

Form 604Corporations 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 Vanguard Group (The Vanguard Group, Inc. and its controlled entities including those listed in Annexure A)
ACN/ARSN (if applicable) N/A

There was a change in the interests of the substantial holder on 16 December 2021

The previous notice was given to the company on 4 November 2019

The previous notice was dated 4 November 2019

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	33,881,985	8.996%	55,075,657	7.667%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
See Annexure A					

4. Present relevant interests

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

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Vanguard Group	Brown Brothers Harriman	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 256,607	256,607
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 2,693,644	2,693,644
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 45,018,821	45,018,821
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 7,106,585	7,106,585

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
N/A	N/A


6. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Vanguard Group	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

Signature

print name Shawn Acker capacity Compliance Manager

sign here  date 21 December 2021

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.

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

Substantial Holder Name Vanguard Group
ACN/ARSN N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
5-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	6,705	6,705
5-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	7,468	7,468
5-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	66,876	66,876
5-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	106,447	106,447
5-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	108,087	108,087
5-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	144,064	144,064
5-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	21,769	21,769
5-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	364,933	364,933
7-Nov-19	The Vanguard Group, Inc.	BUY	5.54	Ordinary	7,012	7,012
14-Nov-19	The Vanguard Group, Inc.	BUY	5.40	Ordinary	3,506	3,506
18-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	175	175
18-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	1,071	1,071
18-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	274	274
18-Nov-19	The Vanguard Group, Inc.	BUY	4.99	Ordinary	112	112
18-Nov-19	The Vanguard Group, Inc.	BUY	5.50	Ordinary	11,173	11,173
26-Nov-19	The Vanguard Group, Inc.	BUY	5.57	Ordinary	21,554	21,554
5-Dec-19	The Vanguard Group, Inc.	SELL	5.68	Ordinary	(26,066)	(26,066)
6-Dec-19	The Vanguard Group, Inc.	BUY	5.85	Ordinary	5,419	5,419
13-Dec-19	The Vanguard Group, Inc.	BUY	5.35	Ordinary	9,483	9,483
13-Dec-19	The Vanguard Group, Inc.	BUY	5.35	Ordinary	8,962	8,962
13-Dec-19	The Vanguard Group, Inc.	BUY	5.35	Ordinary	80,252	80,252
13-Dec-19	The Vanguard Group, Inc.	BUY	5.35	Ordinary	169,285	169,285
13-Dec-19	The Vanguard Group, Inc.	BUY	5.35	Ordinary	135,764	135,764
13-Dec-19	The Vanguard Group, Inc.	BUY	5.35	Ordinary	172,876	172,876
13-Dec-19	The Vanguard Group, Inc.	BUY	5.35	Ordinary	26,123	26,123
13-Dec-19	The Vanguard Group, Inc.	BUY	5.35	Ordinary	437,919	437,919
17-Dec-19	The Vanguard Group, Inc.	SELL	5.62	Ordinary	(120,169)	(120,169)
20-Dec-19	The Vanguard Group, Inc.	SELL	5.52	Ordinary	(167,677)	(167,677)
20-Dec-19	The Vanguard Group, Inc.	SELL	5.52	Ordinary	(254,721)	(254,721)
20-Dec-19	The Vanguard Group, Inc.	SELL	5.49	Ordinary	(15,903)	(15,903)
23-Dec-19	The Vanguard Group, Inc.	SELL	5.51	Ordinary	(13,673)	(13,673)
23-Dec-19	The Vanguard Group, Inc.	BUY	5.41	Ordinary	5,517	5,517
23-Dec-19	The Vanguard Group, Inc.	SELL	5.51	Ordinary	(20,771)	(20,771)
23-Dec-19	The Vanguard Group, Inc.	SELL	5.53	Ordinary	(9,564)	(9,564)
24-Dec-19	The Vanguard Group, Inc.	SELL	5.46	Ordinary	(1,277)	(1,277)
24-Dec-19	The Vanguard Group, Inc.	BUY	5.48	Ordinary	11,034	11,034
24-Dec-19	The Vanguard Group, Inc.	SELL	5.46	Ordinary	(1,941)	(1,941)
27-Dec-19	The Vanguard Group, Inc.	BUY	5.49	Ordinary	7,360	7,360
30-Dec-19	The Vanguard Group, Inc.	BUY	5.35	Ordinary	210	210
30-Dec-19	The Vanguard Group, Inc.	BUY	5.52	Ordinary	373	373
30-Dec-19	The Vanguard Group, Inc.	BUY	5.35	Ordinary	1,646	1,646
30-Dec-19	The Vanguard Group, Inc.	BUY	4.85	Ordinary	135	135
30-Dec-19	The Vanguard Group, Inc.	BUY	5.52	Ordinary	32,480	32,480
30-Dec-19	The Vanguard Group, Inc.	BUY	5.52	Ordinary	63,561	63,561
31-Dec-19	The Vanguard Group, Inc.	BUY	5.46	Ordinary	4,668	4,668
31-Dec-19	The Vanguard Group, Inc.	BUY	5.46	Ordinary	9,135	9,135
2-Jan-20	The Vanguard Group, Inc.	BUY	5.45	Ordinary	478	478
2-Jan-20	The Vanguard Group, Inc.	BUY	5.35	Ordinary	329	329
2-Jan-20	The Vanguard Group, Inc.	BUY	5.46	Ordinary	11,993	11,993
2-Jan-20	The Vanguard Group, Inc.	BUY	5.45	Ordinary	13,073	13,073
2-Jan-20	The Vanguard Group, Inc.	BUY	5.45	Ordinary	25,583	25,583
2-Jan-20	The Vanguard Group, Inc.	BUY	5.46	Ordinary	23,468	23,468
2-Jan-20	The Vanguard Group, Inc.	BUY	5.46	Ordinary	6,360	6,360
2-Jan-20	The Vanguard Group, Inc.	BUY	5.35	Ordinary	13,408	13,408
3-Jan-20	The Vanguard Group, Inc.	BUY	5.51	Ordinary	3,685	3,685
3-Jan-20	The Vanguard Group, Inc.	BUY	5.52	Ordinary	8,172	8,172
3-Jan-20	The Vanguard Group, Inc.	BUY	5.51	Ordinary	7,213	7,213
3-Jan-20	The Vanguard Group, Inc.	BUY	5.52	Ordinary	15,992	15,992
3-Jan-20	The Vanguard Group, Inc.	BUY	5.51	Ordinary	65,818	65,818
3-Jan-20	The Vanguard Group, Inc.	BUY	5.52	Ordinary	145,952	145,952
7-Jan-20	The Vanguard Group, Inc.	BUY	5.57	Ordinary	8,472	8,472

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
9-Jan-20	The Vanguard Group, Inc.	SELL	5.51	Ordinary	(8,472)	(8,472)
9-Jan-20	The Vanguard Group, Inc.	SELL	5.51	Ordinary	(29,652)	(29,652)
24-Jan-20	The Vanguard Group, Inc.	BUY	5.71	Ordinary	4,645	4,645
28-Jan-20	The Vanguard Group, Inc.	BUY	5.60	Ordinary	4,438	4,438
4-Feb-20	The Vanguard Group, Inc.	BUY	5.66	Ordinary	93,584	93,584
19-Feb-20	The Vanguard Group, Inc.	BUY	5.85	Ordinary	103,619	103,619
24-Feb-20	The Vanguard Group, Inc.	SELL	5.72	Ordinary	(3,030)	(3,030)
25-Feb-20	The Vanguard Group, Inc.	SELL	5.61	Ordinary	(1,212)	(1,212)
26-Feb-20	The Vanguard Group, Inc.	BUY	5.60	Ordinary	129,823	129,823
27-Feb-20	The Vanguard Group, Inc.	SELL	5.56	Ordinary	(10,565)	(10,565)
28-Feb-20	The Vanguard Group, Inc.	SELL	5.59	Ordinary	(4,226)	(4,226)
4-Mar-20	The Vanguard Group, Inc.	SELL	5.47	Ordinary	(7,188)	(7,188)
4-Mar-20	The Vanguard Group, Inc.	SELL	5.64	Ordinary	(6,339)	(6,339)
6-Mar-20	The Vanguard Group, Inc.	BUY	5.64	Ordinary	4,248	4,248
9-Mar-20	The Vanguard Group, Inc.	BUY	5.40	Ordinary	8,496	8,496
10-Mar-20	The Vanguard Group, Inc.	BUY	5.52	Ordinary	4,302	4,302
10-Mar-20	The Vanguard Group, Inc.	BUY	5.52	Ordinary	4,248	4,248
13-Mar-20	The Vanguard Group, Inc.	BUY	4.89	Ordinary	8,604	8,604
13-Mar-20	The Vanguard Group, Inc.	BUY	4.57	Ordinary	114,527	114,527
16-Mar-20	The Vanguard Group, Inc.	BUY	4.17	Ordinary	1,000	1,000
16-Mar-20	The Vanguard Group, Inc.	SELL	4.06	Ordinary	(8,556)	(8,556)
16-Mar-20	The Vanguard Group, Inc.	SELL	4.06	Ordinary	(1,818)	(1,818)
17-Mar-20	The Vanguard Group, Inc.	SELL	4.40	Ordinary	(1,105)	(1,105)
17-Mar-20	The Vanguard Group, Inc.	SELL	4.52	Ordinary	(6,417)	(6,417)
17-Mar-20	The Vanguard Group, Inc.	SELL	4.52	Ordinary	(2,424)	(2,424)
18-Mar-20	The Vanguard Group, Inc.	BUY	4.26	Ordinary	6,453	6,453
18-Mar-20	The Vanguard Group, Inc.	BUY	4.15	Ordinary	108,222	108,222
18-Mar-20	The Vanguard Group, Inc.	BUY	4.24	Ordinary	49,264	49,264
19-Mar-20	The Vanguard Group, Inc.	BUY	4.13	Ordinary	7,821	7,821
19-Mar-20	The Vanguard Group, Inc.	BUY	4.13	Ordinary	372,065	372,065
20-Mar-20	The Vanguard Group, Inc.	BUY	3.92	Ordinary	29,023	29,023
20-Mar-20	The Vanguard Group, Inc.	SELL	3.89	Ordinary	(6,432)	(6,432)
20-Mar-20	The Vanguard Group, Inc.	BUY	3.92	Ordinary	88,009	88,009
20-Mar-20	The Vanguard Group, Inc.	SELL	3.89	Ordinary	(3,030)	(3,030)
23-Mar-20	The Vanguard Group, Inc.	SELL	3.56	Ordinary	(2,424)	(2,424)
24-Mar-20	The Vanguard Group, Inc.	BUY	3.59	Ordinary	6,293	6,293
24-Mar-20	The Vanguard Group, Inc.	BUY	3.82	Ordinary	6,453	6,453
24-Mar-20	The Vanguard Group, Inc.	BUY	3.82	Ordinary	10,755	10,755
26-Mar-20	The Vanguard Group, Inc.	SELL	4.22	Ordinary	(1,818)	(1,818)
27-Mar-20	The Vanguard Group, Inc.	BUY	4.20	Ordinary	6,695	6,695
27-Mar-20	The Vanguard Group, Inc.	BUY	4.23	Ordinary	8,604	8,604
31-Mar-20	The Vanguard Group, Inc.	BUY	4.40	Ordinary	10,745	10,745
31-Mar-20	The Vanguard Group, Inc.	BUY	4.40	Ordinary	2,149	2,149
6-Apr-20	The Vanguard Group, Inc.	BUY	4.22	Ordinary	4,924	4,924
8-Apr-20	The Vanguard Group, Inc.	BUY	4.39	Ordinary	40,774	40,774
13-Apr-20	The Vanguard Group, Inc.	BUY	4.73	Ordinary	6,507	6,507
14-Apr-20	The Vanguard Group, Inc.	BUY	4.56	Ordinary	4,338	4,338
14-Apr-20	The Vanguard Group, Inc.	BUY	4.56	Ordinary	19,521	19,521
17-Apr-20	The Vanguard Group, Inc.	SELL	4.68	Ordinary	(9,376)	(9,376)
22-Apr-20	The Vanguard Group, Inc.	SELL	4.37	Ordinary	(13,642)	(13,642)
22-Apr-20	The Vanguard Group, Inc.	SELL	4.40	Ordinary	(8,064)	(8,064)
27-Apr-20	The Vanguard Group, Inc.	SELL	4.53	Ordinary	(4,338)	(4,338)
29-Apr-20	The Vanguard Group, Inc.	SELL	4.37	Ordinary	(4,338)	(4,338)
30-Apr-20	The Vanguard Group, Inc.	SELL	4.45	Ordinary	(8,676)	(8,676)
30-Apr-20	The Vanguard Group, Inc.	SELL	4.45	Ordinary	(4,338)	(4,338)
1-May-20	The Vanguard Group, Inc.	SELL	4.13	Ordinary	(2,424)	(2,424)
4-May-20	The Vanguard Group, Inc.	SELL	4.04	Ordinary	(10,845)	(10,845)
5-May-20	The Vanguard Group, Inc.	SELL	4.06	Ordinary	(10,845)	(10,845)
6-May-20	The Vanguard Group, Inc.	SELL	4.03	Ordinary	(8,064)	(8,064)
7-May-20	The Vanguard Group, Inc.	SELL	4.14	Ordinary	(6,507)	(6,507)
8-May-20	The Vanguard Group, Inc.	SELL	4.07	Ordinary	(4,242)	(4,242)
12-May-20	The Vanguard Group, Inc.	SELL	4.14	Ordinary	(13,014)	(13,014)
12-May-20	The Vanguard Group, Inc.	SELL	4.14	Ordinary	(6,507)	(6,507)
13-May-20	The Vanguard Group, Inc.	BUY	4.02	Ordinary	9,788	9,788
22-May-20	The Vanguard Group, Inc.	SELL	4.22	Ordinary	(16,374)	(16,374)
28-May-20	The Vanguard Group, Inc.	BUY	4.32	Ordinary	7,272	7,272
1-Jun-20	The Vanguard Group, Inc.	BUY	4.29	Ordinary	3,030	3,030
2-Jun-20	The Vanguard Group, Inc.	BUY	4.33	Ordinary	9,090	9,090

