

Form 604
Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme Charter Hall Long WALE REIT
ACN/ARSN 610 772 202

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 27 February 2019

The previous notice was given to the company on 20 June 2017

The previous notice was dated 20 June 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)	9,673,105	4.655%	14,478,644	5.134%
Ordinary (The Vanguard Group Inc.)	4,442,169	2.138%	8,069,968	2.861%
Total	14,115,274	6.793%	22,548,612	7.995%

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	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 – 14,478,644	14,478,644
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 – 4,113,663	4,113,663
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 – 54,798	54,798
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 – 2,979,354	2,979,354
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 – 922,153	922,153

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

Keith De Gando

capacity

MDG

sign here

Keith De Gando

date

4 March 2019

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
ACN/ARSN

Charter Hall Long WALE REIT
610 772 202

Substantial Holder Name
ACN/ARSN

The Vanguard Group, Inc.
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
21-Jun-2017	The Vanguard Group, Inc.	SELL	4.33	Ordinary	(646)	(646)
28-Jun-2017	The Vanguard Group, Inc.	SELL	4.17	Ordinary	(41,716)	(41,716)
29-Jun-2017	The Vanguard Group, Inc.	BUY	4.19	Ordinary	12,177	12,177
29-Jun-2017	The Vanguard Group, Inc.	BUY	4.16	Ordinary	(35,630)	(35,630)
29-Jun-2017	The Vanguard Group, Inc.	SELL	4.08	Ordinary	4,428	4,428
12-Jul-2017	The Vanguard Group, Inc.	BUY	4.10	Ordinary	6,642	6,642
26-Jul-2017	The Vanguard Group, Inc.	BUY	4.10	Ordinary	2,214	2,214
2-Aug-2017	The Vanguard Group, Inc.	BUY	4.16	Ordinary	6,642	6,642
3-Aug-2017	The Vanguard Group, Inc.	BUY	4.15	Ordinary	3,321	3,321
4-Aug-2017	The Vanguard Group, Inc.	BUY	4.17	Ordinary	5,535	5,535
14-Aug-2017	The Vanguard Group, Inc.	BUY	4.14	Ordinary	5,233	5,233
15-Aug-2017	The Vanguard Group, Inc.	BUY	4.16	Ordinary	141,839	141,839
15-Aug-2017	The Vanguard Group, Inc.	BUY	4.15	Ordinary	17,395	17,395
16-Aug-2017	The Vanguard Group, Inc.	BUY	4.15	Ordinary	10,713	10,713
17-Aug-2017	The Vanguard Group, Inc.	BUY	4.15	Ordinary	27,645	27,645
18-Aug-2017	The Vanguard Group, Inc.	BUY	4.16	Ordinary	6,642	6,642
21-Aug-2017	The Vanguard Group, Inc.	BUY	4.16	Ordinary	6,642	6,642
29-Aug-2017	The Vanguard Group, Inc.	BUY	4.06	Ordinary	2,214	2,214
31-Aug-2017	The Vanguard Group, Inc.	BUY	4.06	Ordinary	3,321	3,321
5-Sep-2017	The Vanguard Group, Inc.	BUY	4.28	Ordinary	1,107	1,107
14-Sep-2017	The Vanguard Group, Inc.	BUY	4.22	Ordinary	363	363
15-Sep-2017	The Vanguard Group, Inc.	BUY	4.28	Ordinary	363	363
15-Sep-2017	The Vanguard Group, Inc.	BUY	4.28	Ordinary	(425)	(425)
15-Sep-2017	The Vanguard Group, Inc.	SELL	4.21	Ordinary	1,608	1,608
20-Sep-2017	The Vanguard Group, Inc.	BUY	4.21	Ordinary	(1,608)	(1,608)
20-Sep-2017	The Vanguard Group, Inc.	SELL	4.21	Ordinary	2,898	2,898
20-Sep-2017	The Vanguard Group, Inc.	BUY	4.19	Ordinary	(2,898)	(2,898)
20-Sep-2017	The Vanguard Group, Inc.	SELL	4.19	Ordinary	346	346
20-Sep-2017	The Vanguard Group, Inc.	BUY	4.19	Ordinary	(346)	(346)
20-Sep-2017	The Vanguard Group, Inc.	SELL	4.19	Ordinary	211,049	211,049
21-Sep-2017	The Vanguard Group, Inc.	BUY	4.32	Ordinary	3,804	3,804
21-Sep-2017	The Vanguard Group, Inc.	BUY	4.28	Ordinary	7,912	7,912
25-Sep-2017	The Vanguard Group, Inc.	BUY	4.26	Ordinary	17,118	17,118
25-Sep-2017	The Vanguard Group, Inc.	BUY	4.26	Ordinary	9,510	9,510
25-Sep-2017	The Vanguard Group, Inc.	BUY	4.26	Ordinary	153,230	153,230
26-Sep-2017	The Vanguard Group, Inc.	BUY	4.33	Ordinary	1,608	1,608
26-Sep-2017	The Vanguard Group, Inc.	BUY	4.21	Ordinary	(1,608)	(1,608)
26-Sep-2017	The Vanguard Group, Inc.	SELL	4.21	Ordinary	2,898	2,898
26-Sep-2017	The Vanguard Group, Inc.	BUY	4.19	Ordinary	(2,898)	(2,898)
26-Sep-2017	The Vanguard Group, Inc.	SELL	4.19	Ordinary	346	346
26-Sep-2017	The Vanguard Group, Inc.	BUY	4.19	Ordinary	(346)	(346)
26-Sep-2017	The Vanguard Group, Inc.	SELL	4.19	Ordinary	(968)	(968)
27-Sep-2017	The Vanguard Group, Inc.	SELL	4.28	Ordinary	968	968
27-Sep-2017	The Vanguard Group, Inc.	BUY	4.28	Ordinary	1,978	1,978
27-Sep-2017	The Vanguard Group, Inc.	BUY	4.28	Ordinary	5,706	5,706
27-Sep-2017	The Vanguard Group, Inc.	BUY	4.22	Ordinary	2,967	2,967
29-Sep-2017	The Vanguard Group, Inc.	BUY	4.22	Ordinary	5,706	5,706
2-Oct-2017	The Vanguard Group, Inc.	BUY	4.22	Ordinary	5,706	5,706
2-Oct-2017	The Vanguard Group, Inc.	BUY	4.16	Ordinary	7,912	7,912
12-Oct-2017	The Vanguard Group, Inc.	BUY	4.17	Ordinary	3,804	3,804
19-Oct-2017	The Vanguard Group, Inc.	BUY	4.18	Ordinary	7,912	7,912
20-Oct-2017	The Vanguard Group, Inc.	BUY	4.14	Ordinary	5,706	5,706
24-Oct-2017	The Vanguard Group, Inc.	BUY	4.14	Ordinary	5,934	5,934
31-Oct-2017	The Vanguard Group, Inc.	BUY	4.16	Ordinary	1,978	1,978
31-Oct-2017	The Vanguard Group, Inc.	BUY	4.16	Ordinary	3,956	3,956
2-Nov-2017	The Vanguard Group, Inc.	BUY	4.15	Ordinary	5,934	5,934
3-Nov-2017	The Vanguard Group, Inc.	BUY	4.15	Ordinary	5,706	5,706
8-Nov-2017	The Vanguard Group, Inc.	BUY	4.19	Ordinary	5,706	5,706
10-Nov-2017	The Vanguard Group, Inc.	BUY	4.21	Ordinary	9,510	9,510
13-Nov-2017	The Vanguard Group, Inc.	BUY	4.20	Ordinary	7,912	7,912
15-Nov-2017	The Vanguard Group, Inc.	BUY	4.14	Ordinary	3,956	3,956
15-Nov-2017	The Vanguard Group, Inc.	BUY	4.14	Ordinary	3,804	3,804
16-Nov-2017	The Vanguard Group, Inc.	BUY	4.14	Ordinary	9,890	9,890
17-Nov-2017	The Vanguard Group, Inc.	BUY	4.13	Ordinary	7,912	7,912
24-Nov-2017	The Vanguard Group, Inc.	BUY	4.15	Ordinary	535	535
30-Nov-2017	The Vanguard Group, Inc.	BUY	4.26	Ordinary		

