
2-Oct-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	27,482	27,482
2-Oct-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	13,741	13,741
2-Oct-17	The Vanguard Group, Inc.	BUY	2.30	Ordinary	12,852	12,852
4-Oct-17	The Vanguard Group, Inc.	BUY	2.26	Ordinary	25,519	25,519
4-Oct-17	The Vanguard Group, Inc.	BUY	2.26	Ordinary	15,704	15,704
6-Oct-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	6,755	6,755
6-Oct-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	11,778	11,778
6-Oct-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	13,089	13,089
6-Oct-17	The Vanguard Group, Inc.	BUY	2.27	Ordinary	4,431	4,431
9-Oct-17	The Vanguard Group, Inc.	BUY	2.29	Ordinary	11,778	11,778
11-Oct-17	The Vanguard Group, Inc.	BUY	2.31	Ordinary	4,363	4,363
12-Oct-17	The Vanguard Group, Inc.	BUY	2.31	Ordinary	34,272	34,272
19-Oct-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	27,482	27,482
20-Oct-17	The Vanguard Group, Inc.	BUY	2.34	Ordinary	34,272	34,272
25-Oct-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	1,492	1,492
26-Oct-17	The Vanguard Group, Inc.	BUY	2.34	Ordinary	15,704	15,704
31-Oct-17	The Vanguard Group, Inc.	BUY	2.36	Ordinary	25,704	25,704
31-Oct-17	The Vanguard Group, Inc.	BUY	2.36	Ordinary	8,568	8,568
1-Nov-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	867	867
2-Nov-17	The Vanguard Group, Inc.	BUY	2.34	Ordinary	9,815	9,815
2-Nov-17	The Vanguard Group, Inc.	BUY	2.34	Ordinary	17,136	17,136
3-Nov-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	15,704	15,704
3-Nov-17	The Vanguard Group, Inc.	BUY	2.33	Ordinary	25,704	25,704
6-Nov-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	11,778	11,778
9-Nov-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	6,755	6,755
10-Nov-17	The Vanguard Group, Inc.	BUY	2.36	Ordinary	14,861	14,861
13-Nov-17	The Vanguard Group, Inc.	BUY	2.37	Ordinary	34,272	34,272
15-Nov-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	4,053	4,053
15-Nov-17	The Vanguard Group, Inc.	BUY	2.32	Ordinary	17,136	17,136
16-Nov-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	8,106	8,106
17-Nov-17	The Vanguard Group, Inc.	BUY	2.34	Ordinary	42,840	42,840
21-Nov-17	The Vanguard Group, Inc.	BUY	2.35	Ordinary	168,031	168,031
24-Nov-17	The Vanguard Group, Inc.	BUY	2.37	Ordinary	34,272	34,272
28-Nov-17	The Vanguard Group, Inc.	BUY	2.38	Ordinary	34,904	34,904
30-Nov-17	The Vanguard Group, Inc.	BUY	2.41	Ordinary	941	941
5-Dec-17	The Vanguard Group, Inc.	SELL	2.40	Ordinary	(4,435)	(4,435)
6-Dec-17	The Vanguard Group, Inc.	BUY	2.41	Ordinary	9,815	9,815
8-Dec-17	The Vanguard Group, Inc.	BUY	2.42	Ordinary	13,221	13,221
8-Dec-17	The Vanguard Group, Inc.	BUY	2.42	Ordinary	39,663	39,663
14-Dec-17	The Vanguard Group, Inc.	BUY	2.41	Ordinary	23,556	23,556
15-Dec-17	The Vanguard Group, Inc.	BUY	2.41	Ordinary	4,728	4,728
15-Dec-17	The Vanguard Group, Inc.	BUY	2.42	Ordinary	7,852	7,852
15-Dec-17	The Vanguard Group, Inc.	SELL	2.41	Ordinary	(150,233)	(150,233)
15-Dec-17	The Vanguard Group, Inc.	SELL	2.41	Ordinary	(83,173)	(83,173)
15-Dec-17	The Vanguard Group, Inc.	SELL	2.41	Ordinary	(17,330)	(17,330)
18-Dec-17	The Vanguard Group, Inc.	BUY	2.43	Ordinary	1,002	1,002
20-Dec-17	The Vanguard Group, Inc.	SELL	2.40	Ordinary	(7,778)	(7,778)
21-Dec-17	The Vanguard Group, Inc.	SELL	2.39	Ordinary	(5,224)	(5,224)
21-Dec-17	The Vanguard Group, Inc.	SELL	2.39	Ordinary	(4,299)	(4,299)
28-Dec-17	The Vanguard Group, Inc.	BUY	2.34	Ordinary	4,403	4,403
29-Dec-17	The Vanguard Group, Inc.	SELL	2.32	Ordinary	(7,836)	(7,836)
8-Jan-18	The Vanguard Group, Inc.	BUY	2.31	Ordinary	29,911	29,911
9-Jan-18	The Vanguard Group, Inc.	BUY	2.31	Ordinary	202,971	202,971
18-Jan-18	The Vanguard Group, Inc.	BUY	2.25	Ordinary	38,457	38,457
19-Jan-18	The Vanguard Group, Inc.	BUY	2.26	Ordinary	17,092	17,092

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
23-Jan-18	The Vanguard Group, Inc.	BUY	2.24	Ordinary	25,638	25,638
24-Jan-18	The Vanguard Group, Inc.	BUY	2.24	Ordinary	8,546	8,546
26-Jan-18	The Vanguard Group, Inc.	BUY	2.25	Ordinary	34,184	34,184
29-Jan-18	The Vanguard Group, Inc.	BUY	2.23	Ordinary	1,445	1,445
31-Jan-18	The Vanguard Group, Inc.	BUY	2.24	Ordinary	56,170	56,170
2-Feb-18	The Vanguard Group, Inc.	BUY	2.20	Ordinary	34,184	34,184
5-Feb-18	The Vanguard Group, Inc.	SELL	2.17	Ordinary	(5,224)	(5,224)
5-Feb-18	The Vanguard Group, Inc.	SELL	2.17	Ordinary	(6,530)	(6,530)
5-Feb-18	The Vanguard Group, Inc.	BUY	2.17	Ordinary	17,092	17,092
8-Feb-18	The Vanguard Group, Inc.	SELL	2.16	Ordinary	(2,612)	(2,612)
13-Feb-18	The Vanguard Group, Inc.	BUY	2.20	Ordinary	4,735	4,735
20-Feb-18	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(13,060)	(13,060)
20-Feb-18	The Vanguard Group, Inc.	BUY	2.21	Ordinary	12,819	12,819
21-Feb-18	The Vanguard Group, Inc.	SELL	2.23	Ordinary	(6,530)	(6,530)
21-Feb-18	The Vanguard Group, Inc.	SELL	2.23	Ordinary	(5,224)	(5,224)
22-Feb-18	The Vanguard Group, Inc.	SELL	2.24	Ordinary	(21,998)	(21,998)
23-Feb-18	The Vanguard Group, Inc.	BUY	2.24	Ordinary	1,492	1,492
26-Feb-18	The Vanguard Group, Inc.	BUY	2.25	Ordinary	8,440	8,440
26-Feb-18	The Vanguard Group, Inc.	BUY	2.24	Ordinary	1,492	1,492
27-Feb-18	The Vanguard Group, Inc.	SELL	2.25	Ordinary	(13,060)	(13,060)
28-Feb-18	The Vanguard Group, Inc.	BUY	2.24	Ordinary	235,802	235,802
1-Mar-18	The Vanguard Group, Inc.	SELL	2.23	Ordinary	(14,366)	(14,366)
5-Mar-18	The Vanguard Group, Inc.	SELL	2.26	Ordinary	(38,457)	(38,457)
9-Mar-18	The Vanguard Group, Inc.	BUY	2.29	Ordinary	1,501	1,501
12-Mar-18	The Vanguard Group, Inc.	SELL	2.28	Ordinary	(6,530)	(6,530)
13-Mar-18	The Vanguard Group, Inc.	BUY	2.30	Ordinary	198,639	198,639
15-Mar-18	The Vanguard Group, Inc.	BUY	2.32	Ordinary	17,092	17,092
15-Mar-18	The Vanguard Group, Inc.	BUY	2.23	Ordinary	13,129	13,129
16-Mar-18	The Vanguard Group, Inc.	BUY	2.33	Ordinary	2,229	2,229
16-Mar-18	The Vanguard Group, Inc.	SELL	2.33	Ordinary	(45,168)	(45,168)
16-Mar-18	The Vanguard Group, Inc.	SELL	2.33	Ordinary	(9,142)	(9,142)
22-Mar-18	The Vanguard Group, Inc.	SELL	2.34	Ordinary	(546)	(546)