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-Jun-20	The Vanguard Group, Inc.	BUY	4.28	Ordinary	3,030	3,030
8-Jun-20	The Vanguard Group, Inc.	SELL	4.39	Ordinary	(28,449)	(28,449)
9-Jun-20	The Vanguard Group, Inc.	BUY	4.50	Ordinary	429	429
11-Jun-20	The Vanguard Group, Inc.	SELL	4.31	Ordinary	(12,644)	(12,644)
11-Jun-20	The Vanguard Group, Inc.	BUY	4.31	Ordinary	3,030	3,030
15-Jun-20	The Vanguard Group, Inc.	BUY	4.30	Ordinary	14,439	14,439
16-Jun-20	The Vanguard Group, Inc.	SELL	4.45	Ordinary	(4,374)	(4,374)
19-Jun-20	The Vanguard Group, Inc.	SELL	4.62	Ordinary	(6,328)	(6,328)
19-Jun-20	The Vanguard Group, Inc.	SELL	4.57	Ordinary	(6,561)	(6,561)
25-Jun-20	The Vanguard Group, Inc.	SELL	4.52	Ordinary	(8,680)	(8,680)
26-Jun-20	The Vanguard Group, Inc.	SELL	4.40	Ordinary	(6,510)	(6,510)
30-Jun-20	The Vanguard Group, Inc.	BUY	4.46	Ordinary	6,531	6,531
15-Jul-20	The Vanguard Group, Inc.	SELL	4.34	Ordinary	(7,368)	(7,368)
15-Jul-20	The Vanguard Group, Inc.	SELL	4.34	Ordinary	(2,456)	(2,456)
21-Jul-20	The Vanguard Group, Inc.	BUY	4.43	Ordinary	8,636	8,636
23-Jul-20	The Vanguard Group, Inc.	SELL	4.60	Ordinary	(6,510)	(6,510)
27-Jul-20	The Vanguard Group, Inc.	SELL	4.72	Ordinary	(12,224)	(12,224)
29-Jul-20	The Vanguard Group, Inc.	BUY	4.60	Ordinary	4,712	4,712
3-Aug-20	The Vanguard Group, Inc.	SELL	4.73	Ordinary	(6,510)	(6,510)
5-Aug-20	The Vanguard Group, Inc.	BUY	4.78	Ordinary	12,578	12,578
6-Aug-20	The Vanguard Group, Inc.	SELL	4.76	Ordinary	(6,510)	(6,510)
10-Aug-20	The Vanguard Group, Inc.	SELL	4.77	Ordinary	(8,680)	(8,680)
12-Aug-20	The Vanguard Group, Inc.	SELL	4.81	Ordinary	(6,510)	(6,510)
13-Aug-20	The Vanguard Group, Inc.	SELL	4.72	Ordinary	(2,456)	(2,456)
31-Aug-20	The Vanguard Group, Inc.	BUY	4.95	Ordinary	16,960	16,960
8-Sep-20	The Vanguard Group, Inc.	SELL	4.99	Ordinary	(8,680)	(8,680)
9-Sep-20	The Vanguard Group, Inc.	SELL	5.08	Ordinary	(6,510)	(6,510)
10-Sep-20	The Vanguard Group, Inc.	BUY	4.98	Ordinary	4,340	4,340
10-Sep-20	The Vanguard Group, Inc.	SELL	4.98	Ordinary	(6,510)	(6,510)
16-Sep-20	The Vanguard Group, Inc.	SELL	5.21	Ordinary	(4,340)	(4,340)
16-Sep-20	The Vanguard Group, Inc.	SELL	5.21	Ordinary	(8,680)	(8,680)
18-Sep-20	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(8,239)	(8,239)
18-Sep-20	The Vanguard Group, Inc.	SELL	5.17	Ordinary	(4,340)	(4,340)
23-Sep-20	The Vanguard Group, Inc.	SELL	5.03	Ordinary	(6,510)	(6,510)
23-Sep-20	The Vanguard Group, Inc.	SELL	5.03	Ordinary	(4,340)	(4,340)
23-Sep-20	The Vanguard Group, Inc.	SELL	5.03	Ordinary	(6,510)	(6,510)
25-Sep-20	The Vanguard Group, Inc.	SELL	5.22	Ordinary	(21,174)	(21,174)
25-Sep-20	The Vanguard Group, Inc.	SELL	5.22	Ordinary	(17,645)	(17,645)
25-Sep-20	The Vanguard Group, Inc.	SELL	5.22	Ordinary	(10,850)	(10,850)
25-Sep-20	The Vanguard Group, Inc.	SELL	5.22	Ordinary	(8,680)	(8,680)
28-Sep-20	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(4,340)	(4,340)
6-Oct-20	The Vanguard Group, Inc.	SELL	5.09	Ordinary	(35,290)	(35,290)
7-Oct-20	The Vanguard Group, Inc.	SELL	5.26	Ordinary	(31,761)	(31,761)
8-Oct-20	The Vanguard Group, Inc.	SELL	5.20	Ordinary	(17,645)	(17,645)
20-Oct-20	The Vanguard Group, Inc.	SELL	5.08	Ordinary	(7,058)	(7,058)
22-Oct-20	The Vanguard Group, Inc.	BUY	5.01	Ordinary	10,094	10,094
29-Oct-20	The Vanguard Group, Inc.	SELL	4.84	Ordinary	(6,510)	(6,510)
30-Oct-20	The Vanguard Group, Inc.	BUY	4.77	Ordinary	16,081	16,081
30-Oct-20	The Vanguard Group, Inc.	SELL	4.77	Ordinary	(9,045)	(9,045)
2-Nov-20	The Vanguard Group, Inc.	BUY	4.77	Ordinary	894	894
2-Nov-20	The Vanguard Group, Inc.	SELL	4.86	Ordinary	(8,680)	(8,680)
2-Nov-20	The Vanguard Group, Inc.	SELL	4.86	Ordinary	(10,850)	(10,850)
6-Nov-20	The Vanguard Group, Inc.	BUY	5.12	Ordinary	4,464	4,464
10-Nov-20	The Vanguard Group, Inc.	SELL	4.82	Ordinary	(4,340)	(4,340)
10-Nov-20	The Vanguard Group, Inc.	SELL	4.82	Ordinary	(8,680)	(8,680)
11-Nov-20	The Vanguard Group, Inc.	SELL	4.94	Ordinary	(6,510)	(6,510)
12-Nov-20	The Vanguard Group, Inc.	SELL	4.91	Ordinary	(4,340)	(4,340)
13-Nov-20	The Vanguard Group, Inc.	SELL	4.91	Ordinary	(7,058)	(7,058)
24-Nov-20	The Vanguard Group, Inc.	BUY	4.84	Ordinary	20,437	20,437
25-Nov-20	The Vanguard Group, Inc.	BUY	4.89	Ordinary	19,380	19,380
8-Dec-20	The Vanguard Group, Inc.	BUY	4.82	Ordinary	6,597	6,597
9-Dec-20	The Vanguard Group, Inc.	BUY	4.82	Ordinary	2,199	2,199
10-Dec-20	The Vanguard Group, Inc.	BUY	4.65	Ordinary	19,786	19,786
10-Dec-20	The Vanguard Group, Inc.	BUY	4.65	Ordinary	17,574	17,574
10-Dec-20	The Vanguard Group, Inc.	BUY	4.65	Ordinary	114,002	114,002
10-Dec-20	The Vanguard Group, Inc.	BUY	4.65	Ordinary	226,616	226,616
10-Dec-20	The Vanguard Group, Inc.	BUY	4.65	Ordinary	159,424	159,424
10-Dec-20	The Vanguard Group, Inc.	BUY	4.65	Ordinary	26,141	26,141

