

Form 605Corporations Act 2001
Section 671B**Notice of ceasing to be a substantial holder**

To Company Name/Scheme Alumina Limited
 ACN/ARSN 004 820 419

1. Details of substantial holder (1)

Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including Vanguard Investments Australia Ltd. and those listed in Annexure A)
 ACN/ARSN (if applicable) N/A

The holder ceased to be a substantial holder on 21 May 2021

The previous notice was given to the company on 26 December 2019

The previous notice was dated 26 December 2019

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) 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 (4)	Consideration given in relation to change (5)	Class (6) and number of securities affected	Person's votes affected
21 May 2021	Vanguard Investments Australia Ltd.	Vanguard Investments Australia Ltd. has ceased to be the Investment Manager for an institutional client mandate and as a result has ceased to hold a relevant interest in the shares held within that mandate.	Nil – There is no sell down activity associated with this change.	8,608,707 shares	Vanguard Group now holds 4.831% of voting power
See Annexure A for all other transactions					

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) 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

4. 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 26 May 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 4 of the form.

(2) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.

(3) See the definition of "associate" in section 9 of the Corporations Act 2001.

(4) 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.

(5) 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.

(6) The voting shares of a company constitute one class unless divided into separate classes.

(7) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

To Company	Alumina Limited
ACN/ARSN	004 820 419
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
24-Dec-2019	The Vanguard Group, Inc.	BUY	2.37	Ordinary	19,074	19,074
26-Dec-2019	The Vanguard Group, Inc.	BUY	2.38	Ordinary	47,685	47,685
27-Dec-2019	The Vanguard Group, Inc.	BUY	2.36	Ordinary	4,246	4,246
30-Dec-2019	The Vanguard Group, Inc.	BUY	2.35	Ordinary	7,955	7,955
31-Dec-2019	The Vanguard Group, Inc.	BUY	2.30	Ordinary	74,432	74,432
31-Dec-2019	The Vanguard Group, Inc.	BUY	2.30	Ordinary	1,536	1,536
31-Dec-2019	The Vanguard Group, Inc.	BUY	2.30	Ordinary	1,536	1,536
2-Jan-2020	The Vanguard Group, Inc.	BUY	2.31	Ordinary	4,246	4,246
3-Jan-2020	The Vanguard Group, Inc.	BUY	2.28	Ordinary	4,246	4,246
6-Jan-2020	The Vanguard Group, Inc.	BUY	2.30	Ordinary	12,738	12,738
6-Jan-2020	The Vanguard Group, Inc.	BUY	2.30	Ordinary	1,743	1,743
7-Jan-2020	The Vanguard Group, Inc.	BUY	2.32	Ordinary	135,941	135,941
7-Jan-2020	The Vanguard Group, Inc.	BUY	2.32	Ordinary	1,073	1,073
8-Jan-2020	The Vanguard Group, Inc.	BUY	2.31	Ordinary	116,567	116,567
8-Jan-2020	The Vanguard Group, Inc.	BUY	2.31	Ordinary	921	921
8-Jan-2020	The Vanguard Group, Inc.	BUY	2.28	Ordinary	1,536	1,536
8-Jan-2020	The Vanguard Group, Inc.	BUY	2.28	Ordinary	39,176	39,176
9-Jan-2020	The Vanguard Group, Inc.	BUY	2.32	Ordinary	57,222	57,222