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
			4.26	Ordinary	5,618	5,618
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.39	Ordinary	25,370	25,370
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.26	Ordinary	76,948	76,948
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.39	Ordinary	347,464	347,464
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.26	Ordinary	10,993	10,993
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.39	Ordinary	49,640	49,640
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.26	Ordinary	1,442	1,442
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.39	Ordinary	6,512	6,512
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.26	Ordinary	7,430	7,430
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.39	Ordinary	33,549	33,549
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.26	Ordinary	4,852	4,852
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.39	Ordinary	21,908	21,908
6-Dec-2017	The Vanguard Group, Inc.	BUY	4.40	Ordinary	(4,214)	(4,214)
6-Dec-2017	The Vanguard Group, Inc.	SELL	4.34	Ordinary	9,891	9,891
7-Dec-2017	The Vanguard Group, Inc.	BUY	4.34	Ordinary	135,465	135,465
7-Dec-2017	The Vanguard Group, Inc.	BUY	4.34	Ordinary	19,353	19,353
7-Dec-2017	The Vanguard Group, Inc.	BUY	4.34	Ordinary	2,539	2,539
7-Dec-2017	The Vanguard Group, Inc.	BUY	4.34	Ordinary	13,080	13,080
7-Dec-2017	The Vanguard Group, Inc.	BUY	4.34	Ordinary	8,541	8,541
7-Dec-2017	The Vanguard Group, Inc.	BUY	4.33	Ordinary	5,612	5,612
8-Dec-2017	The Vanguard Group, Inc.	BUY	4.33	Ordinary	76,863	76,863
8-Dec-2017	The Vanguard Group, Inc.	BUY	4.33	Ordinary	10,981	10,981
8-Dec-2017	The Vanguard Group, Inc.	BUY	4.33	Ordinary	1,440	1,440
8-Dec-2017	The Vanguard Group, Inc.	BUY	4.33	Ordinary	7,422	7,422
8-Dec-2017	The Vanguard Group, Inc.	BUY	4.35	Ordinary	3,465	3,465
8-Dec-2017	The Vanguard Group, Inc.	BUY	4.35	Ordinary	10,395	10,395
8-Dec-2017	The Vanguard Group, Inc.	BUY	4.33	Ordinary	4,847	4,847
8-Dec-2017	The Vanguard Group, Inc.	BUY	4.33	Ordinary	(6,321)	(6,321)
13-Dec-2017	The Vanguard Group, Inc.	SELL	4.32	Ordinary	(4,214)	(4,214)
14-Dec-2017	The Vanguard Group, Inc.	SELL	4.29	Ordinary	(1,928)	(1,928)
20-Dec-2017	The Vanguard Group, Inc.	SELL	4.16	Ordinary	4,274	4,274
2-Jan-2018	The Vanguard Group, Inc.	BUY	4.12	Ordinary	6,411	6,411
4-Jan-2018	The Vanguard Group, Inc.	BUY	4.10	Ordinary	7,819	7,819
8-Jan-2018	The Vanguard Group, Inc.	BUY	4.06	Ordinary	9,223	9,223
10-Jan-2018	The Vanguard Group, Inc.	BUY	3.96	Ordinary	706	706
16-Jan-2018	The Vanguard Group, Inc.	BUY	4.00	Ordinary	10,053	10,053
18-Jan-2018	The Vanguard Group, Inc.	BUY	3.99	Ordinary	4,468	4,468
19-Jan-2018	The Vanguard Group, Inc.	BUY	3.94	Ordinary	6,702	6,702
23-Jan-2018	The Vanguard Group, Inc.	BUY	3.94	Ordinary	2,234	2,234
24-Jan-2018	The Vanguard Group, Inc.	BUY	3.92	Ordinary	8,936	8,936
26-Jan-2018	The Vanguard Group, Inc.	BUY	3.87	Ordinary	8,936	8,936
2-Feb-2018	The Vanguard Group, Inc.	BUY	3.82	Ordinary	4,468	4,468
5-Feb-2018	The Vanguard Group, Inc.	BUY	3.72	Ordinary	3,351	3,351
20-Feb-2018	The Vanguard Group, Inc.	BUY	3.74	Ordinary	(6,851)	(6,851)
22-Feb-2018	The Vanguard Group, Inc.	SELL	3.80	Ordinary	53,688	53,688
28-Feb-2018	The Vanguard Group, Inc.	BUY	3.79	Ordinary	8,598	8,598
28-Feb-2018	The Vanguard Group, Inc.	BUY	3.88	Ordinary	(10,053)	(10,053)
5-Mar-2018	The Vanguard Group, Inc.	SELL	3.88	Ordinary	1,095	1,095
14-Mar-2018	The Vanguard Group, Inc.	BUY	3.90	Ordinary	4,468	4,468
15-Mar-2018	The Vanguard Group, Inc.	BUY	3.93	Ordinary	50,677	50,677
16-Mar-2018	The Vanguard Group, Inc.	BUY	3.93	Ordinary	(2,872)	(2,872)
16-Mar-2018	The Vanguard Group, Inc.	SELL	3.93	Ordinary	2,233	2,233
16-Mar-2018	The Vanguard Group, Inc.	BUY	3.93	Ordinary	75	75
16-Mar-2018	The Vanguard Group, Inc.	BUY	3.85	Ordinary	3,483	3,483
23-Mar-2018	The Vanguard Group, Inc.	BUY	3.90	Ordinary	415	415
28-Mar-2018	The Vanguard Group, Inc.	BUY	3.93	Ordinary	5,196	5,196
3-Apr-2018	The Vanguard Group, Inc.	BUY	3.93	Ordinary	7,794	7,794
3-Apr-2018	The Vanguard Group, Inc.	BUY	3.93	Ordinary	53,501	53,501
4-Apr-2018	The Vanguard Group, Inc.	BUY	3.96	Ordinary	30,152	30,152
5-Apr-2018	The Vanguard Group, Inc.	BUY	3.96	Ordinary	8,127	8,127
10-Apr-2018	The Vanguard Group, Inc.	BUY	3.93	Ordinary	3,483	3,483
12-Apr-2018	The Vanguard Group, Inc.	BUY	3.99	Ordinary	7,794	7,794
13-Apr-2018	The Vanguard Group, Inc.	BUY	3.98	Ordinary	8,127	8,127
16-Apr-2018	The Vanguard Group, Inc.	BUY	4.15	Ordinary	8,127	8,127
2-May-2018	The Vanguard Group, Inc.	BUY	4.15	Ordinary	4,644	4,644
2-May-2018	The Vanguard Group, Inc.	BUY	4.14	Ordinary	5,196	5,196
17-May-2018	The Vanguard Group, Inc.	BUY	4.09	Ordinary	7,794	7,794
21-May-2018	The Vanguard Group, Inc.	BUY	4.18	Ordinary	23,382	23,382
23-May-2018	The Vanguard Group, Inc.	BUY	4.19	Ordinary	7,794	7,794
31-May-2018	The Vanguard Group, Inc.	BUY				