23-Mar-18	The Vanguard Group, Inc.	BUY	2.30	Ordinary	12,525	12,525
4-Apr-18	The Vanguard Group, Inc.	BUY	2.31	Ordinary	30,541	30,541
5-Apr-18	The Vanguard Group, Inc.	SELL	2.32	Ordinary	(3,639)	(3,639)
10-Apr-18	The Vanguard Group, Inc.	BUY	2.35	Ordinary	29,225	29,225
12-Apr-18	The Vanguard Group, Inc.	BUY	2.31	Ordinary	12,525	12,525
16-Apr-18	The Vanguard Group, Inc.	BUY	2.31	Ordinary	29,225	29,225
26-Apr-18	The Vanguard Group, Inc.	BUY	2.34	Ordinary	48,784	48,784
26-Apr-18	The Vanguard Group, Inc.	BUY	2.34	Ordinary	57,441	57,441
1-May-18	The Vanguard Group, Inc.	SELL	2.40	Ordinary	(3,639)	(3,639)
2-May-18	The Vanguard Group, Inc.	BUY	2.40	Ordinary	16,700	16,700
2-May-18	The Vanguard Group, Inc.	BUY	2.40	Ordinary	29,225	29,225
7-May-18	The Vanguard Group, Inc.	BUY	2.42	Ordinary	18,294	18,294
7-May-18	The Vanguard Group, Inc.	BUY	2.42	Ordinary	4,363	4,363
9-May-18	The Vanguard Group, Inc.	BUY	2.43	Ordinary	45,735	45,735
14-May-18	The Vanguard Group, Inc.	BUY	2.39	Ordinary	5,175	5,175
15-May-18	The Vanguard Group, Inc.	BUY	2.37	Ordinary	36,588	36,588
15-May-18	The Vanguard Group, Inc.	BUY	2.38	Ordinary	8,726	8,726
18-May-18	The Vanguard Group, Inc.	BUY	2.34	Ordinary	71,182	71,182
22-May-18	The Vanguard Group, Inc.	BUY	2.35	Ordinary	21,343	21,343
24-May-18	The Vanguard Group, Inc.	SELL	2.42	Ordinary	(2,426)	(2,426)
25-May-18	The Vanguard Group, Inc.	BUY	2.43	Ordinary	9,147	9,147
1-Jun-18	The Vanguard Group, Inc.	BUY	2.44	Ordinary	15,245	15,245
5-Jun-18	The Vanguard Group, Inc.	BUY	2.44	Ordinary	12,525	12,525
6-Jun-18	The Vanguard Group, Inc.	BUY	2.45	Ordinary	275,289	275,289
18-Jun-18	The Vanguard Group, Inc.	BUY	2.50	Ordinary	63,150	63,150
18-Jun-18	The Vanguard Group, Inc.	BUY	2.50	Ordinary	12,630	12,630
9-Jul-18	The Vanguard Group, Inc.	BUY	2.49	Ordinary	12,564	12,564
10-Jul-18	The Vanguard Group, Inc.	BUY	2.49	Ordinary	394,698	394,698
12-Jul-18	The Vanguard Group, Inc.	SELL	2.50	Ordinary	(1,332)	(1,332)
18-Jul-18	The Vanguard Group, Inc.	SELL	2.45	Ordinary	(25,128)	(25,128)
19-Jul-18	The Vanguard Group, Inc.	BUY	2.42	Ordinary	4,177	4,177
20-Jul-18	The Vanguard Group, Inc.	BUY	2.42	Ordinary	4,850	4,850
23-Jul-18	The Vanguard Group, Inc.	SELL	2.38	Ordinary	(3,639)	(3,639)
24-Jul-18	The Vanguard Group, Inc.	BUY	2.39	Ordinary	4,177	4,177
25-Jul-18	The Vanguard Group, Inc.	SELL	2.38	Ordinary	(1,476)	(1,476)
25-Jul-18	The Vanguard Group, Inc.	SELL	2.39	Ordinary	(3,639)	(3,639)

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
25-Jul-18	The Vanguard Group, Inc.	SELL	2.39	Ordinary	(2,426)	(2,426)
25-Jul-18	The Vanguard Group, Inc.	SELL	2.39	Ordinary	(18,195)	(18,195)
2-Aug-18	The Vanguard Group, Inc.	SELL	2.39	Ordinary	(12,130)	(12,130)
3-Aug-18	The Vanguard Group, Inc.	BUY	2.40	Ordinary	312,733	312,733
9-Aug-18	The Vanguard Group, Inc.	SELL	2.46	Ordinary	(29,316)	(29,316)
10-Aug-18	The Vanguard Group, Inc.	SELL	2.46	Ordinary	(29,112)	(29,112)
14-Aug-18	The Vanguard Group, Inc.	BUY	2.43	Ordinary	20,201	20,201
14-Aug-18	The Vanguard Group, Inc.	BUY	2.43	Ordinary	23,484	23,484
11-Mar-16	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	40,380	40,380
11-Mar-16	Vanguard Investments Australia Ltd.	SELL	2.24	Ordinary	(86,890)	(86,890)
11-Mar-16	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(334,100)	(334,100)
11-Mar-16	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	10,701	10,701
18-Mar-16	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	15,740	15,740
18-Mar-16	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	3,990	3,990
18-Mar-16	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	58,450	58,450
22-Mar-16	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	553,140	553,140
22-Mar-16	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	30,237	30,237
23-Mar-16	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(14,138)	(14,138)
23-Mar-16	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	2,960	2,960
30-Mar-16	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	80,372	80,372
31-Mar-16	Vanguard Investments Australia Ltd.	SELL	2.29	Ordinary	(9,403)	(9,403)
31-Mar-16	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	8,100	8,100
1-Apr-16	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	39,768	39,768
1-Apr-16	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	6,832	6,832
4-Apr-16	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(1,073,023)	(1,073,023)
11-Apr-16	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	6,852	6,852
21-Apr-16	Vanguard Investments Australia Ltd.	BUY	2.26	Ordinary	30,030	30,030
21-Apr-16	Vanguard Investments Australia Ltd.	BUY	2.26	Ordinary	6,320	6,320
22-Apr-16	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	40,040	40,040
26-Apr-16	Vanguard Investments Australia Ltd.	SELL	2.24	Ordinary	(22,405)	(22,405)
29-Apr-16	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	44,810	44,810
29-Apr-16	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	52,532	52,532
5-May-16	Vanguard Investments Australia Ltd.	SELL	2.37	Ordinary	(88,633)	(88,633)
9-May-16	Vanguard Investments Australia Ltd.	BUY	2.38	Ordinary	29,409	29,409
12-May-16	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	47,780	47,780
13-May-16	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	19,606	19,606
18-May-16	Vanguard Investments Australia Ltd.	SELL	2.27	Ordinary	(7,577)	(7,577)
20-May-16	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	18,080	18,080
20-May-16	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	17,700	17,700
23-May-16	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	39,212	39,212
23-May-16	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	19,606	19,606
25-May-16	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	147,045	147,045
31-May-16	Vanguard Investments Australia Ltd.	BUY	2.26	Ordinary	19,606	19,606
31-May-16	Vanguard Investments Australia Ltd.	SELL	2.26	Ordinary	(18,305)	(18,305)
7-Jun-16	Vanguard Investments Australia Ltd.	SELL	2.33	Ordinary	(102,660)	(102,660)
8-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.36	Ordinary	49,600	49,600