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-Dec-20	The Vanguard Group, Inc.	BUY	4.65	Ordinary	50,137	50,137
10-Dec-20	The Vanguard Group, Inc.	BUY	4.65	Ordinary	2,842	2,842
11-Dec-20	The Vanguard Group, Inc.	BUY	4.70	Ordinary	6,510	6,510
11-Dec-20	The Vanguard Group, Inc.	BUY	4.70	Ordinary	21,700	21,700
11-Dec-20	The Vanguard Group, Inc.	BUY	4.70	Ordinary	6,510	6,510
15-Dec-20	The Vanguard Group, Inc.	BUY	4.65	Ordinary	5,721	5,721
15-Dec-20	The Vanguard Group, Inc.	BUY	4.78	Ordinary	5,131	5,131
17-Dec-20	The Vanguard Group, Inc.	BUY	4.79	Ordinary	6,510	6,510
18-Dec-20	The Vanguard Group, Inc.	BUY	4.70	Ordinary	6,510	6,510
21-Dec-20	The Vanguard Group, Inc.	BUY	4.66	Ordinary	6,290	6,290
21-Dec-20	The Vanguard Group, Inc.	BUY	4.66	Ordinary	9,435	9,435
22-Dec-20	The Vanguard Group, Inc.	BUY	4.66	Ordinary	2,495	2,495
23-Dec-20	The Vanguard Group, Inc.	BUY	4.73	Ordinary	8,680	8,680
29-Dec-20	The Vanguard Group, Inc.	BUY	4.75	Ordinary	48,025	48,025
29-Dec-20	The Vanguard Group, Inc.	BUY	4.75	Ordinary	117,981	117,981
5-Jan-21	The Vanguard Group, Inc.	BUY	4.64	Ordinary	9,066	9,066
6-Jan-21	The Vanguard Group, Inc.	BUY	4.66	Ordinary	21,395	21,395
6-Jan-21	The Vanguard Group, Inc.	BUY	4.70	Ordinary	14,490	14,490
6-Jan-21	The Vanguard Group, Inc.	BUY	4.70	Ordinary	2,088	2,088
7-Jan-21	The Vanguard Group, Inc.	BUY	4.54	Ordinary	9,435	9,435
7-Jan-21	The Vanguard Group, Inc.	BUY	4.54	Ordinary	15,725	15,725
7-Jan-21	The Vanguard Group, Inc.	BUY	4.54	Ordinary	9,396	9,396
8-Jan-21	The Vanguard Group, Inc.	BUY	4.49	Ordinary	6,290	6,290
12-Jan-21	The Vanguard Group, Inc.	BUY	4.40	Ordinary	12,580	12,580
12-Jan-21	The Vanguard Group, Inc.	BUY	4.40	Ordinary	1,566	1,566
12-Jan-21	The Vanguard Group, Inc.	BUY	4.40	Ordinary	4,176	4,176
21-Jan-21	The Vanguard Group, Inc.	BUY	4.42	Ordinary	4,698	4,698
29-Jan-21	The Vanguard Group, Inc.	BUY	4.59	Ordinary	1,566	1,566
10-Feb-21	The Vanguard Group, Inc.	BUY	4.78	Ordinary	2,088	2,088
10-Feb-21	The Vanguard Group, Inc.	BUY	4.78	Ordinary	7,308	7,308
11-Feb-21	The Vanguard Group, Inc.	BUY	4.74	Ordinary	2,088	2,088
12-Feb-21	The Vanguard Group, Inc.	BUY	4.84	Ordinary	1,566	1,566
22-Feb-21	The Vanguard Group, Inc.	SELL	4.60	Ordinary	(9,091)	(9,091)
23-Feb-21	The Vanguard Group, Inc.	BUY	4.62	Ordinary	9,435	9,435
25-Feb-21	The Vanguard Group, Inc.	BUY	4.59	Ordinary	34,595	34,595
26-Feb-21	The Vanguard Group, Inc.	BUY	4.61	Ordinary	18,870	18,870
26-Feb-21	The Vanguard Group, Inc.	BUY	4.61	Ordinary	56,610	56,610
1-Mar-21	The Vanguard Group, Inc.	BUY	4.76	Ordinary	44,030	44,030
2-Mar-21	The Vanguard Group, Inc.	BUY	4.77	Ordinary	31,450	31,450
4-Mar-21	The Vanguard Group, Inc.	BUY	4.70	Ordinary	34,595	34,595
5-Mar-21	The Vanguard Group, Inc.	BUY	4.74	Ordinary	25,160	25,160
5-Mar-21	The Vanguard Group, Inc.	BUY	4.74	Ordinary	37,740	37,740
9-Mar-21	The Vanguard Group, Inc.	BUY	4.68	Ordinary	37,740	37,740
9-Mar-21	The Vanguard Group, Inc.	BUY	4.68	Ordinary	7,280	7,280
10-Mar-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	31,450	31,450
15-Mar-21	The Vanguard Group, Inc.	BUY	4.69	Ordinary	22,015	22,015
16-Mar-21	The Vanguard Group, Inc.	BUY	4.70	Ordinary	9,435	9,435
16-Mar-21	The Vanguard Group, Inc.	BUY	4.70	Ordinary	18,870	18,870
16-Mar-21	The Vanguard Group, Inc.	BUY	4.70	Ordinary	47,175	47,175
16-Mar-21	The Vanguard Group, Inc.	BUY	4.68	Ordinary	55,632	55,632
17-Mar-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	18,870	18,870
17-Mar-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	37,740	37,740
18-Mar-21	The Vanguard Group, Inc.	SELL	4.63	Ordinary	(9,908)	(9,908)
19-Mar-21	The Vanguard Group, Inc.	BUY	4.70	Ordinary	4,110	4,110
19-Mar-21	The Vanguard Group, Inc.	BUY	4.70	Ordinary	191,528	191,528
19-Mar-21	The Vanguard Group, Inc.	BUY	4.70	Ordinary	55,767	55,767
22-Mar-21	The Vanguard Group, Inc.	BUY	4.73	Ordinary	17,592	17,592
22-Mar-21	The Vanguard Group, Inc.	BUY	4.73	Ordinary	38,116	38,116
23-Mar-21	The Vanguard Group, Inc.	BUY	4.75	Ordinary	391	391
25-Mar-21	The Vanguard Group, Inc.	BUY	4.82	Ordinary	54,926	54,926
30-Mar-21	The Vanguard Group, Inc.	SELL	4.71	Ordinary	(7,431)	(7,431)
31-Mar-21	The Vanguard Group, Inc.	BUY	4.74	Ordinary	12,860	12,860
1-Apr-21	The Vanguard Group, Inc.	BUY	4.79	Ordinary	11,728	11,728
1-Apr-21	The Vanguard Group, Inc.	BUY	4.75	Ordinary	193,689	193,689
6-Apr-21	The Vanguard Group, Inc.	BUY	4.80	Ordinary	9,002	9,002
7-Apr-21	The Vanguard Group, Inc.	BUY	4.90	Ordinary	8,796	8,796
7-Apr-21	The Vanguard Group, Inc.	SELL	4.90	Ordinary	(9,944)	(9,944)
7-Apr-21	The Vanguard Group, Inc.	BUY	4.86	Ordinary	199,804	199,804

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9-Apr-21	The Vanguard Group, Inc.	SELL	4.90	Ordinary	(47,253)	(47,253)
9-Apr-21	The Vanguard Group, Inc.	BUY	4.90	Ordinary	10,288	10,288
12-Apr-21	The Vanguard Group, Inc.	SELL	4.88	Ordinary	(22,383)	(22,383)
12-Apr-21	The Vanguard Group, Inc.	SELL	4.88	Ordinary	(4,974)	(4,974)
13-Apr-21	The Vanguard Group, Inc.	BUY	4.88	Ordinary	8,796	8,796
13-Apr-21	The Vanguard Group, Inc.	BUY	4.88	Ordinary	7,716	7,716
14-Apr-21	The Vanguard Group, Inc.	BUY	4.87	Ordinary	7,716	7,716
15-Apr-21	The Vanguard Group, Inc.	BUY	4.90	Ordinary	2,820	2,820
19-Apr-21	The Vanguard Group, Inc.	BUY	4.88	Ordinary	8,010	8,010
19-Apr-21	The Vanguard Group, Inc.	SELL	4.74	Ordinary	(380)	(380)
19-Apr-21	The Vanguard Group, Inc.	BUY	4.88	Ordinary	12,860	12,860
20-Apr-21	The Vanguard Group, Inc.	SELL	4.87	Ordinary	(18,400)	(18,400)
23-Apr-21	The Vanguard Group, Inc.	BUY	4.92	Ordinary	8,796	8,796
26-Apr-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	13,988	13,988
26-Apr-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	17,592	17,592
26-Apr-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	17,592	17,592
26-Apr-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	2,820	2,820
27-Apr-21	The Vanguard Group, Inc.	BUY	4.88	Ordinary	10,554	10,554
27-Apr-21	The Vanguard Group, Inc.	SELL	4.71	Ordinary	(651)	(651)
28-Apr-21	The Vanguard Group, Inc.	SELL	4.92	Ordinary	(2,500)	(2,500)
6-May-21	The Vanguard Group, Inc.	SELL	4.86	Ordinary	(5,012)	(5,012)
7-May-21	The Vanguard Group, Inc.	SELL	4.65	Ordinary	(1,126)	(1,126)
7-May-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	2,820	2,820
10-May-21	The Vanguard Group, Inc.	BUY	4.80	Ordinary	9,002	9,002
13-May-21	The Vanguard Group, Inc.	SELL	4.74	Ordinary	(13,627)	(13,627)
13-May-21	The Vanguard Group, Inc.	SELL	4.77	Ordinary	(7,755)	(7,755)
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	20,004	20,004
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	1,774	1,774
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	37	37
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	19,569	19,569
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	177,419	177,419
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	232,957	232,957
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	24,048	24,048
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	300,446	300,446
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	44,039	44,039
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	593,017	593,017
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	205,166	205,166
19-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	25,417	25,417
27-May-21	The Vanguard Group, Inc.	BUY	4.81	Ordinary	8,796	8,796
28-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	384	384
28-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	5,125	5,125
28-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	124	124
28-May-21	The Vanguard Group, Inc.	BUY	4.65	Ordinary	1,782	1,782
3-Jun-21	The Vanguard Group, Inc.	BUY	4.85	Ordinary	9,002	9,002
16-Jun-21	The Vanguard Group, Inc.	BUY	4.86	Ordinary	5,144	5,144
17-Jun-21	The Vanguard Group, Inc.	BUY	4.83	Ordinary	12,860	12,860
18-Jun-21	The Vanguard Group, Inc.	SELL	4.84	Ordinary	(9,601)	(9,601)
18-Jun-21	The Vanguard Group, Inc.	SELL	4.84	Ordinary	(60,632)	(60,632)
22-Jun-21	The Vanguard Group, Inc.	BUY	4.82	Ordinary	7,716	7,716
23-Jun-21	The Vanguard Group, Inc.	BUY	4.82	Ordinary	1,517	1,517
24-Jun-21	The Vanguard Group, Inc.	BUY	4.82	Ordinary	10,288	10,288
30-Jun-21	The Vanguard Group, Inc.	BUY	4.74	Ordinary	6,430	6,430
1-Jul-21	The Vanguard Group, Inc.	BUY	4.81	Ordinary	107,235	107,235
1-Jul-21	The Vanguard Group, Inc.	BUY	4.79	Ordinary	11,574	11,574
6-Jul-21	The Vanguard Group, Inc.	BUY	4.82	Ordinary	7,716	7,716
8-Jul-21	The Vanguard Group, Inc.	BUY	4.86	Ordinary	22,136	22,136
9-Jul-21	The Vanguard Group, Inc.	BUY	4.87	Ordinary	48,940	48,940
9-Jul-21	The Vanguard Group, Inc.	BUY	4.92	Ordinary	24,903	24,903
9-Jul-21	The Vanguard Group, Inc.	BUY	4.92	Ordinary	10,288	10,288
13-Jul-21	The Vanguard Group, Inc.	BUY	4.91	Ordinary	1,811	1,811
13-Jul-21	The Vanguard Group, Inc.	BUY	4.91	Ordinary	16,718	16,718
15-Jul-21	The Vanguard Group, Inc.	BUY	4.88	Ordinary	13,835	13,835
16-Jul-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	2,767	2,767
19-Jul-21	The Vanguard Group, Inc.	SELL	4.87	Ordinary	(8,301)	(8,301)
19-Jul-21	The Vanguard Group, Inc.	SELL	4.87	Ordinary	(5,534)	(5,534)
20-Jul-21	The Vanguard Group, Inc.	BUY	4.94	Ordinary	2,005	2,005
21-Jul-21	The Vanguard Group, Inc.	BUY	4.92	Ordinary	15,432	15,432
22-Jul-21	The Vanguard Group, Inc.	SELL	4.87	Ordinary	(35,971)	(35,971)