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
			4.23	Ordinary	2,769	2,769
5-Jun-2018	The Vanguard Group, Inc.	BUY	4.27	Ordinary	20,784	20,784
11-Jun-2018	The Vanguard Group, Inc.	BUY	4.27	Ordinary	47,053	47,053
12-Jun-2018	The Vanguard Group, Inc.	BUY	4.27	Ordinary	7,794	7,794
13-Jun-2018	The Vanguard Group, Inc.	BUY	4.33	Ordinary	(34,375)	(34,375)
15-Jun-2018	The Vanguard Group, Inc.	SELL	4.42	Ordinary	17,970	17,970
18-Jun-2018	The Vanguard Group, Inc.	BUY	4.42	Ordinary	3,594	3,594
18-Jun-2018	The Vanguard Group, Inc.	BUY	4.45	Ordinary	5,554	5,554
19-Jun-2018	The Vanguard Group, Inc.	BUY	4.39	Ordinary	16,662	16,662
22-Jun-2018	The Vanguard Group, Inc.	BUY	4.48	Ordinary	(749)	(749)
27-Jun-2018	The Vanguard Group, Inc.	SELL	4.52	Ordinary	2,799	2,799
9-Jul-2018	The Vanguard Group, Inc.	BUY	4.16	Ordinary	(5,598)	(5,598)
18-Jul-2018	The Vanguard Group, Inc.	SELL	4.13	Ordinary	11,108	11,108
19-Jul-2018	The Vanguard Group, Inc.	BUY	4.09	Ordinary	11,108	11,108
24-Jul-2018	The Vanguard Group, Inc.	BUY	4.20	Ordinary	5,554	5,554
30-Jul-2018	The Vanguard Group, Inc.	BUY	4.27	Ordinary	8,331	8,331
31-Jul-2018	The Vanguard Group, Inc.	BUY	4.27	Ordinary	16,662	16,662
31-Jul-2018	The Vanguard Group, Inc.	BUY	4.24	Ordinary	8,331	8,331
3-Aug-2018	The Vanguard Group, Inc.	BUY	4.24	Ordinary	8,331	8,331
3-Aug-2018	The Vanguard Group, Inc.	BUY	4.25	Ordinary	11,108	11,108
6-Aug-2018	The Vanguard Group, Inc.	BUY	4.25	Ordinary	(6,531)	(6,531)
9-Aug-2018	The Vanguard Group, Inc.	SELL	4.25	Ordinary	8,331	8,331
9-Aug-2018	The Vanguard Group, Inc.	BUY	4.25	Ordinary	5,554	5,554
9-Aug-2018	The Vanguard Group, Inc.	BUY	4.25	Ordinary	8,331	8,331
16-Aug-2018	The Vanguard Group, Inc.	BUY	4.30	Ordinary	(3,195)	(3,195)
20-Aug-2018	The Vanguard Group, Inc.	SELL	4.30	Ordinary	(5,131)	(5,131)
20-Aug-2018	The Vanguard Group, Inc.	SELL	4.30	Ordinary	(421)	(421)
20-Aug-2018	The Vanguard Group, Inc.	SELL	4.30	Ordinary	(415)	(415)
20-Aug-2018	The Vanguard Group, Inc.	SELL	3.90	Ordinary		
23-Aug-2018	The Vanguard Group, Inc.	BUY	4.30	Ordinary	3,195	3,195
23-Aug-2018	The Vanguard Group, Inc.	BUY	4.30	Ordinary	5,131	5,131
23-Aug-2018	The Vanguard Group, Inc.	BUY	4.30	Ordinary	421	421
23-Aug-2018	The Vanguard Group, Inc.	BUY	4.30	Ordinary	421	421
23-Aug-2018	The Vanguard Group, Inc.	BUY	4.26	Ordinary	(5,049)	(5,049)
24-Aug-2018	The Vanguard Group, Inc.	SELL	4.26	Ordinary	5,049	5,049
24-Aug-2018	The Vanguard Group, Inc.	BUY	4.26	Ordinary	5,049	5,049
24-Aug-2018	The Vanguard Group, Inc.	BUY	4.26	Ordinary	(5,049)	(5,049)
24-Aug-2018	The Vanguard Group, Inc.	SELL	4.26	Ordinary	(5,049)	(5,049)
24-Aug-2018	The Vanguard Group, Inc.	BUY	4.27	Ordinary	5,554	5,554
24-Aug-2018	The Vanguard Group, Inc.	BUY	3.90	Ordinary	415	415
24-Aug-2018	The Vanguard Group, Inc.	BUY	4.30	Ordinary	(2,777)	(2,777)
7-Sep-2018	The Vanguard Group, Inc.	SELL	4.36	Ordinary	8,768	8,768
11-Sep-2018	The Vanguard Group, Inc.	BUY	4.36	Ordinary	(6,192)	(6,192)
17-Sep-2018	The Vanguard Group, Inc.	SELL	4.36	Ordinary	(11,660)	(11,660)
17-Sep-2018	The Vanguard Group, Inc.	SELL	4.34	Ordinary	(35,086)	(35,086)
21-Sep-2018	The Vanguard Group, Inc.	SELL	4.34	Ordinary	(66,081)	(66,081)
21-Sep-2018	The Vanguard Group, Inc.	SELL	4.12	Ordinary	(8,968)	(8,968)
12-Oct-2018	The Vanguard Group, Inc.	SELL	4.08	Ordinary	93,540	93,540
18-Oct-2018	The Vanguard Group, Inc.	BUY	4.04	Ordinary	67,566	67,566
18-Oct-2018	The Vanguard Group, Inc.	BUY	4.15	Ordinary	155,059	155,059
19-Oct-2018	The Vanguard Group, Inc.	BUY	4.07	Ordinary	(8,968)	(8,968)
23-Oct-2018	The Vanguard Group, Inc.	SELL	4.07	Ordinary	(3,363)	(3,363)
23-Oct-2018	The Vanguard Group, Inc.	SELL	4.08	Ordinary	43,311	43,311
26-Oct-2018	The Vanguard Group, Inc.	BUY	4.10	Ordinary	2,767	2,767
26-Oct-2018	The Vanguard Group, Inc.	BUY	4.12	Ordinary	10,000	10,000
29-Oct-2018	The Vanguard Group, Inc.	BUY	4.10	Ordinary	34,312	34,312
29-Oct-2018	The Vanguard Group, Inc.	BUY	4.10	Ordinary	(4,484)	(4,484)
29-Oct-2018	The Vanguard Group, Inc.	SELL	4.10	Ordinary	(4,484)	(4,484)
29-Oct-2018	The Vanguard Group, Inc.	SELL	4.12	Ordinary	(3,363)	(3,363)
31-Oct-2018	The Vanguard Group, Inc.	SELL	4.12	Ordinary	(14,573)	(14,573)
31-Oct-2018	The Vanguard Group, Inc.	SELL	4.19	Ordinary	4,830	4,830
12-Nov-2018	The Vanguard Group, Inc.	BUY	4.16	Ordinary	7,245	7,245
15-Nov-2018	The Vanguard Group, Inc.	BUY	4.14	Ordinary	7,245	7,245
30-Nov-2018	The Vanguard Group, Inc.	BUY	4.21	Ordinary	7,245	7,245
4-Dec-2018	The Vanguard Group, Inc.	BUY	4.05	Ordinary	32,392	32,392
6-Dec-2018	The Vanguard Group, Inc.	BUY	4.05	Ordinary	412,208	412,208
6-Dec-2018	The Vanguard Group, Inc.	BUY	4.05	Ordinary	170,086	170,086
6-Dec-2018	The Vanguard Group, Inc.	BUY	4.05	Ordinary	8,986	8,986
6-Dec-2018	The Vanguard Group, Inc.	BUY	4.05	Ordinary	134,314	134,314
6-Dec-2018	The Vanguard Group, Inc.	BUY	4.19	Ordinary	9,660	9,660
6-Dec-2018	The Vanguard Group, Inc.	BUY	4.05	Ordinary	18,936	18,936
6-Dec-2018	The Vanguard Group, Inc.	BUY	4.11	Ordinary	11,347	11,347
6-Dec-2018	The Vanguard Group, Inc.	BUY				