9-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.38	Ordinary	44,930	44,930
9-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.38	Ordinary	19,606	19,606
14-Jun-16	Vanguard Investments Australia Ltd.	SELL	2.32	Ordinary	(40,052)	(40,052)
16-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	39,212	39,212
16-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	4,720	4,720
16-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	7,080	7,080
17-Jun-16	Vanguard Investments Australia Ltd.	SELL	2.32	Ordinary	(26,687)	(26,687)
17-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	263,320	263,320
20-Jun-16	Vanguard Investments Australia Ltd.	SELL	2.33	Ordinary	(1,939)	(1,939)
23-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	15,465	15,465
24-Jun-16	Vanguard Investments Australia Ltd.	SELL	2.27	Ordinary	(36,386)	(36,386)
24-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	10,310	10,310
24-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	13,403	13,403
27-Jun-16	Vanguard Investments Australia Ltd.	SELL	2.32	Ordinary	(8,649)	(8,649)
28-Jun-16	Vanguard Investments Australia Ltd.	SELL	2.29	Ordinary	(700)	(700)
30-Jun-16	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	19,828	19,828
30-Jun-16	Vanguard Investments Australia Ltd.	SELL	2.28	Ordinary	(128,882)	(128,882)
30-Jun-16	Vanguard Investments Australia Ltd.	SELL	2.28	Ordinary	(4,417)	(4,417)
4-Jul-16	Vanguard Investments Australia Ltd.	SELL	2.31	Ordinary	(10,989)	(10,989)
6-Jul-16	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	4,460	4,460
12-Jul-16	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	38,924	38,924
12-Jul-16	Vanguard Investments Australia Ltd.	SELL	2.40	Ordinary	(58,814)	(58,814)

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
12-Jul-16	Vanguard Investments Australia Ltd.	SELL	2.40	Ordinary	(3,317)	(3,317)
12-Jul-16	Vanguard Investments Australia Ltd.	SELL	2.40	Ordinary	(59,095)	(59,095)
13-Jul-16	Vanguard Investments Australia Ltd.	BUY	2.41	Ordinary	1,910	1,910
19-Jul-16	Vanguard Investments Australia Ltd.	BUY	2.43	Ordinary	19,462	19,462
21-Jul-16	Vanguard Investments Australia Ltd.	BUY	2.41	Ordinary	754,814	754,814
21-Jul-16	Vanguard Investments Australia Ltd.	SELL	2.41	Ordinary	(107,649)	(107,649)
21-Jul-16	Vanguard Investments Australia Ltd.	SELL	2.41	Ordinary	(13,380)	(13,380)
26-Jul-16	Vanguard Investments Australia Ltd.	BUY	2.36	Ordinary	112,188	112,188
27-Jul-16	Vanguard Investments Australia Ltd.	SELL	2.37	Ordinary	(11,150)	(11,150)
28-Jul-16	Vanguard Investments Australia Ltd.	BUY	2.39	Ordinary	29,193	29,193
29-Jul-16	Vanguard Investments Australia Ltd.	BUY	2.39	Ordinary	22,740	22,740
3-Aug-16	Vanguard Investments Australia Ltd.	SELL	2.32	Ordinary	(36,018)	(36,018)
5-Aug-16	Vanguard Investments Australia Ltd.	SELL	2.29	Ordinary	(22,416)	(22,416)
5-Aug-16	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	29,193	29,193
11-Aug-16	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	8,338	8,338
16-Aug-16	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	39,168	39,168
19-Aug-16	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	19,584	19,584
31-Aug-16	Vanguard Investments Australia Ltd.	SELL	2.31	Ordinary	(19,584)	(19,584)
31-Aug-16	Vanguard Investments Australia Ltd.	SELL	2.31	Ordinary	(20,845)	(20,845)
31-Aug-16	Vanguard Investments Australia Ltd.	SELL	2.31	Ordinary	(6,690)	(6,690)
1-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	48,960	48,960
1-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.32	Ordinary	(20,825)	(20,825)
1-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.32	Ordinary	(6,690)	(6,690)
2-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.30	Ordinary	(19,584)	(19,584)
2-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	4,460	4,460
7-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.27	Ordinary	(319,897)	(319,897)
8-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.26	Ordinary	(17,662)	(17,662)
8-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.26	Ordinary	(10,902)	(10,902)
12-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	39,168	39,168
12-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	19,584	19,584
12-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	6,690	6,690
12-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	6,690	6,690
16-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(70,096)	(70,096)
16-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	17,358	17,358
16-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(156,255)	(156,255)
20-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	8,372	8,372
20-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	5,995	5,995
22-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	16,744	16,744
22-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	9,592	9,592
23-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	38,876	38,876
27-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	151,074	151,074
29-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(37,614)	(37,614)
29-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(95,622)	(95,622)
30-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	28,935	28,935
30-Sep-16	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(124,512)	(124,512)
30-Sep-16	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	7,194	7,194
3-Oct-16	Vanguard Investments Australia Ltd.	SELL	2.26	Ordinary	(81,561)	(81,561)
5-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	19,290	19,290
5-Oct-16	Vanguard Investments Australia Ltd.	SELL	2.19	Ordinary	(99,217)	(99,217)
6-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	79,099	79,099
7-Oct-16	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(341,075)	(341,075)
10-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	10,791	10,791
14-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	28,827	28,827
17-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	15,450	15,450
20-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.26	Ordinary	4,460	4,460
24-Oct-16	Vanguard Investments Australia Ltd.	SELL	2.22	Ordinary	(347,103)	(347,103)