10-Jan-2020	The Vanguard Group, Inc.	BUY	2.30	Ordinary	3,486	3,486
10-Jan-2020	The Vanguard Group, Inc.	BUY	2.31	Ordinary	1,536	1,536
13-Jan-2020	The Vanguard Group, Inc.	BUY	2.29	Ordinary	4,837	4,837
13-Jan-2020	The Vanguard Group, Inc.	BUY	2.29	Ordinary	1,536	1,536
14-Jan-2020	The Vanguard Group, Inc.	BUY	2.32	Ordinary	3,486	3,486
15-Jan-2020	The Vanguard Group, Inc.	BUY	2.29	Ordinary	25,432	25,432
15-Jan-2020	The Vanguard Group, Inc.	BUY	2.29	Ordinary	1,536	1,536
16-Jan-2020	The Vanguard Group, Inc.	BUY	2.30	Ordinary	28,611	28,611
17-Jan-2020	The Vanguard Group, Inc.	BUY	2.29	Ordinary	25,432	25,432
17-Jan-2020	The Vanguard Group, Inc.	BUY	2.29	Ordinary	28,611	28,611
17-Jan-2020	The Vanguard Group, Inc.	BUY	2.29	Ordinary	2,123	2,123
17-Jan-2020	The Vanguard Group, Inc.	BUY	2.29	Ordinary	7,358	7,358
21-Jan-2020	The Vanguard Group, Inc.	BUY	2.33	Ordinary	47,505	47,505
21-Jan-2020	The Vanguard Group, Inc.	BUY	2.33	Ordinary	6,369	6,369
22-Jan-2020	The Vanguard Group, Inc.	BUY	2.33	Ordinary	19,074	19,074
22-Jan-2020	The Vanguard Group, Inc.	BUY	2.34	Ordinary	17,108	17,108
22-Jan-2020	The Vanguard Group, Inc.	BUY	2.34	Ordinary	4,837	4,837
23-Jan-2020	The Vanguard Group, Inc.	BUY	2.33	Ordinary	15,895	15,895
23-Jan-2020	The Vanguard Group, Inc.	BUY	2.33	Ordinary	5,229	5,229
24-Jan-2020	The Vanguard Group, Inc.	BUY	2.29	Ordinary	250,033	250,033
28-Jan-2020	The Vanguard Group, Inc.	BUY	2.23	Ordinary	1,536	1,536
30-Jan-2020	The Vanguard Group, Inc.	BUY	2.20	Ordinary	1,743	1,743
31-Jan-2020	The Vanguard Group, Inc.	BUY	2.15	Ordinary	19,074	19,074
31-Jan-2020	The Vanguard Group, Inc.	BUY	2.15	Ordinary	19,074	19,074
31-Jan-2020	The Vanguard Group, Inc.	BUY	2.15	Ordinary	4,246	4,246
31-Jan-2020	The Vanguard Group, Inc.	BUY	2.18	Ordinary	7,701	7,701
31-Jan-2020	The Vanguard Group, Inc.	BUY	2.18	Ordinary	62,731	62,731
3-Feb-2020	The Vanguard Group, Inc.	BUY	2.12	Ordinary	14,511	14,511
4-Feb-2020	The Vanguard Group, Inc.	BUY	2.11	Ordinary	12,668	12,668
4-Feb-2020	The Vanguard Group, Inc.	BUY	2.11	Ordinary	50,672	50,672
4-Feb-2020	The Vanguard Group, Inc.	BUY	2.12	Ordinary	274,091	274,091
4-Feb-2020	The Vanguard Group, Inc.	BUY	2.10	Ordinary	1,536	1,536
5-Feb-2020	The Vanguard Group, Inc.	BUY	2.15	Ordinary	60,401	60,401
5-Feb-2020	The Vanguard Group, Inc.	BUY	2.15	Ordinary	22,253	22,253
6-Feb-2020	The Vanguard Group, Inc.	BUY	2.17	Ordinary	5,229	5,229
10-Feb-2020	The Vanguard Group, Inc.	BUY	2.10	Ordinary	28,611	28,611
10-Feb-2020	The Vanguard Group, Inc.	BUY	2.10	Ordinary	4,246	4,246
10-Feb-2020	The Vanguard Group, Inc.	BUY	2.09	Ordinary	4,837	4,837
11-Feb-2020	The Vanguard Group, Inc.	BUY	2.16	Ordinary	19,074	19,074
11-Feb-2020	The Vanguard Group, Inc.	BUY	2.16	Ordinary	1,536	1,536
11-Feb-2020	The Vanguard Group, Inc.	BUY	2.16	Ordinary	1,536	1,536
13-Feb-2020	The Vanguard Group, Inc.	BUY	2.19	Ordinary	41,327	41,327
13-Feb-2020	The Vanguard Group, Inc.	SELL	2.18	Ordinary	(2,053)	(2,053)
13-Feb-2020	The Vanguard Group, Inc.	BUY	2.19	Ordinary	3,486	3,486
13-Feb-2020	The Vanguard Group, Inc.	BUY	2.19	Ordinary	1,536	1,536
14-Feb-2020	The Vanguard Group, Inc.	BUY	2.21	Ordinary	19,074	19,074
14-Feb-2020	The Vanguard Group, Inc.	BUY	2.21	Ordinary	6,369	6,369