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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
7-Dec-2018	The Vanguard Group, Inc.	BUY	4.21	Ordinary	10,852	10,852
11-Dec-2018	The Vanguard Group, Inc.	BUY	4.29	Ordinary	10,852	10,852
12-Dec-2018	The Vanguard Group, Inc.	BUY	4.31	Ordinary	3,777	3,777
14-Dec-2018	The Vanguard Group, Inc.	BUY	4.28	Ordinary	8,139	8,139
19-Dec-2018	The Vanguard Group, Inc.	SELL	4.35	Ordinary	(7,554)	(7,554)
19-Dec-2018	The Vanguard Group, Inc.	BUY	4.35	Ordinary	10,852	10,852
21-Dec-2018	The Vanguard Group, Inc.	SELL	4.39	Ordinary	(32,178)	(32,178)
21-Dec-2018	The Vanguard Group, Inc.	SELL	4.39	Ordinary	(33,715)	(33,715)
21-Dec-2018	The Vanguard Group, Inc.	BUY	4.40	Ordinary	5,023	5,023
21-Dec-2018	The Vanguard Group, Inc.	BUY	4.36	Ordinary	(32,176)	(32,176)
24-Dec-2018	The Vanguard Group, Inc.	SELL	4.12	Ordinary	6,768	6,768
2-Jan-2019	The Vanguard Group, Inc.	BUY	4.12	Ordinary	20,304	20,304
2-Jan-2019	The Vanguard Group, Inc.	BUY	4.12	Ordinary	13,536	13,536
2-Jan-2019	The Vanguard Group, Inc.	BUY	4.20	Ordinary	107,765	107,765
3-Jan-2019	The Vanguard Group, Inc.	BUY	4.23	Ordinary	5,076	5,076
3-Jan-2019	The Vanguard Group, Inc.	BUY	4.23	Ordinary	24,394	24,394
4-Jan-2019	The Vanguard Group, Inc.	BUY	4.23	Ordinary	67,801	67,801
4-Jan-2019	The Vanguard Group, Inc.	BUY	4.28	Ordinary	1,692	1,692
4-Jan-2019	The Vanguard Group, Inc.	BUY	4.24	Ordinary	20,291	20,291
7-Jan-2019	The Vanguard Group, Inc.	BUY	4.24	Ordinary	56,396	56,396
7-Jan-2019	The Vanguard Group, Inc.	BUY	4.21	Ordinary	63,194	63,194
8-Jan-2019	The Vanguard Group, Inc.	BUY	4.21	Ordinary	22,736	22,736
8-Jan-2019	The Vanguard Group, Inc.	BUY	4.27	Ordinary	2,392	2,392
10-Jan-2019	The Vanguard Group, Inc.	BUY	4.30	Ordinary	4,784	4,784
11-Jan-2019	The Vanguard Group, Inc.	BUY	4.33	Ordinary	(1,196)	(1,196)
15-Jan-2019	The Vanguard Group, Inc.	SELL	4.35	Ordinary	(23,920)	(23,920)
16-Jan-2019	The Vanguard Group, Inc.	SELL	4.36	Ordinary	(6,768)	(6,768)
29-Jan-2019	The Vanguard Group, Inc.	SELL	4.34	Ordinary	(4,784)	(4,784)
1-Feb-2019	The Vanguard Group, Inc.	SELL	4.34	Ordinary	(5,980)	(5,980)
1-Feb-2019	The Vanguard Group, Inc.	SELL	4.34	Ordinary	(8,460)	(8,460)
1-Feb-2019	The Vanguard Group, Inc.	SELL	4.34	Ordinary	(6,768)	(6,768)
1-Feb-2019	The Vanguard Group, Inc.	SELL	4.34	Ordinary	(6,768)	(6,768)
7-Feb-2019	The Vanguard Group, Inc.	SELL	4.38	Ordinary	(4,024)	(4,024)
7-Feb-2019	The Vanguard Group, Inc.	SELL	4.38	Ordinary	(6,768)	(6,768)
7-Feb-2019	The Vanguard Group, Inc.	SELL	4.46	Ordinary	(5,076)	(5,076)
8-Feb-2019	The Vanguard Group, Inc.	SELL	4.57	Ordinary	(11,844)	(11,844)
13-Feb-2019	The Vanguard Group, Inc.	SELL	4.55	Ordinary	(6,768)	(6,768)
15-Feb-2019	The Vanguard Group, Inc.	SELL	4.40	Ordinary	52,320	52,320
19-Feb-2019	The Vanguard Group, Inc.	BUY	4.43	Ordinary	(8,460)	(8,460)
22-Feb-2019	The Vanguard Group, Inc.	SELL	4.42	Ordinary	1,196	1,196
25-Feb-2019	The Vanguard Group, Inc.	BUY	4.42	Ordinary	(5,076)	(5,076)
25-Feb-2019	The Vanguard Group, Inc.	SELL	4.42	Ordinary	(3,384)	(3,384)
25-Feb-2019	The Vanguard Group, Inc.	SELL	4.42	Ordinary	(3,384)	(3,384)
25-Feb-2019	The Vanguard Group, Inc.	SELL	4.42	Ordinary	(3,384)	(3,384)
25-Feb-2019	The Vanguard Group, Inc.	SELL	4.51	Ordinary	124,507	124,507
27-Feb-2019	The Vanguard Group, Inc.	BUY	4.33	Ordinary	(4,390)	(4,390)
20-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.33	Ordinary	4,398	4,398
21-Jun-2017	Vanguard Investments Australia Ltd	BUY	4.33	Ordinary	(20,649)	(20,649)
22-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.31	Ordinary	2,601	2,601
23-Jun-2017	Vanguard Investments Australia Ltd	BUY	4.29	Ordinary	6,597	6,597
27-Jun-2017	Vanguard Investments Australia Ltd	BUY	4.30	Ordinary	(2,569)	(2,569)
28-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.17	Ordinary	(2,511)	(2,511)
28-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.17	Ordinary	(17,610)	(17,610)
28-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.17	Ordinary	(22,208)	(22,208)
28-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.17	Ordinary	(19,578)	(19,578)
28-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.17	Ordinary	(334,408)	(334,408)
28-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.17	Ordinary	(46,902)	(46,902)
28-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	(2,195)	(2,195)
29-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	(2,144)	(2,144)
29-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	(15,041)	(15,041)
29-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	(18,967)	(18,967)
29-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	(16,721)	(16,721)
29-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	12,192	12,192
29-Jun-2017	Vanguard Investments Australia Ltd	BUY	4.18	Ordinary	(285,620)	(285,620)
29-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	(40,060)	(40,060)
29-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	(29,508)	(29,508)
30-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.13	Ordinary	(2,253)	(2,253)
30-Jun-2017	Vanguard Investments Australia Ltd	SELL	4.13	Ordinary	(55,949)	(55,949)
3-Jul-2017	Vanguard Investments Australia Ltd	SELL	4.10	Ordinary	2,032	2,032
5-Jul-2017	Vanguard Investments Australia Ltd	BUY	4.14	Ordinary	4,064	4,064
5-Jul-2017	Vanguard Investments Australia Ltd	BUY	4.14	Ordinary	19,622	19,622
6-Jul-2017	Vanguard Investments Australia Ltd	BUY	4.17	Ordinary	19,622	19,622