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22-Jul-21	The Vanguard Group, Inc.	SELL	4.87	Ordinary	(3,910)	(3,910)
23-Jul-21	The Vanguard Group, Inc.	SELL	4.95	Ordinary	(16,602)	(16,602)
26-Jul-21	The Vanguard Group, Inc.	BUY	4.95	Ordinary	21,862	21,862
28-Jul-21	The Vanguard Group, Inc.	BUY	4.90	Ordinary	12,030	12,030
29-Jul-21	The Vanguard Group, Inc.	SELL	4.84	Ordinary	(5,534)	(5,534)
29-Jul-21	The Vanguard Group, Inc.	BUY	4.84	Ordinary	6,256	6,256
2-Aug-21	The Vanguard Group, Inc.	BUY	4.90	Ordinary	3,910	3,910
5-Aug-21	The Vanguard Group, Inc.	BUY	4.95	Ordinary	10,025	10,025
16-Aug-21	The Vanguard Group, Inc.	BUY	5.12	Ordinary	5,144	5,144
16-Aug-21	The Vanguard Group, Inc.	BUY	5.12	Ordinary	12,860	12,860
17-Aug-21	The Vanguard Group, Inc.	BUY	5.10	Ordinary	6,015	6,015
19-Aug-21	The Vanguard Group, Inc.	BUY	5.18	Ordinary	7,820	7,820
20-Aug-21	The Vanguard Group, Inc.	BUY	5.27	Ordinary	6,430	6,430
23-Aug-21	The Vanguard Group, Inc.	BUY	5.27	Ordinary	5,144	5,144
23-Aug-21	The Vanguard Group, Inc.	BUY	5.27	Ordinary	7,716	7,716
23-Aug-21	The Vanguard Group, Inc.	BUY	5.27	Ordinary	3,128	3,128
23-Aug-21	The Vanguard Group, Inc.	BUY	5.27	Ordinary	4,692	4,692
26-Aug-21	The Vanguard Group, Inc.	BUY	5.18	Ordinary	4,010	4,010
27-Aug-21	The Vanguard Group, Inc.	BUY	5.19	Ordinary	5,144	5,144
1-Sep-21	The Vanguard Group, Inc.	BUY	5.29	Ordinary	6,015	6,015
16-Sep-21	The Vanguard Group, Inc.	BUY	5.32	Ordinary	33,204	33,204
17-Sep-21	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(104,534)	(104,534)
22-Sep-21	The Vanguard Group, Inc.	BUY	5.06	Ordinary	29,235	29,235
23-Sep-21	The Vanguard Group, Inc.	BUY	5.11	Ordinary	6,444	6,444
30-Sep-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	8,283	8,283
30-Sep-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	18,144	18,144
8-Oct-21	The Vanguard Group, Inc.	BUY	4.93	Ordinary	6,804	6,804
11-Oct-21	The Vanguard Group, Inc.	SELL	4.90	Ordinary	(11,044)	(11,044)
11-Oct-21	The Vanguard Group, Inc.	SELL	4.90	Ordinary	(38,654)	(38,654)
12-Oct-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	553	553
13-Oct-21	The Vanguard Group, Inc.	BUY	4.94	Ordinary	4,536	4,536
13-Oct-21	The Vanguard Group, Inc.	BUY	4.94	Ordinary	9,072	9,072
22-Oct-21	The Vanguard Group, Inc.	SELL	5.00	Ordinary	(13,805)	(13,805)
25-Oct-21	The Vanguard Group, Inc.	BUY	4.99	Ordinary	6,804	6,804
28-Oct-21	The Vanguard Group, Inc.	BUY	4.97	Ordinary	63,859	63,859
29-Oct-21	The Vanguard Group, Inc.	SELL	4.88	Ordinary	(3,800)	(3,800)
1-Nov-21	The Vanguard Group, Inc.	BUY	4.87	Ordinary	6,804	6,804
1-Nov-21	The Vanguard Group, Inc.	BUY	4.87	Ordinary	4,536	4,536
3-Nov-21	The Vanguard Group, Inc.	BUY	4.88	Ordinary	5,670	5,670
8-Nov-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	6,804	6,804
8-Nov-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	12,474	12,474
11-Nov-21	The Vanguard Group, Inc.	BUY	4.78	Ordinary	9,072	9,072
11-Nov-21	The Vanguard Group, Inc.	BUY	4.78	Ordinary	4,536	4,536
11-Nov-21	The Vanguard Group, Inc.	BUY	4.78	Ordinary	5,320	5,320
11-Nov-21	The Vanguard Group, Inc.	BUY	4.78	Ordinary	13,680	13,680
11-Nov-21	The Vanguard Group, Inc.	BUY	4.78	Ordinary	2,280	2,280
11-Nov-21	The Vanguard Group, Inc.	BUY	4.78	Ordinary	6,840	6,840
17-Nov-21	The Vanguard Group, Inc.	BUY	4.72	Ordinary	57,328	57,328
19-Nov-21	The Vanguard Group, Inc.	BUY	4.81	Ordinary	5,670	5,670
23-Nov-21	The Vanguard Group, Inc.	SELL	4.90	Ordinary	(21,730)	(21,730)
23-Nov-21	The Vanguard Group, Inc.	BUY	4.91	Ordinary	4,536	4,536
24-Nov-21	The Vanguard Group, Inc.	BUY	4.89	Ordinary	5,005	5,005
26-Nov-21	The Vanguard Group, Inc.	BUY	4.83	Ordinary	3,818	3,818
26-Nov-21	The Vanguard Group, Inc.	BUY	4.83	Ordinary	7,938	7,938
29-Nov-21	The Vanguard Group, Inc.	BUY	4.83	Ordinary	6,804	6,804
30-Nov-21	The Vanguard Group, Inc.	BUY	4.81	Ordinary	6,804	6,804
30-Nov-21	The Vanguard Group, Inc.	BUY	4.81	Ordinary	9,072	9,072
30-Nov-21	The Vanguard Group, Inc.	BUY	4.81	Ordinary	11,340	11,340
30-Nov-21	The Vanguard Group, Inc.	BUY	4.81	Ordinary	2,280	2,280
1-Dec-21	The Vanguard Group, Inc.	BUY	4.81	Ordinary	17,010	17,010
1-Dec-21	The Vanguard Group, Inc.	BUY	4.84	Ordinary	58,311	58,311
2-Dec-21	The Vanguard Group, Inc.	SELL	4.85	Ordinary	(8,394)	(8,394)
7-Dec-21	The Vanguard Group, Inc.	BUY	4.98	Ordinary	6,804	6,804
7-Dec-21	The Vanguard Group, Inc.	BUY	4.98	Ordinary	6,804	6,804
8-Dec-21	The Vanguard Group, Inc.	BUY	5.08	Ordinary	3,818	3,818
8-Dec-21	The Vanguard Group, Inc.	BUY	5.08	Ordinary	185,902	185,902
10-Dec-21	The Vanguard Group, Inc.	BUY	5.03	Ordinary	11,340	11,340
14-Dec-21	The Vanguard Group, Inc.	BUY	5.21	Ordinary	1,977	1,977