24-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	8,028	8,028
25-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	38,436	38,436
25-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	10,704	10,704
28-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	67,679	67,679
28-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	12,429	12,429
28-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	8,028	8,028
31-Oct-16	Vanguard Investments Australia Ltd.	SELL	2.19	Ordinary	(16,738)	(16,738)
31-Oct-16	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	76,872	76,872
1-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	38,436	38,436
1-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	38,436	38,436
2-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	96,090	96,090
2-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	4,150	4,150

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
3-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.16	Ordinary	86,481	86,481
3-Nov-16	Vanguard Investments Australia Ltd.	SELL	2.16	Ordinary	(50,193)	(50,193)
4-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.12	Ordinary	6,640	6,640
7-Nov-16	Vanguard Investments Australia Ltd.	SELL	2.18	Ordinary	(15,205)	(15,205)
9-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	7,470	7,470
10-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.12	Ordinary	8,300	8,300
14-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.09	Ordinary	6,836	6,836
14-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.09	Ordinary	38,436	38,436
14-Nov-16	Vanguard Investments Australia Ltd.	SELL	2.09	Ordinary	(156,924)	(156,924)
21-Nov-16	Vanguard Investments Australia Ltd.	SELL	2.10	Ordinary	(216,662)	(216,662)
21-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.10	Ordinary	12,444	12,444
21-Nov-16	Vanguard Investments Australia Ltd.	SELL	2.10	Ordinary	(135,987)	(135,987)
22-Nov-16	Vanguard Investments Australia Ltd.	BUY	2.11	Ordinary	28,827	28,827
30-Nov-16	Vanguard Investments Australia Ltd.	SELL	2.12	Ordinary	(15,530)	(15,530)
5-Dec-16	Vanguard Investments Australia Ltd.	SELL	2.09	Ordinary	(50,124)	(50,124)
5-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.09	Ordinary	19,218	19,218
5-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.09	Ordinary	48,045	48,045
6-Dec-16	Vanguard Investments Australia Ltd.	SELL	2.09	Ordinary	(62,834)	(62,834)
6-Dec-16	Vanguard Investments Australia Ltd.	SELL	2.11	Ordinary	(34,627)	(34,627)
12-Dec-16	Vanguard Investments Australia Ltd.	SELL	2.14	Ordinary	(143,457)	(143,457)
12-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.14	Ordinary	2,470	2,470
13-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	19,072	19,072
16-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	17,190	17,190
16-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	102,120	102,120
20-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	13,000	13,000
20-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	141,640	141,640
21-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	19,210	19,210
22-Dec-16	Vanguard Investments Australia Ltd.	SELL	2.22	Ordinary	(102,540)	(102,540)
29-Dec-16	Vanguard Investments Australia Ltd.	SELL	2.19	Ordinary	(8,766)	(8,766)
29-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	200,719	200,719
29-Dec-16	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	9,684	9,684
30-Dec-16	Vanguard Investments Australia Ltd.	SELL	2.21	Ordinary	(4,384)	(4,384)
5-Jan-17	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	7,842	7,842
6-Jan-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	19,250	19,250
11-Jan-17	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	28,875	28,875
19-Jan-17	Vanguard Investments Australia Ltd.	BUY	2.16	Ordinary	19,250	19,250
23-Jan-17	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	8,608	8,608
25-Jan-17	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	19,250	19,250
27-Jan-17	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	7,842	7,842
27-Jan-17	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	7,532	7,532
31-Jan-17	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	28,875	28,875
31-Jan-17	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	7,532	7,532
1-Feb-17	Vanguard Investments Australia Ltd.	SELL	2.18	Ordinary	(347,349)	(347,349)
2-Feb-17	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(129,120)	(129,120)
7-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	19,250	19,250
8-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	95,696	95,696
9-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	183,075	183,075
9-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	428,965	428,965
9-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	9,684	9,684
13-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	125,195	125,195
13-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	19,426	19,426
15-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	7,860	7,860
17-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	38,860	38,860
20-Feb-17	Vanguard Investments Australia Ltd.	SELL	2.22	Ordinary	(120,170)	(120,170)
20-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	19,430	19,430
21-Feb-17	Vanguard Investments Australia Ltd.	SELL	2.21	Ordinary	(122,770)	(122,770)
22-Feb-17	Vanguard Investments Australia Ltd.	SELL	2.21	Ordinary	(14,814)	(14,814)
22-Feb-17	Vanguard Investments Australia Ltd.	SELL	2.21	Ordinary	(81,847)	(81,847)
24-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	19,424	19,424
24-Feb-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	11,763	11,763
28-Feb-17	Vanguard Investments Australia Ltd.	SELL	2.23	Ordinary	(133,325)	(133,325)
28-Feb-17	Vanguard Investments Australia Ltd.	SELL	2.23	Ordinary	(2,538)	(2,538)
2-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	78,710	78,710
3-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	19,424	19,424
6-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	5,380	5,380
7-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	29,136	29,136