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			4.17	Ordinary	40,640	40,640
6-Jul-2017	Vanguard Investments Australia Ltd	BUY				
			4.17	Ordinary	(31,079)	(31,079)
6-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.12	Ordinary	(9,284)	(9,284)
11-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.11	Ordinary	6,096	6,096
11-Jul-2017	Vanguard Investments Australia Ltd	BUY				
			4.12	Ordinary	(11,359)	(11,359)
11-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.08	Ordinary	3,432	3,432
12-Jul-2017	Vanguard Investments Australia Ltd	BUY				
			4.10	Ordinary	(28,502)	(28,502)
13-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.10	Ordinary	19,909	19,909
13-Jul-2017	Vanguard Investments Australia Ltd	BUY				
			4.10	Ordinary	2,032	2,032
13-Jul-2017	Vanguard Investments Australia Ltd	BUY				
			4.10	Ordinary	(32,841)	(32,841)
13-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.11	Ordinary	(14,196)	(14,196)
17-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.10	Ordinary	6,096	6,096
17-Jul-2017	Vanguard Investments Australia Ltd	BUY				
			4.11	Ordinary	(14,560)	(14,560)
17-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.11	Ordinary	(31,309)	(31,309)
18-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.11	Ordinary	(27,195)	(27,195)
20-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.11	Ordinary	(10,743)	(10,743)
20-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.11	Ordinary	17,846	17,846
20-Jul-2017	Vanguard Investments Australia Ltd	BUY				
			4.11	Ordinary	6,096	6,096
20-Jul-2017	Vanguard Investments Australia Ltd	BUY				
			4.11	Ordinary	(42,805)	(42,805)
20-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.11	Ordinary	(16,910)	(16,910)
20-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.10	Ordinary	18,288	18,288
24-Jul-2017	Vanguard Investments Australia Ltd	BUY				
			4.12	Ordinary	(33,231)	(33,231)
25-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.11	Ordinary	(12,192)	(12,192)
25-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.12	Ordinary	(27,915)	(27,915)
25-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.10	Ordinary	(26,686)	(26,686)
27-Jul-2017	Vanguard Investments Australia Ltd	SELL				
			4.12	Ordinary	2,574	2,574
28-Jul-2017	Vanguard Investments Australia Ltd	BUY				
			4.16	Ordinary	4,064	4,064
3-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.15	Ordinary	(38,608)	(38,608)
4-Aug-2017	Vanguard Investments Australia Ltd	SELL				
			4.16	Ordinary	(17,478)	(17,478)
8-Aug-2017	Vanguard Investments Australia Ltd	SELL				
			4.20	Ordinary	2,032	2,032
9-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.20	Ordinary	6,096	6,096
9-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.19	Ordinary	3,840	3,840
10-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.16	Ordinary	10,872	10,872
14-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.12	Ordinary	3,480	3,480
15-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.13	Ordinary	3,414	3,414
22-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.13	Ordinary	3,758	3,758
22-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.07	Ordinary	6,102	6,102
25-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.06	Ordinary	6,627	6,627
29-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.07	Ordinary	23,290	23,290
30-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.05	Ordinary	2,485	2,485
31-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.06	Ordinary	1,095	1,095
31-Aug-2017	Vanguard Investments Australia Ltd	BUY				
			4.15	Ordinary	6,102	6,102
1-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.27	Ordinary	28,682	28,682
5-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.24	Ordinary	17,379	17,379
7-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.22	Ordinary	(2,433)	(2,433)
11-Sep-2017	Vanguard Investments Australia Ltd	SELL				
			4.22	Ordinary	2,034	2,034
14-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.27	Ordinary	127,970	127,970
15-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.27	Ordinary	253,090	253,090
15-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.28	Ordinary	6,102	6,102
15-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.27	Ordinary	35,586	35,586
15-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.28	Ordinary	10,205	10,205
21-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.28	Ordinary	10,766	10,766
21-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.31	Ordinary	26,146	26,146
26-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.23	Ordinary	116,888	116,888
28-Sep-2017	Vanguard Investments Australia Ltd	BUY				
			4.22	Ordinary	(21,686)	(21,686)
29-Sep-2017	Vanguard Investments Australia Ltd	SELL				
			4.21	Ordinary	(3,314)	(3,314)
3-Oct-2017	Vanguard Investments Australia Ltd	SELL				
			4.21	Ordinary	6,096	6,096
3-Oct-2017	Vanguard Investments Australia Ltd	BUY				
			4.13	Ordinary	7,740	7,740
4-Oct-2017	Vanguard Investments Australia Ltd	BUY				
			4.14	Ordinary	3,484	3,484
10-Oct-2017	Vanguard Investments Australia Ltd	BUY				
			4.16	Ordinary	4,064	4,064
12-Oct-2017	Vanguard Investments Australia Ltd	BUY				
			4.20	Ordinary	12,077	12,077
18-Oct-2017	Vanguard Investments Australia Ltd	BUY				
			4.17	Ordinary	(2,451)	(2,451)
25-Oct-2017	Vanguard Investments Australia Ltd	SELL				
			4.16	Ordinary	6,096	6,096
27-Oct-2017	Vanguard Investments Australia Ltd	BUY				
			4.16	Ordinary	6,546	6,546
27-Oct-2017	Vanguard Investments Australia Ltd	BUY				
			4.15	Ordinary	14,752	14,752
1-Nov-2017	Vanguard Investments Australia Ltd	BUY				
			4.15	Ordinary	6,096	6,096
6-Nov-2017	Vanguard Investments Australia Ltd	BUY				
			4.23	Ordinary	2,613	2,613
7-Nov-2017	Vanguard Investments Australia Ltd	BUY				
			4.23	Ordinary	8,127	8,127
7-Nov-2017	Vanguard Investments Australia Ltd	BUY				
			4.21	Ordinary	(12,247)	(12,247)
10-Nov-2017	Vanguard Investments Australia Ltd	SELL				