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14-Dec-21	The Vanguard Group, Inc.	BUY	5.21	Ordinary	17,010	17,010
31-Oct-19	Vanguard Investments Australia Ltd.	BUY	5.74	Ordinary	14,084	14,084
31-Oct-19	Vanguard Investments Australia Ltd.	BUY	5.74	Ordinary	16,944	16,944
31-Oct-19	Vanguard Investments Australia Ltd.	BUY	5.74	Ordinary	12,144	12,144
31-Oct-19	Vanguard Investments Australia Ltd.	SELL	5.74	Ordinary	(6,072)	(6,072)
1-Nov-19	Vanguard Investments Australia Ltd.	SELL	5.73	Ordinary	(8,711)	(8,711)
4-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.73	Ordinary	8,472	8,472
5-Nov-19	Vanguard Investments Australia Ltd.	SELL	5.68	Ordinary	(3,490)	(3,490)
5-Nov-19	Vanguard Investments Australia Ltd.	SELL	5.68	Ordinary	(79,895)	(79,895)
5-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.67	Ordinary	6,348	6,348
6-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.55	Ordinary	17,928	17,928
11-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	5,800	5,800
11-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	11,600	11,600
11-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	10,150	10,150
11-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	8,964	8,964
12-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	13,446	13,446
12-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	5,786	5,786
13-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	4,365	4,365
13-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	1,527	1,527
15-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.39	Ordinary	8,962	8,962
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	9,485	9,485
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	28,817	28,817
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	17,701	17,701
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	139,984	139,984
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	66,060	66,060
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	13,401	13,401
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	11,696	11,696
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	27,009	27,009
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	150,239	150,239
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	53,412	53,412
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	20,243	20,243
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	1,601,244	1,601,244
18-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.34	Ordinary	336,328	336,328
19-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.48	Ordinary	11,616	11,616
19-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.48	Ordinary	7,260	7,260
19-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.48	Ordinary	6,565	6,565
20-Nov-19	Vanguard Investments Australia Ltd.	SELL	5.47	Ordinary	(23,176)	(23,176)
20-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.47	Ordinary	14,175	14,175
20-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.47	Ordinary	14,175	14,175
20-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.47	Ordinary	3,654	3,654
21-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.45	Ordinary	10,815	10,815
22-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.44	Ordinary	9,452	9,452
25-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.52	Ordinary	7,240	7,240
25-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.52	Ordinary	13,032	13,032
25-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.52	Ordinary	105,622	105,622
26-Nov-19	Vanguard Investments Australia Ltd.	SELL	5.57	Ordinary	(5,435)	(5,435)
26-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	3,191	3,191
26-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	9,452	9,452
27-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.65	Ordinary	18,904	18,904
28-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.64	Ordinary	23,625	23,625
29-Nov-19	Vanguard Investments Australia Ltd.	BUY	5.67	Ordinary	6,036	6,036
2-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.74	Ordinary	18,900	18,900
2-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.74	Ordinary	14,175	14,175
2-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.74	Ordinary	16,928	16,928
4-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.62	Ordinary	18,900	18,900
4-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.62	Ordinary	18,900	18,900
4-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.62	Ordinary	17,825	17,825
4-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.62	Ordinary	11,044	11,044
6-Dec-19	Vanguard Investments Australia Ltd.	IN SPECIE	5.76	Ordinary	(105,005)	(105,005)
6-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.85	Ordinary	14,175	14,175
9-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.88	Ordinary	29,480	29,480
9-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.88	Ordinary	5,916	5,916
9-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.86	Ordinary	23,099	23,099
10-Dec-19	Vanguard Investments Australia Ltd.	SELL	5.76	Ordinary	(3,320)	(3,320)
11-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.68	Ordinary	14,175	14,175
11-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.68	Ordinary	14,175	14,175
13-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.42	Ordinary	20,140	20,140
13-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.42	Ordinary	5,040	5,040

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
16-Dec-19	Vanguard Investments Australia Ltd.	SELL	5.54	Ordinary	(4,613)	(4,613)
16-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.54	Ordinary	4,761	4,761
17-Dec-19	Vanguard Investments Australia Ltd.	SELL	5.62	Ordinary	(15,875)	(15,875)
18-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.61	Ordinary	20,140	20,140
18-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.61	Ordinary	7,266	7,266
19-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.59	Ordinary	20,140	20,140
19-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.59	Ordinary	20,140	20,140
20-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.49	Ordinary	20,140	20,140
23-Dec-19	Vanguard Investments Australia Ltd.	SELL	5.42	Ordinary	(3,421)	(3,421)
23-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.42	Ordinary	15,060	15,060
27-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.51	Ordinary	10,831	10,831
27-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.51	Ordinary	3,168	3,168
27-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.51	Ordinary	353,335	353,335
30-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.52	Ordinary	9,721	9,721
30-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.52	Ordinary	317,116	317,116
30-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.52	Ordinary	4,360	4,360
31-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.46	Ordinary	1,392	1,392
31-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.50	Ordinary	11,674	11,674
31-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.46	Ordinary	45,412	45,412
31-Dec-19	Vanguard Investments Australia Ltd.	BUY	5.50	Ordinary	2,730	2,730
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	11,382	11,382
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	41,287	41,287
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	25,361	25,361
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	200,564	200,564
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	94,648	94,648
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	16,757	16,757
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	38,698	38,698
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	215,257	215,257
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.45	Ordinary	3,943	3,943
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.46	Ordinary	3,577	3,577
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	74,693	74,693
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	29,242	29,242
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.45	Ordinary	128,635	128,635
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.46	Ordinary	116,672	116,672
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	4.43	Ordinary	2,344,241	2,344,241
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.45	Ordinary	6,516	6,516
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	496,518	496,518
3-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.51	Ordinary	35,854	35,854
3-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.52	Ordinary	79,507	79,507
3-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.45	Ordinary	23,116	23,116
7-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.54	Ordinary	3,270	3,270
7-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.49	Ordinary	174,468	174,468
8-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.45	Ordinary	11,558	11,558
8-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.45	Ordinary	8,220	8,220
9-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.50	Ordinary	11,558	11,558
9-Jan-20	Vanguard Investments Australia Ltd.	SELL	5.50	Ordinary	(4,408)	(4,408)
13-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.58	Ordinary	4,671	4,671
13-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.58	Ordinary	17,337	17,337
13-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.58	Ordinary	8,265	8,265
14-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.58	Ordinary	4,671	4,671
15-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.60	Ordinary	17,337	17,337
15-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.59	Ordinary	57,301	57,301
20-Jan-20	Vanguard Investments Australia Ltd.	SELL	5.55	Ordinary	(3,656)	(3,656)
20-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.55	Ordinary	17,337	17,337
21-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.58	Ordinary	8,205	8,205
28-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.59	Ordinary	17,337	17,337
30-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.63	Ordinary	17,337	17,337
30-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.63	Ordinary	8,220	8,220
31-Jan-20	Vanguard Investments Australia Ltd.	SELL	5.68	Ordinary	(1,741)	(1,741)
31-Jan-20	Vanguard Investments Australia Ltd.	BUY	5.67	Ordinary	4,295	4,295
3-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.65	Ordinary	17,334	17,334
7-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.51	Ordinary	5,340	5,340
10-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.55	Ordinary	40,021	40,021
11-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	23,112	23,112
11-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	10,680	10,680
11-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.57	Ordinary	42,814	42,814
12-Feb-20	Vanguard Investments Australia Ltd.	SELL	5.64	Ordinary	(1,777)	(1,777)
13-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.71	Ordinary	23,212	23,212

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
19-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.91	Ordinary	12,469	12,469
19-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.91	Ordinary	17,409	17,409
21-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.79	Ordinary	17,406	17,406
26-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.60	Ordinary	11,606	11,606
26-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.60	Ordinary	8,544	8,544
27-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.64	Ordinary	28,009	28,009
28-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.56	Ordinary	7,475	7,475
28-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.56	Ordinary	145,871	145,871
28-Feb-20	Vanguard Investments Australia Ltd.	BUY	5.56	Ordinary	7,965	7,965
2-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	4,662	4,662
3-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.50	Ordinary	17,331	17,331
3-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.50	Ordinary	14,094	14,094
4-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.59	Ordinary	8,908	8,908
5-Mar-20	Vanguard Investments Australia Ltd.	SELL	5.72	Ordinary	(5,116)	(5,116)
5-Mar-20	Vanguard Investments Australia Ltd.	SELL	5.72	Ordinary	(1,775)	(1,775)
9-Mar-20	Vanguard Investments Australia Ltd.	SELL	5.51	Ordinary	(1,625)	(1,625)
9-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.51	Ordinary	18,200	18,200
9-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.51	Ordinary	16,752	16,752
10-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	95,379	95,379
10-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	11,550	11,550
10-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.43	Ordinary	20,908	20,908
11-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.37	Ordinary	10,200	10,200
11-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.37	Ordinary	12,750	12,750
12-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.96	Ordinary	(208,106)	(208,106)
12-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.95	Ordinary	15,630	15,630
12-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.95	Ordinary	8,857	8,857
12-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.95	Ordinary	42,384	42,384
13-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.79	Ordinary	(9,804)	(9,804)
13-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	35,046	35,046
13-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.79	Ordinary	(19,656)	(19,656)
13-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	15,420	15,420
13-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	25,711	25,711
16-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.17	Ordinary	(1,649)	(1,649)
16-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.26	Ordinary	(205,434)	(205,434)
16-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.41	Ordinary	(3)	(3)
16-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.17	Ordinary	17,990	17,990
17-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.40	Ordinary	(23,920)	(23,920)
17-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.23	Ordinary	12,016	12,016
17-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.38	Ordinary	(317,099)	(317,099)
17-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.40	Ordinary	13,475	13,475
18-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.14	Ordinary	(158,351)	(158,351)
18-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.14	Ordinary	16,110	16,110
18-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.14	Ordinary	17,082	17,082
19-Mar-20	Vanguard Investments Australia Ltd.	BUY	3.93	Ordinary	1,498	1,498
19-Mar-20	Vanguard Investments Australia Ltd.	SELL	3.95	Ordinary	(300,917)	(300,917)
19-Mar-20	Vanguard Investments Australia Ltd.	BUY	3.93	Ordinary	11,868	11,868
20-Mar-20	Vanguard Investments Australia Ltd.	BUY	3.90	Ordinary	17,328	17,328
20-Mar-20	Vanguard Investments Australia Ltd.	BUY	3.90	Ordinary	16,089	16,089
23-Mar-20	Vanguard Investments Australia Ltd.	BUY	3.53	Ordinary	7,168	7,168
26-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.14	Ordinary	98,345	98,345
26-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.14	Ordinary	8,145	8,145
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	1	1
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.21	Ordinary	14,466	14,466
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	4	4
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.21	Ordinary	52,151	52,151
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.21	Ordinary	133,562	133,562
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	10	10
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	23,140	23,140
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	17,355	17,355
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	13,675	13,675
27-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.20	Ordinary	(14,769)	(14,769)
30-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.22	Ordinary	(1,559)	(1,559)
31-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.39	Ordinary	23,184	23,184
31-Mar-20	Vanguard Investments Australia Ltd.	SELL	4.39	Ordinary	(200,579)	(200,579)
31-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.39	Ordinary	10,940	10,940
1-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	22,064	22,064
1-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	6,708	6,708
2-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	25,760	25,760