8-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	2,730	2,730
15-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	19,424	19,424

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
15-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	7,532	7,532
17-Mar-17	Vanguard Investments Australia Ltd.	SELL	2.22	Ordinary	(30,878)	(30,878)
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	9,712	9,712
17-Mar-17	Vanguard Investments Australia Ltd.	SELL	2.22	Ordinary	(164,039)	(164,039)
17-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	114,120	114,120
21-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	7,842	7,842
22-Mar-17	Vanguard Investments Australia Ltd.	SELL	2.22	Ordinary	(58,684)	(58,684)
22-Mar-17	Vanguard Investments Australia Ltd.	SELL	2.22	Ordinary	(2,502)	(2,502)
23-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	19,194	19,194
23-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	10,449	10,449
24-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	85,557	85,557
24-Mar-17	Vanguard Investments Australia Ltd.	SELL	2.22	Ordinary	(85,557)	(85,557)
27-Mar-17	Vanguard Investments Australia Ltd.	SELL	2.23	Ordinary	(53,379)	(53,379)
28-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	154,799	154,799
30-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	2,820	2,820
31-Mar-17	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	38,444	38,444
31-Mar-17	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(177,574)	(177,574)
4-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	56,421	56,421
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	91,650	91,650
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	18,998	18,998
5-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	5,805	5,805
6-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	119,587	119,587
10-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	416,152	416,152
11-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	18,998	18,998
12-Apr-17	Vanguard Investments Australia Ltd.	SELL	2.32	Ordinary	(55,222)	(55,222)
19-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	9,288	9,288
20-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	122,377	122,377
20-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	11,760	11,760
24-Apr-17	Vanguard Investments Australia Ltd.	SELL	2.30	Ordinary	(13,144)	(13,144)
26-Apr-17	Vanguard Investments Australia Ltd.	SELL	2.34	Ordinary	(8,361)	(8,361)
27-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	10,449	10,449
28-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	47,495	47,495
28-Apr-17	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	4,644	4,644
1-May-17	Vanguard Investments Australia Ltd.	SELL	2.33	Ordinary	(6,614)	(6,614)
1-May-17	Vanguard Investments Australia Ltd.	SELL	2.33	Ordinary	(90,832)	(90,832)
1-May-17	Vanguard Investments Australia Ltd.	SELL	2.33	Ordinary	(1,904)	(1,904)
5-May-17	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	9,428	9,428
9-May-17	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	10,370	10,370
10-May-17	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	18,856	18,856
11-May-17	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	55,993	55,993
12-May-17	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	28,284	28,284
15-May-17	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	7,259	7,259
17-May-17	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	18,856	18,856
17-May-17	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	61,140	61,140
18-May-17	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	7,259	7,259
19-May-17	Vanguard Investments Australia Ltd.	SELL	2.27	Ordinary	(18,001)	(18,001)
23-May-17	Vanguard Investments Australia Ltd.	SELL	2.31	Ordinary	(21,799)	(21,799)
23-May-17	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	18,856	18,856
25-May-17	Vanguard Investments Australia Ltd.	SELL	2.31	Ordinary	(17,907)	(17,907)
26-May-17	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	11,760	11,760
29-May-17	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	37,712	37,712
31-May-17	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	7,535	7,535
1-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	65,479	65,479
2-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	18,856	18,856
6-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	10,370	10,370
8-Jun-17	Vanguard Investments Australia Ltd.	SELL	2.35	Ordinary	(367,306)	(367,306)
8-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	15,555	15,555
9-Jun-17	Vanguard Investments Australia Ltd.	SELL	2.32	Ordinary	(14,722)	(14,722)
9-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	42,859	42,859
15-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.39	Ordinary	47,485	47,485
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	19,838	19,838
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	123,968	123,968
16-Jun-17	Vanguard Investments Australia Ltd.	SELL	2.40	Ordinary	(69,613)	(69,613)
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	18,994	18,994
16-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	14,518	14,518
16-Jun-17	Vanguard Investments Australia Ltd.	SELL	2.40	Ordinary	(43,500)	(43,500)
20-Jun-17	Vanguard Investments Australia Ltd.	SELL	2.40	Ordinary	(13,189)	(13,189)
20-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	5,928	5,928

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
21-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.36	Ordinary	18,950	18,950
22-Jun-17	Vanguard Investments Australia Ltd.	SELL	2.34	Ordinary	(104,709)	(104,709)
22-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	9,880	9,880
23-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	11,874	11,874
27-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	28,221	28,221
27-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	8,892	8,892
29-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	57,552	57,552
30-Jun-17	Vanguard Investments Australia Ltd.	SELL	2.19	Ordinary	(167,532)	(167,532)