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			4.14	Ordinary	4,064	4,064
15-Nov-2017	Vanguard Investments Australia Ltd	BUY			(2,893)	(2,893)
16-Nov-2017	Vanguard Investments Australia Ltd	SELL	4.14	Ordinary	8,127	8,127
16-Nov-2017	Vanguard Investments Australia Ltd	BUY	4.14	Ordinary	3,484	3,484
20-Nov-2017	Vanguard Investments Australia Ltd	BUY	4.14	Ordinary	8,128	8,128
22-Nov-2017	Vanguard Investments Australia Ltd	BUY	4.14	Ordinary	9,030	9,030
22-Nov-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	(2,510)	(2,510)
24-Nov-2017	Vanguard Investments Australia Ltd	SELL	4.15	Ordinary	11,739	11,739
24-Nov-2017	Vanguard Investments Australia Ltd	BUY	4.22	Ordinary	(8,128)	(8,128)
29-Nov-2017	Vanguard Investments Australia Ltd	SELL	4.26	Ordinary	(3,717)	(3,717)
30-Nov-2017	Vanguard Investments Australia Ltd	SELL	4.30	Ordinary	3,364	3,364
1-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.30	Ordinary	2,955	2,955
4-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.30	Ordinary	(97,684)	(97,684)
4-Dec-2017	Vanguard Investments Australia Ltd	SELL	4.21	Ordinary	6,741	6,741
5-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.21	Ordinary	4,494	4,494
5-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.21	Ordinary	(23,256)	(23,256)
5-Dec-2017	Vanguard Investments Australia Ltd	SELL	4.21	Ordinary	(22,000)	(22,000)
5-Dec-2017	Vanguard Investments Australia Ltd	SELL	4.37	Ordinary	37,580	37,580
6-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.32	Ordinary	4,370	4,370
14-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	3,187	3,187
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	6,730	6,730
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	5,988	5,988
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	12,830	12,830
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	63,778	63,778
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	27,857	27,857
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.33	Ordinary	(3,733)	(3,733)
18-Dec-2017	Vanguard Investments Australia Ltd	SELL	4.15	Ordinary	27,361	27,361
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	49,849	49,849
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	656,906	656,906
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	10,889	10,889
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	126,091	126,091
18-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.30	Ordinary	22,500	22,500
19-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.30	Ordinary	4,500	4,500
19-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.29	Ordinary	4,625	4,625
20-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.29	Ordinary	7,713	7,713
20-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.24	Ordinary	22,500	22,500
27-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.21	Ordinary	38,282	38,282
28-Dec-2017	Vanguard Investments Australia Ltd	BUY	4.22	Ordinary	(45,680)	(45,680)
28-Dec-2017	Vanguard Investments Australia Ltd	SELL	4.13	Ordinary	2,751	2,751
4-Jan-2018	Vanguard Investments Australia Ltd	BUY	4.10	Ordinary	4,558	4,558
8-Jan-2018	Vanguard Investments Australia Ltd	BUY	4.06	Ordinary	(16,107)	(16,107)
10-Jan-2018	Vanguard Investments Australia Ltd	SELL	3.96	Ordinary	4,558	4,558
16-Jan-2018	Vanguard Investments Australia Ltd	BUY	3.96	Ordinary	(66,566)	(66,566)
16-Jan-2018	Vanguard Investments Australia Ltd	SELL	3.96	Ordinary	10,120	10,120
16-Jan-2018	Vanguard Investments Australia Ltd	BUY	3.94	Ordinary	5,502	5,502
24-Jan-2018	Vanguard Investments Australia Ltd	BUY	3.94	Ordinary	8,057	8,057
24-Jan-2018	Vanguard Investments Australia Ltd	BUY	3.91	Ordinary	4,558	4,558
25-Jan-2018	Vanguard Investments Australia Ltd	BUY	3.90	Ordinary	6,906	6,906
29-Jan-2018	Vanguard Investments Australia Ltd	BUY	3.87	Ordinary	30,590	30,590
30-Jan-2018	Vanguard Investments Australia Ltd	BUY	3.91	Ordinary	(87,476)	(87,476)
1-Feb-2018	Vanguard Investments Australia Ltd	SELL	3.88	Ordinary	4,558	4,558
2-Feb-2018	Vanguard Investments Australia Ltd	BUY	3.78	Ordinary	6,906	6,906
6-Feb-2018	Vanguard Investments Australia Ltd	BUY	3.78	Ordinary	29,993	29,993
7-Feb-2018	Vanguard Investments Australia Ltd	BUY	3.77	Ordinary	13,812	13,812
9-Feb-2018	Vanguard Investments Australia Ltd	BUY	3.75	Ordinary	(13,920)	(13,920)
13-Feb-2018	Vanguard Investments Australia Ltd	SELL	3.73	Ordinary	(2,439)	(2,439)
15-Feb-2018	Vanguard Investments Australia Ltd	SELL	3.73	Ordinary	9,876	9,876
20-Feb-2018	Vanguard Investments Australia Ltd	BUY	3.82	Ordinary	5,851	5,851
26-Feb-2018	Vanguard Investments Australia Ltd	BUY	3.82	Ordinary	4,640	4,640
26-Feb-2018	Vanguard Investments Australia Ltd	BUY	3.82	Ordinary	51,472	51,472
26-Feb-2018	Vanguard Investments Australia Ltd	BUY	3.82	Ordinary	31,206	31,206
26-Feb-2018	Vanguard Investments Australia Ltd	BUY	3.82	Ordinary	21,124	21,124
27-Feb-2018	Vanguard Investments Australia Ltd	BUY	3.83	Ordinary	(3,867)	(3,867)
28-Feb-2018	Vanguard Investments Australia Ltd	SELL	3.80	Ordinary	7,407	7,407
1-Mar-2018	Vanguard Investments Australia Ltd	BUY	3.84	Ordinary	3,813	3,813
8-Mar-2018	Vanguard Investments Australia Ltd	BUY	3.86	Ordinary	4,115	4,115
13-Mar-2018	Vanguard Investments Australia Ltd	BUY	3.90	Ordinary	2,844	2,844
15-Mar-2018	Vanguard Investments Australia Ltd	BUY	3.90	Ordinary	(32,298)	(32,298)
21-Mar-2018	Vanguard Investments Australia Ltd	SELL	3.91	Ordinary	4,878	4,878
21-Mar-2018	Vanguard Investments Australia Ltd	BUY	3.91	Ordinary		