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
2-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	7,710	7,710
3-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.18	Ordinary	3,184	3,184
7-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.39	Ordinary	28,640	28,640
7-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.39	Ordinary	18,410	18,410
8-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	57,960	57,960
9-Apr-20	Vanguard Investments Australia Ltd.	SELL	4.67	Ordinary	(14,054)	(14,054)
9-Apr-20	Vanguard Investments Australia Ltd.	SELL	4.67	Ordinary	(1,992)	(1,992)
9-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.67	Ordinary	17,952	17,952
14-Apr-20	Vanguard Investments Australia Ltd.	SELL	4.52	Ordinary	(26,071)	(26,071)
14-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.52	Ordinary	22,908	22,908
14-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.52	Ordinary	22,908	22,908
14-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.52	Ordinary	22,908	22,908
15-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.58	Ordinary	10,600	10,600
16-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.55	Ordinary	42,920	42,920
21-Apr-20	Vanguard Investments Australia Ltd.	SELL	4.38	Ordinary	(1,510)	(1,510)
21-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.38	Ordinary	9,333	9,333
21-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.38	Ordinary	10,980	10,980
22-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.37	Ordinary	22,844	22,844
23-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	8,220	8,220
28-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.41	Ordinary	22,844	22,844
28-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.41	Ordinary	9,990	9,990
29-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.34	Ordinary	4,623	4,623
30-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.48	Ordinary	6,164	6,164
30-Apr-20	Vanguard Investments Australia Ltd.	SELL	4.48	Ordinary	(10,245)	(10,245)
30-Apr-20	Vanguard Investments Australia Ltd.	BUY	4.48	Ordinary	22,844	22,844
1-May-20	Vanguard Investments Australia Ltd.	BUY	4.16	Ordinary	17,133	17,133
1-May-20	Vanguard Investments Australia Ltd.	BUY	4.16	Ordinary	11,380	11,380
1-May-20	Vanguard Investments Australia Ltd.	BUY	4.16	Ordinary	8,535	8,535
4-May-20	Vanguard Investments Australia Ltd.	BUY	4.00	Ordinary	15,792	15,792
5-May-20	Vanguard Investments Australia Ltd.	SELL	4.07	Ordinary	(4,760)	(4,760)
5-May-20	Vanguard Investments Australia Ltd.	SELL	4.07	Ordinary	(2,425)	(2,425)
6-May-20	Vanguard Investments Australia Ltd.	SELL	4.04	Ordinary	(3,332)	(3,332)
8-May-20	Vanguard Investments Australia Ltd.	BUY	4.06	Ordinary	566	566
11-May-20	Vanguard Investments Australia Ltd.	BUY	4.23	Ordinary	88,778	88,778
11-May-20	Vanguard Investments Australia Ltd.	BUY	4.23	Ordinary	34,158	34,158
12-May-20	Vanguard Investments Australia Ltd.	BUY	4.19	Ordinary	17,025	17,025
12-May-20	Vanguard Investments Australia Ltd.	BUY	4.19	Ordinary	7,882	7,882
13-May-20	Vanguard Investments Australia Ltd.	BUY	4.02	Ordinary	8,445	8,445
18-May-20	Vanguard Investments Australia Ltd.	BUY	4.02	Ordinary	14,961	14,961
19-May-20	Vanguard Investments Australia Ltd.	BUY	4.07	Ordinary	170,570	170,570
19-May-20	Vanguard Investments Australia Ltd.	BUY	4.07	Ordinary	11,060	11,060
20-May-20	Vanguard Investments Australia Ltd.	SELL	4.10	Ordinary	(1,744)	(1,744)
20-May-20	Vanguard Investments Australia Ltd.	BUY	4.10	Ordinary	4,587	4,587
20-May-20	Vanguard Investments Australia Ltd.	BUY	4.10	Ordinary	8,880	8,880
21-May-20	Vanguard Investments Australia Ltd.	BUY	4.13	Ordinary	17,022	17,022
22-May-20	Vanguard Investments Australia Ltd.	BUY	4.19	Ordinary	6,600	6,600
25-May-20	Vanguard Investments Australia Ltd.	BUY	4.20	Ordinary	5,500	5,500
26-May-20	Vanguard Investments Australia Ltd.	BUY	4.38	Ordinary	47,888	47,888
26-May-20	Vanguard Investments Australia Ltd.	BUY	4.38	Ordinary	8,250	8,250
27-May-20	Vanguard Investments Australia Ltd.	BUY	4.30	Ordinary	46,633	46,633
27-May-20	Vanguard Investments Australia Ltd.	BUY	4.30	Ordinary	2,221	2,221
28-May-20	Vanguard Investments Australia Ltd.	BUY	4.33	Ordinary	22,700	22,700
29-May-20	Vanguard Investments Australia Ltd.	BUY	4.37	Ordinary	22,944	22,944
29-May-20	Vanguard Investments Australia Ltd.	BUY	4.37	Ordinary	110,545	110,545
29-May-20	Vanguard Investments Australia Ltd.	BUY	4.38	Ordinary	15,909	15,909
29-May-20	Vanguard Investments Australia Ltd.	BUY	4.38	Ordinary	7,860	7,860
1-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.23	Ordinary	9,766	9,766
1-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.25	Ordinary	64,606	64,606
1-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.25	Ordinary	11,350	11,350
2-Jun-20	Vanguard Investments Australia Ltd.	SELL	4.28	Ordinary	(1,765)	(1,765)
2-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.29	Ordinary	19,837	19,837
3-Jun-20	Vanguard Investments Australia Ltd.	SELL	4.31	Ordinary	(2,529)	(2,529)
3-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.26	Ordinary	98,192	98,192
4-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.28	Ordinary	65,076	65,076
4-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.28	Ordinary	22,700	22,700
4-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.28	Ordinary	22,700	22,700
5-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.31	Ordinary	7,665	7,665
5-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.31	Ordinary	6,132	6,132

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
9-Jun-20	Vanguard Investments Australia Ltd.	SELL	4.50	Ordinary	(2,546)	(2,546)
10-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	5,607	5,607
10-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.49	Ordinary	53,132	53,132
11-Jun-20	Vanguard Investments Australia Ltd.	SELL	4.46	Ordinary	(1,759)	(1,759)
11-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	28,030	28,030
11-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	22,424	22,424
11-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	7,665	7,665
15-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.30	Ordinary	10,020	10,020
16-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	4,960	4,960
17-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.55	Ordinary	7,455	7,455
19-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.63	Ordinary	4,698	4,698
19-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.63	Ordinary	184,391	184,391
19-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.62	Ordinary	984	984
23-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.59	Ordinary	19,256	19,256
23-Jun-20	Vanguard Investments Australia Ltd.	SELL	4.59	Ordinary	(7,701)	(7,701)
24-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.66	Ordinary	21,423	21,423
25-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	22,632	22,632
25-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	10,235	10,235
29-Jun-20	Vanguard Investments Australia Ltd.	BUY	4.33	Ordinary	22,944	22,944
29-Jun-20	Vanguard Investments Australia Ltd.	SELL	4.33	Ordinary	(28,648)	(28,648)
30-Jun-20	Vanguard Investments Australia Ltd.	SELL	4.28	Ordinary	(25,548)	(25,548)
30-Jun-20	Vanguard Investments Australia Ltd.	SELL	4.29	Ordinary	(181,313)	(181,313)
1-Jul-20	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	5,673	5,673
6-Jul-20	Vanguard Investments Australia Ltd.	BUY	4.45	Ordinary	22,696	22,696
8-Jul-20	Vanguard Investments Australia Ltd.	SELL	4.21	Ordinary	(54,614)	(54,614)
9-Jul-20	Vanguard Investments Australia Ltd.	SELL	4.27	Ordinary	(102,798)	(102,798)
16-Jul-20	Vanguard Investments Australia Ltd.	SELL	4.29	Ordinary	(4,059)	(4,059)
17-Jul-20	Vanguard Investments Australia Ltd.	SELL	4.38	Ordinary	(1,702)	(1,702)
23-Jul-20	Vanguard Investments Australia Ltd.	SELL	4.65	Ordinary	(9,246)	(9,246)
24-Jul-20	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	22,696	22,696
27-Jul-20	Vanguard Investments Australia Ltd.	SELL	4.70	Ordinary	(1,550)	(1,550)
28-Jul-20	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	5,674	5,674
30-Jul-20	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	5,863	5,863
5-Aug-20	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	6,780	6,780
6-Aug-20	Vanguard Investments Australia Ltd.	SELL	4.73	Ordinary	(1,769)	(1,769)
7-Aug-20	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	9,100	9,100
11-Aug-20	Vanguard Investments Australia Ltd.	SELL	4.85	Ordinary	(4,680)	(4,680)
12-Aug-20	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	5,916	5,916
13-Aug-20	Vanguard Investments Australia Ltd.	SELL	4.74	Ordinary	(1,883)	(1,883)
19-Aug-20	Vanguard Investments Australia Ltd.	SELL	4.85	Ordinary	(34,002)	(34,002)
20-Aug-20	Vanguard Investments Australia Ltd.	SELL	4.92	Ordinary	(1,526)	(1,526)
21-Aug-20	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	7,172	7,172
25-Aug-20	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	7,095	7,095
1-Sep-20	Vanguard Investments Australia Ltd.	SELL	4.89	Ordinary	(292,448)	(292,448)
1-Sep-20	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	7,456	7,456
4-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	2,471	2,471
7-Sep-20	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	6,344	6,344
9-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	8,766	8,766
16-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	6,264	6,264
16-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	3,243	3,243
16-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	109,860	109,860
16-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.22	Ordinary	2,435	2,435
18-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	17,530	17,530
18-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	2,430	2,430
18-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	3,888	3,888
21-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	1,479	1,479
22-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	22,604	22,604
24-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	2,504	2,504
24-Sep-20	Vanguard Investments Australia Ltd.	SELL	5.13	Ordinary	(7,160)	(7,160)
24-Sep-20	Vanguard Investments Australia Ltd.	SELL	5.13	Ordinary	(56,900)	(56,900)
24-Sep-20	Vanguard Investments Australia Ltd.	SELL	5.09	Ordinary	(41,651)	(41,651)
25-Sep-20	Vanguard Investments Australia Ltd.	SELL	5.17	Ordinary	(4,556)	(4,556)
25-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	5,050	5,050
28-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	5,370	5,370
29-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	28,290	28,290
29-Sep-20	Vanguard Investments Australia Ltd.	SELL	5.19	Ordinary	(64,423)	(64,423)
29-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.20	Ordinary	1,524	1,524
30-Sep-20	Vanguard Investments Australia Ltd.	SELL	5.02	Ordinary	(1,481)	(1,481)