30-Jun-17	Vanguard Investments Australia Ltd.	SELL	2.19	Ordinary	(7,929)	(7,929)
30-Jun-17	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	9,880	9,880
3-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.16	Ordinary	(34,376)	(34,376)
3-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.16	Ordinary	(146,149)	(146,149)
3-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.16	Ordinary	9,880	9,880
4-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(2,964)	(2,964)
5-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	9,522	9,522
5-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	19,044	19,044
6-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.16	Ordinary	92,566	92,566
6-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.16	Ordinary	190,440	190,440
6-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.16	Ordinary	(203,754)	(203,754)
10-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	11,856	11,856
11-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(84,940)	(84,940)
11-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	28,566	28,566
11-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(74,645)	(74,645)
12-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.11	Ordinary	15,424	15,424
12-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.11	Ordinary	6,916	6,916
13-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.10	Ordinary	(156,372)	(156,372)
13-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.10	Ordinary	93,920	93,920
13-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.10	Ordinary	9,522	9,522
13-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.10	Ordinary	(187,108)	(187,108)
17-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.14	Ordinary	(154,112)	(154,112)
17-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.14	Ordinary	28,566	28,566
17-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.14	Ordinary	(141,892)	(141,892)
18-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.16	Ordinary	6,916	6,916
20-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.15	Ordinary	(176,652)	(176,652)
20-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	103,369	103,369
20-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	28,566	28,566
20-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.15	Ordinary	(132,095)	(132,095)
24-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	85,698	85,698
24-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	18,396	18,396
25-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.16	Ordinary	(156,758)	(156,758)
25-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.16	Ordinary	(57,132)	(57,132)
25-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.16	Ordinary	(127,246)	(127,246)
27-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.18	Ordinary	(125,887)	(125,887)
27-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.18	Ordinary	(52,084)	(52,084)
28-Jul-17	Vanguard Investments Australia Ltd.	SELL	2.16	Ordinary	(51,861)	(51,861)
28-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.16	Ordinary	11,703	11,703
31-Jul-17	Vanguard Investments Australia Ltd.	BUY	2.17	Ordinary	10,512	10,512
1-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	35,157	35,157
3-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	19,044	19,044
3-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	14,454	14,454
4-Aug-17	Vanguard Investments Australia Ltd.	SELL	2.19	Ordinary	(180,918)	(180,918)
8-Aug-17	Vanguard Investments Australia Ltd.	SELL	2.20	Ordinary	(82,449)	(82,449)
8-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	2,759	2,759
9-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	9,522	9,522
9-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	28,566	28,566
11-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	19,110	19,110
15-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	15,484	15,484
16-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	19,451	19,451
22-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	18,288	18,288
22-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	20,133	20,133
23-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	9,555	9,555
23-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	10,920	10,920
25-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	28,788	28,788
28-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	100,387	100,387
29-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	31,260	31,260
30-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	177,685	177,685
31-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	5,472	5,472
31-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	6,263	6,263

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
31-Aug-17	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	10,920	10,920
1-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	28,788	28,788
5-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	112,042	112,042
6-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.25	Ordinary	2,368	2,368
8-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.26	Ordinary	15,015	15,015
11-Sep-17	Vanguard Investments Australia Ltd.	SELL	2.27	Ordinary	(4,554)	(4,554)
14-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	9,665	9,665
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	28,995	28,995
15-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	76,068	76,068
19-Sep-17	Vanguard Investments Australia Ltd.	SELL	2.28	Ordinary	(6,272)	(6,272)
21-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	48,135	48,135
21-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	14,826	14,826
26-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	36,006	36,006
28-Sep-17	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	160,968	160,968
29-Sep-17	Vanguard Investments Australia Ltd.	SELL	2.29	Ordinary	(21,944)	(21,944)
29-Sep-17	Vanguard Investments Australia Ltd.	SELL	2.29	Ordinary	(52,452)	(52,452)
3-Oct-17	Vanguard Investments Australia Ltd.	SELL	2.29	Ordinary	(18,974)	(18,974)