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
			3.87	Ordinary	(4,979)	(4,979)
22-Mar-2018	Vanguard Investments Australia Ltd	SELL	3.94	Ordinary	3,700	3,700
26-Mar-2018	Vanguard Investments Australia Ltd	BUY	3.96	Ordinary	8,943	8,943
27-Mar-2018	Vanguard Investments Australia Ltd	BUY	3.91	Ordinary	(49,970)	(49,970)
29-Mar-2018	Vanguard Investments Australia Ltd	SELL	3.94	Ordinary	10,272	10,272
5-Apr-2018	Vanguard Investments Australia Ltd	BUY	3.99	Ordinary	(19,648)	(19,648)
19-Apr-2018	Vanguard Investments Australia Ltd	SELL	3.99	Ordinary	10,272	10,272
19-Apr-2018	Vanguard Investments Australia Ltd	BUY	3.96	Ordinary	2,775	2,775
20-Apr-2018	Vanguard Investments Australia Ltd	BUY	3.99	Ordinary	1,850	1,850
24-Apr-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	(2,637)	(2,637)
26-Apr-2018	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	4,625	4,625
2-May-2018	Vanguard Investments Australia Ltd	BUY	4.10	Ordinary	5,136	5,136
4-May-2018	Vanguard Investments Australia Ltd	BUY	4.16	Ordinary	58,015	58,015
11-May-2018	Vanguard Investments Australia Ltd	BUY	4.16	Ordinary	7,317	7,317
11-May-2018	Vanguard Investments Australia Ltd	BUY	4.16	Ordinary	(58,015)	(58,015)
11-May-2018	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	2,775	2,775
17-May-2018	Vanguard Investments Australia Ltd	BUY	4.14	Ordinary	5,992	5,992
18-May-2018	Vanguard Investments Australia Ltd	BUY	4.11	Ordinary	2,272	2,272
22-May-2018	Vanguard Investments Australia Ltd	BUY	4.12	Ordinary	6,848	6,848
22-May-2018	Vanguard Investments Australia Ltd	BUY	4.12	Ordinary	(6,231)	(6,231)
25-May-2018	Vanguard Investments Australia Ltd	SELL	4.21	Ordinary	2,272	2,272
29-May-2018	Vanguard Investments Australia Ltd	BUY	4.18	Ordinary	(12,448)	(12,448)
31-May-2018	Vanguard Investments Australia Ltd	SELL	4.20	Ordinary	5,992	5,992
31-May-2018	Vanguard Investments Australia Ltd	BUY	4.20	Ordinary	28,164	28,164
1-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.23	Ordinary	12,049	12,049
4-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.26	Ordinary	81,845	81,845
4-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.26	Ordinary	4,180	4,180
4-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.27	Ordinary	9,088	9,088
6-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	5,992	5,992
8-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.26	Ordinary	8,560	8,560
14-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.33	Ordinary	(29,832)	(29,832)
15-Jun-2018	Vanguard Investments Australia Ltd	SELL	4.43	Ordinary	28,892	28,892
21-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.43	Ordinary	3,344	3,344
25-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.43	Ordinary	70,171	70,171
28-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.42	Ordinary	4,616	4,616
29-Jun-2018	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	(60,331)	(60,331)
29-Jun-2018	Vanguard Investments Australia Ltd	SELL	4.41	Ordinary	2,308	2,308
5-Jul-2018	Vanguard Investments Australia Ltd	BUY	4.50	Ordinary	4,616	4,616
6-Jul-2018	Vanguard Investments Australia Ltd	BUY	4.51	Ordinary	6,993	6,993
6-Jul-2018	Vanguard Investments Australia Ltd	BUY	4.51	Ordinary	2,487	2,487
9-Jul-2018	Vanguard Investments Australia Ltd	BUY	4.21	Ordinary	4,616	4,616
16-Jul-2018	Vanguard Investments Australia Ltd	BUY	4.21	Ordinary	4,662	4,662
16-Jul-2018	Vanguard Investments Australia Ltd	BUY	4.21	Ordinary	4,616	4,616
18-Jul-2018	Vanguard Investments Australia Ltd	BUY	4.16	Ordinary	(7,330)	(7,330)
20-Jul-2018	Vanguard Investments Australia Ltd	SELL	4.16	Ordinary	9,251	9,251
20-Jul-2018	Vanguard Investments Australia Ltd	BUY	4.16	Ordinary	2,487	2,487
23-Jul-2018	Vanguard Investments Australia Ltd	BUY	4.09	Ordinary	4,616	4,616
26-Jul-2018	Vanguard Investments Australia Ltd	BUY	4.12	Ordinary	3,316	3,316
2-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.20	Ordinary	7,137	7,137
2-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.20	Ordinary	9,232	9,232
3-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.23	Ordinary	4,616	4,616
9-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	861	861
13-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.24	Ordinary	2,422	2,422
13-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.23	Ordinary	4,103	4,103
13-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.24	Ordinary	19,011	19,011
13-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.23	Ordinary	3,316	3,316
13-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.23	Ordinary	48,343	48,343
14-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	4,616	4,616
15-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.28	Ordinary	4,446	4,446
15-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.28	Ordinary	(4,793)	(4,793)
20-Aug-2018	Vanguard Investments Australia Ltd	SELL	4.27	Ordinary	5,840	5,840
21-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	4,616	4,616
23-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.26	Ordinary	5,101	5,101
29-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.30	Ordinary	2,487	2,487
30-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.28	Ordinary	2,487	2,487
31-Aug-2018	Vanguard Investments Australia Ltd	BUY	4.28	Ordinary	4,616	4,616
4-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	8,228	8,228
4-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	4,630	4,630
10-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.29	Ordinary	9,260	9,260
10-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.29	Ordinary	9,260	9,260