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30-Sep-20	Vanguard Investments Australia Ltd.	SELL	5.02	Ordinary	(50,887)	(50,887)
30-Sep-20	Vanguard Investments Australia Ltd.	BUY	5.02	Ordinary	5,060	5,060
5-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	7,440	7,440
6-Oct-20	Vanguard Investments Australia Ltd.	SELL	5.15	Ordinary	(1,506)	(1,506)
6-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.15	Ordinary	4,950	4,950
7-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	5,370	5,370
7-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	22,592	22,592
8-Oct-20	Vanguard Investments Australia Ltd.	SELL	5.17	Ordinary	(39,536)	(39,536)
12-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	576	576
12-Oct-20	Vanguard Investments Australia Ltd.	SELL	5.11	Ordinary	(1,610)	(1,610)
13-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	5,050	5,050
15-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	114,831	114,831
15-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	22,588	22,588
16-Oct-20	Vanguard Investments Australia Ltd.	SELL	5.10	Ordinary	(2,231)	(2,231)
19-Oct-20	Vanguard Investments Australia Ltd.	SELL	5.07	Ordinary	(25,811)	(25,811)
20-Oct-20	Vanguard Investments Australia Ltd.	SELL	5.08	Ordinary	(22,588)	(22,588)
20-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	29,127	29,127
21-Oct-20	Vanguard Investments Australia Ltd.	SELL	5.05	Ordinary	(2,180)	(2,180)
22-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.01	Ordinary	22,588	22,588
23-Oct-20	Vanguard Investments Australia Ltd.	BUY	5.00	Ordinary	5,110	5,110
27-Oct-20	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	43,613	43,613
27-Oct-20	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	7,164	7,164
28-Oct-20	Vanguard Investments Australia Ltd.	SELL	4.88	Ordinary	(24,448)	(24,448)
28-Oct-20	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	5,020	5,020
29-Oct-20	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	2,910	2,910
30-Oct-20	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	5,373	5,373
3-Nov-20	Vanguard Investments Australia Ltd.	SELL	4.94	Ordinary	(3,091)	(3,091)
3-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	5,060	5,060
4-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.95	Ordinary	7,515	7,515
5-Nov-20	Vanguard Investments Australia Ltd.	BUY	5.07	Ordinary	1,004	1,004
10-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	8,534	8,534
11-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	5,373	5,373
11-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	89,968	89,968
12-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	5,644	5,644
13-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	8,330	8,330
13-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	25,970	25,970
17-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	3,582	3,582
17-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	4,860	4,860
18-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	11,286	11,286
18-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	33,858	33,858
19-Nov-20	Vanguard Investments Australia Ltd.	SELL	4.89	Ordinary	(1,704)	(1,704)
20-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	584	584
20-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	1,168	1,168
20-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	22,576	22,576
23-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	5,772	5,772
25-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	13,978	13,978
26-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	65,301	65,301
26-Nov-20	Vanguard Investments Australia Ltd.	SELL	4.87	Ordinary	(1,697)	(1,697)
26-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	5,376	5,376
26-Nov-20	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	22,576	22,576
30-Nov-20	Vanguard Investments Australia Ltd.	SELL	4.86	Ordinary	(28,094)	(28,094)
1-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	7,185	7,185
2-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	7,760	7,760
3-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	72,907	72,907
3-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	292	292
3-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	22,576	22,576
4-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	4,840	4,840
8-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	3,422	3,422
10-Dec-20	Vanguard Investments Australia Ltd.	SELL	4.67	Ordinary	(3,726)	(3,726)
11-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	876	876
11-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	6,201	6,201
14-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.73	Ordinary	5,127	5,127
14-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.73	Ordinary	22,540	22,540
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	23,523	23,523
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	59,536	59,536
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	32,515	32,515
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	170,778	170,778
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	84,539	84,539

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15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	14,877	14,877
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	34,451	34,451
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	212,246	212,246
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	50,578	50,578
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	62,593	62,593
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	1,730,781	1,730,781
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	4,840	4,840
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	511,045	511,045
16-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	10,344	10,344
16-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	2,620	2,620
16-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	33,187	33,187
16-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	94,772	94,772
16-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	11,324	11,324
16-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	4,870	4,870
17-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	9,310	9,310
17-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	2,358	2,358
17-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	85,296	85,296
17-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	10,191	10,191
17-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	6,305	6,305
18-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	83,789	83,789
18-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	21,215	21,215
18-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	3,980	3,980
18-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	767,665	767,665
18-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.71	Ordinary	91,727	91,727
22-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.66	Ordinary	9,900	9,900
23-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	5,353	5,353
29-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	16,926	16,926
29-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	3,974	3,974
29-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	683,353	683,353
30-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	5,961	5,961
30-Dec-20	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	33,405	33,405
31-Dec-20	Vanguard Investments Australia Ltd.	SELL	4.65	Ordinary	(9,751)	(9,751)
4-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.67	Ordinary	5,310	5,310
5-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	32,577	32,577
6-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.66	Ordinary	119,491	119,491
6-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.66	Ordinary	6,324	6,324
7-Jan-21	Vanguard Investments Australia Ltd.	SELL	4.52	Ordinary	(63,068)	(63,068)
8-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.48	Ordinary	26,488	26,488
8-Jan-21	Vanguard Investments Australia Ltd.	SELL	4.48	Ordinary	(99,275)	(99,275)
11-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.42	Ordinary	5,910	5,910
12-Jan-21	Vanguard Investments Australia Ltd.	SELL	4.38	Ordinary	(119,659)	(119,659)
14-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.46	Ordinary	8,128	8,128
15-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.50	Ordinary	(2,993)	(2,993)
18-Jan-21	Vanguard Investments Australia Ltd.	SELL	4.49	Ordinary	(20,839)	(20,839)
19-Jan-21	Vanguard Investments Australia Ltd.	SELL	4.50	Ordinary	(1,816)	(1,816)
19-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.50	Ordinary	26,492	26,492
19-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.50	Ordinary	2,500	2,500
20-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	606	606
20-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.47	Ordinary	5,910	5,910
21-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.55	Ordinary	10,316	10,316
22-Jan-21	Vanguard Investments Australia Ltd.	SELL	4.45	Ordinary	(2,371)	(2,371)
28-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.55	Ordinary	6,214	6,214
29-Jan-21	Vanguard Investments Australia Ltd.	BUY	4.62	Ordinary	71,291	71,291
2-Feb-21	Vanguard Investments Australia Ltd.	SELL	4.61	Ordinary	(1,638)	(1,638)
2-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.61	Ordinary	6,580	6,580
3-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	606	606
3-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	10,166	10,166
5-Feb-21	Vanguard Investments Australia Ltd.	SELL	4.70	Ordinary	(1,631)	(1,631)
5-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	59,421	59,421
5-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	1,386	1,386
8-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	7,996	7,996
8-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	5,997	5,997
9-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.69	Ordinary	26,492	26,492
9-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.69	Ordinary	26,492	26,492
10-Feb-21	Vanguard Investments Australia Ltd.	SELL	4.80	Ordinary	(1,578)	(1,578)
10-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	5,824	5,824
11-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	3,157	3,157
12-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	37,975	37,975

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
12-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	60,122	60,122
16-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	4,096	4,096
16-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	6,000	6,000
19-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.59	Ordinary	26,624	26,624
22-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.59	Ordinary	4,620	4,620
24-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.68	Ordinary	191,720	191,720
25-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.66	Ordinary	7,306	7,306
25-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.66	Ordinary	238,242	238,242
25-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.66	Ordinary	26,624	26,624
26-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.62	Ordinary	14,255	14,255
26-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.62	Ordinary	5,997	5,997
26-Feb-21	Vanguard Investments Australia Ltd.	BUY	4.62	Ordinary	4,790	4,790
3-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	9,880	9,880
5-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.69	Ordinary	4,970	4,970
8-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	915	915
9-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.66	Ordinary	1,497	1,497
10-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.63	Ordinary	6,012	6,012
17-Mar-21	Vanguard Investments Australia Ltd.	SELL	4.65	Ordinary	(1,635)	(1,635)
17-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	5,982	5,982
17-Mar-21	Vanguard Investments Australia Ltd.	SELL	4.65	Ordinary	(37,781)	(37,781)
17-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	5,080	5,080
19-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.70	Ordinary	10,395	10,395
19-Mar-21	Vanguard Investments Australia Ltd.	SELL	4.70	Ordinary	(2,719)	(2,719)
19-Mar-21	Vanguard Investments Australia Ltd.	SELL	4.70	Ordinary	(80,285)	(80,285)
23-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	51,672	51,672
25-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	26,484	26,484
26-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	26,484	26,484
29-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	3,988	3,988
29-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	26,484	26,484
30-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.69	Ordinary	66,290	66,290
30-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.69	Ordinary	13,258	13,258
30-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.69	Ordinary	6,266	6,266
30-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.69	Ordinary	5,302	5,302
31-Mar-21	Vanguard Investments Australia Ltd.	BUY	4.72	Ordinary	740	740
1-Apr-21	Vanguard Investments Australia Ltd.	IN SPECIE	4.77	Ordinary	(914,875)	(914,875)
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	47,201	47,201
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	19,761	19,761
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	1,467	1,467
7-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	25,409	25,409
7-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	5,796	5,796
8-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	2,234	2,234
8-Apr-21	Vanguard Investments Australia Ltd.	SELL	4.87	Ordinary	(1,598)	(1,598)
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	1,101	1,101
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	3,670	3,670
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	7,984	7,984
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	5,748	5,748
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	10,538	10,538
14-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	367	367
14-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	1,101	1,101
14-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	734	734
16-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	5,979	5,979
19-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	20,367	20,367
19-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	13,172	13,172
20-Apr-21	Vanguard Investments Australia Ltd.	SELL	4.87	Ordinary	(3,232)	(3,232)
20-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	26,344	26,344
20-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	9,840	9,840
21-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	68,378	68,378
26-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	5,979	5,979
28-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	9,542	9,542
29-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	1,468	1,468
29-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	5,412	5,412
30-Apr-21	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	5,976	5,976
3-May-21	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	1,101	1,101
3-May-21	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	4,920	4,920
5-May-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	5,260	5,260
5-May-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	5,976	5,976
6-May-21	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	3,984	3,984
6-May-21	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	7,395	7,395