3-Oct-17	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	28,758	28,758
4-Oct-17	Vanguard Investments Australia Ltd.	BUY	2.26	Ordinary	9,570	9,570
10-Oct-17	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	15,576	15,576
12-Oct-17	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	19,172	19,172
16-Oct-17	Vanguard Investments Australia Ltd.	SELL	2.31	Ordinary	(3,556)	(3,556)
18-Oct-17	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	65,944	65,944
25-Oct-17	Vanguard Investments Australia Ltd.	SELL	2.35	Ordinary	(2,874)	(2,874)
27-Oct-17	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	28,758	28,758
27-Oct-17	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	4,212	4,212
1-Nov-17	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	26,115	26,115
3-Nov-17	Vanguard Investments Australia Ltd.	SELL	2.33	Ordinary	(4,400)	(4,400)
6-Nov-17	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	28,758	28,758
7-Nov-17	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	11,682	11,682
7-Nov-17	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	6,318	6,318
8-Nov-17	Vanguard Investments Australia Ltd.	SELL	2.33	Ordinary	(6,767)	(6,767)
10-Nov-17	Vanguard Investments Australia Ltd.	SELL	2.36	Ordinary	(21,835)	(21,835)
15-Nov-17	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	19,172	19,172
16-Nov-17	Vanguard Investments Australia Ltd.	SELL	2.34	Ordinary	(9,297)	(9,297)
16-Nov-17	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	7,362	7,362
20-Nov-17	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	15,576	15,576
22-Nov-17	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	38,344	38,344
22-Nov-17	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	8,180	8,180
24-Nov-17	Vanguard Investments Australia Ltd.	SELL	2.37	Ordinary	(5,840)	(5,840)
24-Nov-17	Vanguard Investments Australia Ltd.	BUY	2.37	Ordinary	10,634	10,634
29-Nov-17	Vanguard Investments Australia Ltd.	SELL	2.40	Ordinary	(38,344)	(38,344)
30-Nov-17	Vanguard Investments Australia Ltd.	SELL	2.41	Ordinary	(16,254)	(16,254)
1-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.42	Ordinary	15,028	15,028
4-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.42	Ordinary	(8,731)	(8,731)
4-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.42	Ordinary	8,731	8,731
4-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.42	Ordinary	(79,977)	(79,977)
5-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	28,758	28,758
5-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	19,172	19,172
5-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.40	Ordinary	(70,209)	(70,209)
5-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.40	Ordinary	(17,996)	(17,996)
6-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.41	Ordinary	186,645	186,645
8-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.42	Ordinary	(37,189)	(37,189)
11-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.42	Ordinary	(8,797)	(8,797)
11-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.42	Ordinary	(41,297)	(41,297)
14-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.42	Ordinary	3,430	3,430
18-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.43	Ordinary	(8,870)	(8,870)
19-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.43	Ordinary	95,780	95,780
19-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.43	Ordinary	19,156	19,156
20-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.41	Ordinary	18,655	18,655
20-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.41	Ordinary	7,632	7,632
22-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.37	Ordinary	(22,020)	(22,020)
27-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.37	Ordinary	95,780	95,780
28-Dec-17	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	201,460	201,460
28-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.34	Ordinary	(194,420)	(194,420)
29-Dec-17	Vanguard Investments Australia Ltd.	SELL	2.33	Ordinary	(7,464)	(7,464)
4-Jan-18	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	11,100	11,100
8-Jan-18	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	19,402	19,402

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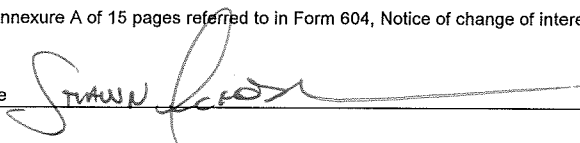
Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
10-Jan-18	Vanguard Investments Australia Ltd.	SELL	2.27	Ordinary	(11,024)	(11,024)
16-Jan-18	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	19,402	19,402
16-Jan-18	Vanguard Investments Australia Ltd.	SELL	2.20	Ordinary	(307,854)	(307,854)
16-Jan-18	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	8,480	8,480
23-Jan-18	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	47,059	47,059
24-Jan-18	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	22,206	22,206
24-Jan-18	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	5,936	5,936
25-Jan-18	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	65,421	65,421
25-Jan-18	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	19,402	19,402
29-Jan-18	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	5,088	5,088
31-Jan-18	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(8,876)	(8,876)
1-Feb-18	Vanguard Investments Australia Ltd.	BUY	2.26	Ordinary	10,244	10,244
1-Feb-18	Vanguard Investments Australia Ltd.	SELL	2.26	Ordinary	(64,448)	(64,448)
2-Feb-18	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	19,402	19,402
6-Feb-18	Vanguard Investments Australia Ltd.	BUY	2.20	Ordinary	5,088	5,088
9-Feb-18	Vanguard Investments Australia Ltd.	BUY	2.21	Ordinary	10,176	10,176
13-Feb-18	Vanguard Investments Australia Ltd.	SELL	2.20	Ordinary	(58,662)	(58,662)
15-Feb-18	Vanguard Investments Australia Ltd.	SELL	2.18	Ordinary	(4,288)	(4,288)
20-Feb-18	Vanguard Investments Australia Ltd.	BUY	2.22	Ordinary	15,684	15,684
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	23,363	23,363
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	19,554	19,554
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	212,333	212,333
26-Feb-18	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	53,635	53,635