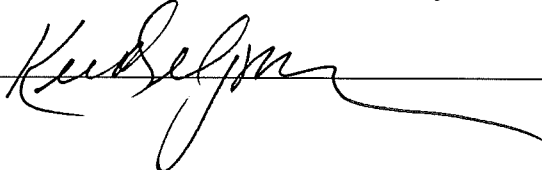
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Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
10-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.29	Ordinary	6,700	6,700
17-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.36	Ordinary	6,908	6,908
18-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	2,535	2,535
19-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.33	Ordinary	4,630	4,630
21-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.34	Ordinary	25,009	25,009
26-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.31	Ordinary	4,636	4,636
26-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.31	Ordinary	4,176	4,176
27-Sep-2018	Vanguard Investments Australia Ltd	BUY	4.23	Ordinary	53,592	53,592
28-Sep-2018	Vanguard Investments Australia Ltd	SELL	4.21	Ordinary	(23,729)	(23,729)
28-Sep-2018	Vanguard Investments Australia Ltd	SELL	4.20	Ordinary	(2,535)	(2,535)
1-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.23	Ordinary	6,507	6,507
3-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	9,240	9,240
4-Oct-2018	Vanguard Investments Australia Ltd	SELL	4.21	Ordinary	(5,864)	(5,864)
4-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.21	Ordinary	4,620	4,620
4-Oct-2018	Vanguard Investments Australia Ltd	SELL	4.21	Ordinary	(30,013)	(30,013)
8-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	2,535	2,535
8-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	7,398	7,398
11-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.19	Ordinary	8,880	8,880
15-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.08	Ordinary	6,930	6,930
17-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.04	Ordinary	11,747	11,747
23-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	4,425	4,425
23-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	3,937	3,937
23-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	8,435	8,435
23-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	43,893	43,893
23-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	18,131	18,131
23-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	17,988	17,988
23-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	38,348	38,348
23-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	448,320	448,320
23-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	2,535	2,535
23-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	91,770	91,770
24-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.13	Ordinary	8,508	8,508
25-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	4,884	4,884
25-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	1,690	1,690
25-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	9,422	9,422
31-Oct-2018	Vanguard Investments Australia Ltd	SELL	4.12	Ordinary	(12,210)	(12,210)
31-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.12	Ordinary	9,488	9,488
31-Oct-2018	Vanguard Investments Australia Ltd	BUY	4.12	Ordinary	1,779	1,779
1-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.12	Ordinary	1,186	1,186
2-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	4,884	4,884
2-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	7,326	7,326
2-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.07	Ordinary	7,709	7,709
9-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.17	Ordinary	4,896	4,896
12-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.21	Ordinary	8,554	8,554
13-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	2,514	2,514
14-Nov-2018	Vanguard Investments Australia Ltd	SELL	4.21	Ordinary	(32,280)	(32,280)
19-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.12	Ordinary	28,068	28,068
20-Nov-2018	Vanguard Investments Australia Ltd	SELL	4.14	Ordinary	(34,410)	(34,410)
22-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.15	Ordinary	8,708	8,708
26-Nov-2018	Vanguard Investments Australia Ltd	SELL	4.21	Ordinary	(6,912)	(6,912)
27-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.18	Ordinary	2,505	2,505
29-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.25	Ordinary	6,622	6,622
30-Nov-2018	Vanguard Investments Australia Ltd	BUY	4.13	Ordinary	4,878	4,878
3-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.19	Ordinary	7,826	7,826
6-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.17	Ordinary	10,226	10,226
6-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.17	Ordinary	5,604	5,604
11-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.29	Ordinary	7,764	7,764
11-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.29	Ordinary	12,940	12,940
12-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.32	Ordinary	125,969	125,969
14-Dec-2018	Vanguard Investments Australia Ltd	SELL	4.29	Ordinary	(3,882)	(3,882)
18-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	15,552	15,552
18-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.32	Ordinary	8,409	8,409
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	4,033	4,033
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	9,063	9,063
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	8,064	8,064
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	17,277	17,277
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	93,368	93,368
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	36,283	36,283
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	36,844	36,844
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	78,546	78,546

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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
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.35	Ordinary	44,588	44,588
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	911,835	911,835
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	20,356	20,356
19-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.05	Ordinary	198,034	198,034
20-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.37	Ordinary	5,606	5,606
20-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.38	Ordinary	53,504	53,504
21-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.39	Ordinary	8,847	8,847
21-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	29,846	29,846
21-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.38	Ordinary	115,779	115,779
21-Dec-2018	Vanguard Investments Australia Ltd	SELL	4.39	Ordinary	(175,334)	(175,334)
27-Dec-2018	Vanguard Investments Australia Ltd	BUY	4.44	Ordinary	3,060	3,060
31-Dec-2018	Vanguard Investments Australia Ltd	SELL	4.29	Ordinary	(21,885)	(21,885)
31-Dec-2018	Vanguard Investments Australia Ltd	SELL	4.29	Ordinary	(4,793)	(4,793)
8-Jan-2019	Vanguard Investments Australia Ltd	BUY	4.23	Ordinary	5,110	5,110
9-Jan-2019	Vanguard Investments Australia Ltd	BUY	4.20	Ordinary	5,758	5,758
11-Jan-2019	Vanguard Investments Australia Ltd	SELL	4.29	Ordinary	(5,623)	(5,623)
11-Jan-2019	Vanguard Investments Australia Ltd	BUY	4.29	Ordinary	6,252	6,252
14-Jan-2019	Vanguard Investments Australia Ltd	BUY	4.32	Ordinary	2,754	2,754
18-Jan-2019	Vanguard Investments Australia Ltd	BUY	4.34	Ordinary	31,537	31,537
22-Jan-2019	Vanguard Investments Australia Ltd	BUY	4.36	Ordinary	8,637	8,637
23-Jan-2019	Vanguard Investments Australia Ltd	BUY	4.33	Ordinary	2,879	2,879
29-Jan-2019	Vanguard Investments Australia Ltd	SELL	4.35	Ordinary	(33,189)	(33,189)
29-Jan-2019	Vanguard Investments Australia Ltd	SELL	4.36	Ordinary	(14,795)	(14,795)
30-Jan-2019	Vanguard Investments Australia Ltd	BUY	4.36	Ordinary	2,132	2,132
1-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.34	Ordinary	7,512	7,512
4-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.34	Ordinary	20,722	20,722
4-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.34	Ordinary	5,756	5,756
5-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.35	Ordinary	22,025	22,025
5-Feb-2019	Vanguard Investments Australia Ltd	SELL	4.35	Ordinary	(37,310)	(37,310)
7-Feb-2019	Vanguard Investments Australia Ltd	SELL	4.38	Ordinary	(7,881)	(7,881)
7-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.38	Ordinary	3,672	3,672
12-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.53	Ordinary	1,840	1,840
14-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.55	Ordinary	8,751	8,751
19-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	3,727	3,727
19-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	3,317	3,317
19-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	7,106	7,106
19-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	38,402	38,402
19-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	15,175	15,175
19-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	16,503	16,503
19-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	32,645	32,645
19-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	386,033	386,033
19-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.40	Ordinary	74,772	74,772
19-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.53	Ordinary	5,863	5,863
25-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.43	Ordinary	9,488	9,488
26-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.49	Ordinary	2,879	2,879
26-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.49	Ordinary	2,760	2,760
26-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.49	Ordinary	5,330	5,330
27-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.51	Ordinary	31,497	31,497
27-Feb-2019	Vanguard Investments Australia Ltd	BUY	4.51	Ordinary	700,115	700,115

This is Annexure A of 9 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature  Date 4-Mar-19