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7-May-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	367	367
7-May-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	58,892	58,892
10-May-21	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	368	368
13-May-21	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	1,104	1,104
13-May-21	Vanguard Investments Australia Ltd.	BUY	4.74	Ordinary	736	736
14-May-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	5,979	5,979
14-May-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	6,902	6,902
17-May-21	Vanguard Investments Australia Ltd.	IN SPECIE	4.81	Ordinary	(619,088)	(619,088)
17-May-21	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	5,988	5,988
18-May-21	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	5,535	5,535
18-May-21	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	26,336	26,336
19-May-21	Vanguard Investments Australia Ltd.	BUY	4.66	Ordinary	7,072	7,072
20-May-21	Vanguard Investments Australia Ltd.	IN SPECIE	4.75	Ordinary	(1,815,047)	(1,815,047)
20-May-21	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	1,209	1,209
20-May-21	Vanguard Investments Australia Ltd.	BUY	4.75	Ordinary	8,696	8,696
21-May-21	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	2,821	2,821
21-May-21	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	403	403
21-May-21	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	11,100	11,100
25-May-21	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	6,720	6,720
26-May-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	403	403
26-May-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	45,503	45,503
27-May-21	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	8,700	8,700
27-May-21	Vanguard Investments Australia Ltd.	SELL	4.79	Ordinary	(41,766)	(41,766)
27-May-21	Vanguard Investments Australia Ltd.	BUY	4.79	Ordinary	28,764	28,764
28-May-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	23,409	23,409
28-May-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	41,042	41,042
28-May-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	35,424	35,424
28-May-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	15,771	15,771
28-May-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	33,417	33,417
28-May-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	220,345	220,345
28-May-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	9,211	9,211
28-May-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	75,611	75,611
28-May-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	2,180,642	2,180,642
28-May-21	Vanguard Investments Australia Ltd.	BUY	4.65	Ordinary	568,736	568,736
31-May-21	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	7,000	7,000
31-May-21	Vanguard Investments Australia Ltd.	BUY	4.78	Ordinary	79,370	79,370
2-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.78	Ordinary	28,764	28,764
3-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	403	403
4-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	28,764	28,764
8-Jun-21	Vanguard Investments Australia Ltd.	SELL	4.94	Ordinary	(3,586)	(3,586)
8-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	6,924	6,924
9-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	6,888	6,888
10-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	7,175	7,175
15-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	403	403
15-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	8,264	8,264
15-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	21,522	21,522
16-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	7,175	7,175
17-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	21,522	21,522
18-Jun-21	Vanguard Investments Australia Ltd.	SELL	4.83	Ordinary	(20,790)	(20,790)
18-Jun-21	Vanguard Investments Australia Ltd.	SELL	4.84	Ordinary	(420,484)	(420,484)
22-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	2,256	2,256
22-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	5,640	5,640
23-Jun-21	Vanguard Investments Australia Ltd.	IN SPECIE	4.80	Ordinary	(413,749)	(413,749)
23-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	796	796
23-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	28,096	28,096
24-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	796	796
28-Jun-21	Vanguard Investments Australia Ltd.	SELL	4.81	Ordinary	(28,227)	(28,227)
28-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	21,072	21,072
29-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.78	Ordinary	8,332	8,332
29-Jun-21	Vanguard Investments Australia Ltd.	BUY	4.78	Ordinary	6,528	6,528
30-Jun-21	Vanguard Investments Australia Ltd.	SELL	4.75	Ordinary	(17,052)	(17,052)
30-Jun-21	Vanguard Investments Australia Ltd.	SELL	4.76	Ordinary	(250,149)	(250,149)
2-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	1,194	1,194
2-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	20,712	20,712
2-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.80	Ordinary	2,685	2,685
6-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.81	Ordinary	27,616	27,616
7-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	7,336	7,336
8-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	6,904	6,904

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9-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	8,100	8,100
9-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	20,697	20,697
9-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	7,196	7,196
9-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	8,738	8,738
12-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	4,768	4,768
13-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	1,596	1,596
13-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	3,192	3,192
13-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	6,897	6,897
14-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	13,798	13,798
15-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.87	Ordinary	34,490	34,490
19-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	2,200	2,200
20-Jul-21	Vanguard Investments Australia Ltd.	SELL	4.91	Ordinary	(3,487)	(3,487)
20-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	6,102	6,102
20-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	5,232	5,232
22-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	3,342	3,342
22-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	20,688	20,688
23-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	5,184	5,184
27-Jul-21	Vanguard Investments Australia Ltd.	IN SPECIE	4.91	Ordinary	(537,513)	(537,513)
27-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	8,132	8,132
27-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	6,896	6,896
27-Jul-21	Vanguard Investments Australia Ltd.	SELL	4.91	Ordinary	(82,307)	(82,307)
29-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	399	399
29-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	20,688	20,688
30-Jul-21	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	2,087	2,087
3-Aug-21	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	14,872	14,872
3-Aug-21	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	5,544	5,544
5-Aug-21	Vanguard Investments Australia Ltd.	BUY	4.95	Ordinary	1,200	1,200
5-Aug-21	Vanguard Investments Australia Ltd.	BUY	4.95	Ordinary	8,224	8,224
6-Aug-21	Vanguard Investments Australia Ltd.	BUY	4.98	Ordinary	1,600	1,600
9-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	4,512	4,512
10-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.13	Ordinary	13,790	13,790
12-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	50,715	50,715
12-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.05	Ordinary	20,685	20,685
16-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	6,913	6,913
16-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	6,940	6,940
17-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	20,739	20,739
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	1,203	1,203
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	2,816	2,816
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.21	Ordinary	7,040	7,040
19-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	94,773	94,773
19-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	4,654	4,654
20-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.25	Ordinary	1,800	1,800
23-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	802	802
25-Aug-21	Vanguard Investments Australia Ltd.	SELL	5.19	Ordinary	(6,814)	(6,814)
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	2,338	2,338
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	8,224	8,224
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	20,775	20,775
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	4,732	4,732
26-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	3,590	3,590
27-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.18	Ordinary	128,310	128,310
30-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	1,206	1,206
30-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	27,700	27,700
30-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.19	Ordinary	4,788	4,788
31-Aug-21	Vanguard Investments Australia Ltd.	SELL	5.24	Ordinary	(9,679)	(9,679)
31-Aug-21	Vanguard Investments Australia Ltd.	BUY	5.24	Ordinary	20,775	20,775
2-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.31	Ordinary	1,206	1,206
2-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.31	Ordinary	34,630	34,630
2-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.31	Ordinary	5,344	5,344
3-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.35	Ordinary	1,608	1,608
6-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.36	Ordinary	3,936	3,936
7-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	8,216	8,216
7-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	20,754	20,754
8-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.31	Ordinary	99,598	99,598
9-Sep-21	Vanguard Investments Australia Ltd.	SELL	5.27	Ordinary	(4,293)	(4,293)
9-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	2,173	2,173
9-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.27	Ordinary	4,886	4,886
10-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.29	Ordinary	2,177	2,177
10-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.29	Ordinary	20,754	20,754

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15-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	20,754	20,754
15-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	4,056	4,056
16-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.33	Ordinary	36,712	36,712
17-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	1,612	1,612
17-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.28	Ordinary	6,168	6,168
17-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.29	Ordinary	751,526	751,526
20-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	1,620	1,620
20-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.12	Ordinary	448	448
22-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.09	Ordinary	2,531	2,531
22-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.09	Ordinary	808	808
23-Sep-21	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	1,071	1,071
24-Sep-21	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	4,887	4,887
27-Sep-21	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	4,040	4,040
27-Sep-21	Vanguard Investments Australia Ltd.	BUY	4.99	Ordinary	35,425	35,425
28-Sep-21	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	684	684
29-Sep-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	280	280
30-Sep-21	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	7,095	7,095
30-Sep-21	Vanguard Investments Australia Ltd.	SELL	4.94	Ordinary	(34,017)	(34,017)
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	1,995	1,995
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	1,596	1,596
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	1,776	1,776
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	1,665	1,665
4-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	595	595
5-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	3,200	3,200
5-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	8,216	8,216
5-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	21,102	21,102
7-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	14,068	14,068
8-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	12,386	12,386
8-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.94	Ordinary	2,480	2,480
11-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	2,005	2,005
11-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	28,136	28,136
12-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	2,807	2,807
12-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.88	Ordinary	8,208	8,208
14-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.92	Ordinary	3,228	3,228
15-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	1,872	1,872
18-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	1,604	1,604
19-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	1,604	1,604
19-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	6,156	6,156
21-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	1,339	1,339
25-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.98	Ordinary	28,136	28,136
26-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	1,604	1,604
27-Oct-21	Vanguard Investments Australia Ltd.	IN SPECIE	4.97	Ordinary	(273,413)	(273,413)
27-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	41,532	41,532
28-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	138,544	138,544
29-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	1,604	1,604
29-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	8,208	8,208
29-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	28,132	28,132
29-Oct-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	1,440	1,440
1-Nov-21	Vanguard Investments Australia Ltd.	SELL	4.86	Ordinary	(45,797)	(45,797)
1-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	400	400
2-Nov-21	Vanguard Investments Australia Ltd.	SELL	4.84	Ordinary	(27,637)	(27,637)
4-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	312	312
5-Nov-21	Vanguard Investments Australia Ltd.	IN SPECIE	4.90	Ordinary	(2,624,342)	(2,624,342)
5-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	1,604	1,604
9-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.85	Ordinary	1,056	1,056
10-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	6,150	6,150
10-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	35,598	35,598
11-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.77	Ordinary	1,608	1,608
15-Nov-21	Vanguard Investments Australia Ltd.	SELL	4.74	Ordinary	(1,409,070)	(1,409,070)
17-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.76	Ordinary	28,076	28,076
17-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.76	Ordinary	900	900
18-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	2,821	2,821
18-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	270	270
19-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	2,418	2,418
22-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.83	Ordinary	2,418	2,418
23-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	1,020	1,020
23-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	408	408
24-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.89	Ordinary	1,260	1,260

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
25-Nov-21	Vanguard Investments Australia Ltd.	IN SPECIE	4.92	Ordinary	(145,197)	(145,197)
25-Nov-21	Vanguard Investments Australia Ltd.	IN SPECIE	4.92	Ordinary	(375,097)	(375,097)
26-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	14,040	14,040
26-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.86	Ordinary	1,070	1,070
29-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	8,304	8,304
30-Nov-21	Vanguard Investments Australia Ltd.	SELL	4.85	Ordinary	(27,993)	(27,993)
30-Nov-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	1,344	1,344
2-Dec-21	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	4,014	4,014
2-Dec-21	Vanguard Investments Australia Ltd.	BUY	4.82	Ordinary	1,680	1,680
3-Dec-21	Vanguard Investments Australia Ltd.	BUY	4.84	Ordinary	14,038	14,038
7-Dec-21	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	2,418	2,418
7-Dec-21	Vanguard Investments Australia Ltd.	BUY	4.97	Ordinary	139,350	139,350
7-Dec-21	Vanguard Investments Australia Ltd.	BUY	4.96	Ordinary	1,356	1,356
8-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	80,835	80,835
8-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	1,635,315	1,635,315
8-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.08	Ordinary	1,500	1,500
9-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.06	Ordinary	6,417	6,417
10-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	8,707	8,707
10-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.03	Ordinary	1,884	1,884
14-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.23	Ordinary	2,821	2,821
15-Dec-21	Vanguard Investments Australia Ltd.	SELL	5.19	Ordinary	(67,167)	(67,167)
16-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	2,016	2,016
16-Dec-21	Vanguard Investments Australia Ltd.	BUY	5.17	Ordinary	2,184	2,184

This is Annexure A of 18 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature:



Name: Shawn Acker

Capacity: Compliance Manager

Date: 21 December 2021