27-Feb-18	Vanguard Investments Australia Ltd.	BUY	2.26	Ordinary	86,844	86,844
28-Feb-18	Vanguard Investments Australia Ltd.	SELL	2.24	Ordinary	(10,690)	(10,690)
1-Mar-18	Vanguard Investments Australia Ltd.	BUY	2.24	Ordinary	11,763	11,763
5-Mar-18	Vanguard Investments Australia Ltd.	SELL	2.25	Ordinary	(6,461)	(6,461)
8-Mar-18	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	6,496	6,496
13-Mar-18	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	6,535	6,535
15-Mar-18	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	11,091	11,091
21-Mar-18	Vanguard Investments Australia Ltd.	SELL	2.34	Ordinary	(137,494)	(137,494)
21-Mar-18	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	7,920	7,920
26-Mar-18	Vanguard Investments Australia Ltd.	SELL	2.32	Ordinary	(43,316)	(43,316)
26-Mar-18	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	14,744	14,744
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	18,136	18,136
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	42,198	42,198
27-Mar-18	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	14,520	14,520
29-Mar-18	Vanguard Investments Australia Ltd.	SELL	2.33	Ordinary	(239,898)	(239,898)
5-Apr-18	Vanguard Investments Australia Ltd.	SELL	2.32	Ordinary	(9,811)	(9,811)
5-Apr-18	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	13,224	13,224
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	8,285	8,285
12-Apr-18	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	54,915	54,915
19-Apr-18	Vanguard Investments Australia Ltd.	SELL	2.31	Ordinary	(19,919)	(19,919)
19-Apr-18	Vanguard Investments Australia Ltd.	BUY	2.31	Ordinary	13,224	13,224
20-Apr-18	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	11,202	11,202
24-Apr-18	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	7,468	7,468
27-Apr-18	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	51,953	51,953
2-May-18	Vanguard Investments Australia Ltd.	BUY	2.41	Ordinary	18,670	18,670
4-May-18	Vanguard Investments Australia Ltd.	BUY	2.39	Ordinary	6,612	6,612
11-May-18	Vanguard Investments Australia Ltd.	SELL	2.39	Ordinary	(10,495)	(10,495)
17-May-18	Vanguard Investments Australia Ltd.	SELL	2.33	Ordinary	(135,049)	(135,049)
17-May-18	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	11,202	11,202
18-May-18	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	7,714	7,714
22-May-18	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	9,674	9,674
22-May-18	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	8,816	8,816
23-May-18	Vanguard Investments Australia Ltd.	BUY	2.38	Ordinary	12,823	12,823
25-May-18	Vanguard Investments Australia Ltd.	SELL	2.43	Ordinary	(10,814)	(10,814)
29-May-18	Vanguard Investments Australia Ltd.	SELL	2.45	Ordinary	(65,965)	(65,965)
29-May-18	Vanguard Investments Australia Ltd.	BUY	2.45	Ordinary	9,674	9,674
31-May-18	Vanguard Investments Australia Ltd.	SELL	2.46	Ordinary	(21,039)	(21,039)
31-May-18	Vanguard Investments Australia Ltd.	BUY	2.46	Ordinary	7,714	7,714
1-Jun-18	Vanguard Investments Australia Ltd.	BUY	2.43	Ordinary	34,940	34,940
4-Jun-18	Vanguard Investments Australia Ltd.	BUY	2.46	Ordinary	56,986	56,986
4-Jun-18	Vanguard Investments Australia Ltd.	BUY	2.46	Ordinary	501,335	501,335
4-Jun-18	Vanguard Investments Australia Ltd.	BUY	2.45	Ordinary	17,980	17,980
6-Jun-18	Vanguard Investments Australia Ltd.	BUY	2.46	Ordinary	38,952	38,952
8-Jun-18	Vanguard Investments Australia Ltd.	BUY	2.44	Ordinary	7,714	7,714
14-Jun-18	Vanguard Investments Australia Ltd.	BUY	2.47	Ordinary	11,020	11,020

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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration (9)	Class	Number of securities affected	Person's votes affected
15-Jun-18	Vanguard Investments Australia Ltd.	SELL	2.48	Ordinary	(20,843)	(20,843)
15-Jun-18	Vanguard Investments Australia Ltd.	SELL	2.48	Ordinary	(140,996)	(140,996)
25-Jun-18	Vanguard Investments Australia Ltd.	BUY	2.54	Ordinary	14,384	14,384
28-Jun-18	Vanguard Investments Australia Ltd.	BUY	2.46	Ordinary	312,458	312,458
29-Jun-18	Vanguard Investments Australia Ltd.	BUY	2.45	Ordinary	19,680	19,680
29-Jun-18	Vanguard Investments Australia Ltd.	SELL	2.45	Ordinary	(49,343)	(49,343)
2-Jul-18	Vanguard Investments Australia Ltd.	SELL	2.49	Ordinary	(8,225)	(8,225)
5-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.50	Ordinary	9,776	9,776
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.50	Ordinary	19,552	19,552
6-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.50	Ordinary	12,690	12,690
9-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.49	Ordinary	10,689	10,689
12-Jul-18	Vanguard Investments Australia Ltd.	SELL	2.50	Ordinary	(97,117)	(97,117)
16-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.46	Ordinary	19,552	19,552
16-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.46	Ordinary	8,460	8,460
16-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.46	Ordinary	49,936	49,936
18-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.45	Ordinary	19,552	19,552
20-Jul-18	Vanguard Investments Australia Ltd.	SELL	2.42	Ordinary	(12,509)	(12,509)
20-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.42	Ordinary	14,311	14,311
23-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.38	Ordinary	10,689	10,689
26-Jul-18	Vanguard Investments Australia Ltd.	BUY	2.39	Ordinary	19,552	19,552
2-Aug-18	Vanguard Investments Australia Ltd.	BUY	2.38	Ordinary	14,252	14,252
2-Aug-18	Vanguard Investments Australia Ltd.	BUY	2.38	Ordinary	11,583	11,583
3-Aug-18	Vanguard Investments Australia Ltd.	BUY	2.40	Ordinary	39,104	39,104
9-Aug-18	Vanguard Investments Australia Ltd.	BUY	2.46	Ordinary	19,552	19,552
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	2.44	Ordinary	8,324	8,324
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	2.44	Ordinary	170,331	170,331
13-Aug-18	Vanguard Investments Australia Ltd.	BUY	2.41	Ordinary	14,252	14,252
14-Aug-18	Vanguard Investments Australia Ltd.	BUY	2.45	Ordinary	206,470	206,470

This is Annexure A of 15 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature



Date

17-Aug-18