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
14-Feb-2020	The Vanguard Group, Inc.	SELL	2.21	Ordinary	(34,158)	(34,158)
18-Feb-2020	The Vanguard Group, Inc.	BUY	2.17	Ordinary	10,182	10,182
19-Feb-2020	The Vanguard Group, Inc.	BUY	2.15	Ordinary	15,895	15,895
19-Feb-2020	The Vanguard Group, Inc.	BUY	2.14	Ordinary	280,020	280,020
20-Feb-2020	The Vanguard Group, Inc.	BUY	2.21	Ordinary	33,880	33,880
21-Feb-2020	The Vanguard Group, Inc.	BUY	2.21	Ordinary	25,432	25,432
24-Feb-2020	The Vanguard Group, Inc.	SELL	2.13	Ordinary	(13,255)	(13,255)
24-Feb-2020	The Vanguard Group, Inc.	BUY	2.13	Ordinary	4,246	4,246
25-Feb-2020	The Vanguard Group, Inc.	BUY	2.07	Ordinary	19,074	19,074
25-Feb-2020	The Vanguard Group, Inc.	SELL	2.07	Ordinary	(5,302)	(5,302)
25-Feb-2020	The Vanguard Group, Inc.	BUY	2.14	Ordinary	271,705	271,705
25-Feb-2020	The Vanguard Group, Inc.	BUY	2.07	Ordinary	1,743	1,743
26-Feb-2020	The Vanguard Group, Inc.	BUY	2.02	Ordinary	5,229	5,229
26-Feb-2020	The Vanguard Group, Inc.	BUY	2.02	Ordinary	3,486	3,486
26-Feb-2020	The Vanguard Group, Inc.	BUY	2.03	Ordinary	9,262	9,262
27-Feb-2020	The Vanguard Group, Inc.	BUY	2.03	Ordinary	284,398	284,398
28-Feb-2020	The Vanguard Group, Inc.	BUY	1.94	Ordinary	300,681	300,681
28-Feb-2020	The Vanguard Group, Inc.	SELL	1.94	Ordinary	(38,547)	(38,547)
2-Mar-2020	The Vanguard Group, Inc.	SELL	2.00	Ordinary	(25,432)	(25,432)
3-Mar-2020	The Vanguard Group, Inc.	BUY	1.89	Ordinary	4,246	4,246
4-Mar-2020	The Vanguard Group, Inc.	BUY	1.93	Ordinary	8,492	8,492
4-Mar-2020	The Vanguard Group, Inc.	BUY	1.93	Ordinary	6,369	6,369
4-Mar-2020	The Vanguard Group, Inc.	BUY	1.88	Ordinary	30,416	30,416
4-Mar-2020	The Vanguard Group, Inc.	BUY	1.90	Ordinary	2,285	2,285
5-Mar-2020	The Vanguard Group, Inc.	SELL	1.88	Ordinary	(290,471)	(290,471)
6-Mar-2020	The Vanguard Group, Inc.	SELL	1.80	Ordinary	(19,074)	(19,074)
6-Mar-2020	The Vanguard Group, Inc.	BUY	1.80	Ordinary	1,536	1,536
6-Mar-2020	The Vanguard Group, Inc.	SELL	1.80	Ordinary	(216,084)	(216,084)
9-Mar-2020	The Vanguard Group, Inc.	BUY	1.52	Ordinary	6,369	6,369
9-Mar-2020	The Vanguard Group, Inc.	BUY	1.52	Ordinary	2,123	2,123
9-Mar-2020	The Vanguard Group, Inc.	SELL	1.56	Ordinary	(53,630)	(53,630)
10-Mar-2020	The Vanguard Group, Inc.	SELL	1.71	Ordinary	(15,895)	(15,895)
10-Mar-2020	The Vanguard Group, Inc.	SELL	1.50	Ordinary	(8,380)	(8,380)
11-Mar-2020	The Vanguard Group, Inc.	SELL	1.61	Ordinary	(9,537)	(9,537)
12-Mar-2020	The Vanguard Group, Inc.	SELL	1.43	Ordinary	(34,969)	(34,969)
12-Mar-2020	The Vanguard Group, Inc.	BUY	1.57	Ordinary	366,483	366,483
12-Mar-2020	The Vanguard Group, Inc.	BUY	1.47	Ordinary	10,893	10,893
13-Mar-2020	The Vanguard Group, Inc.	BUY	1.63	Ordinary	378,294	378,294
13-Mar-2020	The Vanguard Group, Inc.	BUY	1.68	Ordinary	10,615	10,615
13-Mar-2020	The Vanguard Group, Inc.	BUY	1.68	Ordinary	2,123	2,123
13-Mar-2020	The Vanguard Group, Inc.	BUY	1.68	Ordinary	2,123	2,123
13-Mar-2020	The Vanguard Group, Inc.	BUY	1.63	Ordinary	89,088	89,088
13-Mar-2020	The Vanguard Group, Inc.	BUY	1.63	Ordinary	1,536	1,536
13-Mar-2020	The Vanguard Group, Inc.	BUY	1.63	Ordinary	1,657	1,657
16-Mar-2020	The Vanguard Group, Inc.	SELL	1.41	Ordinary	(12,668)	(12,668)
16-Mar-2020	The Vanguard Group, Inc.	SELL	1.41	Ordinary	(7,953)	(7,953)
16-Mar-2020	The Vanguard Group, Inc.	BUY	1.41	Ordinary	3,546	3,546
16-Mar-2020	The Vanguard Group, Inc.	BUY	1.41	Ordinary	1,773	1,773
16-Mar-2020	The Vanguard Group, Inc.	BUY	1.46	Ordinary	3,367	3,367
16-Mar-2020	The Vanguard Group, Inc.	BUY	1.46	Ordinary	1,083	1,083
16-Mar-2020	The Vanguard Group, Inc.	BUY	1.46	Ordinary	4,884	4,884
17-Mar-2020	The Vanguard Group, Inc.	SELL	1.60	Ordinary	(25,432)	(25,432)
17-Mar-2020	The Vanguard Group, Inc.	SELL	1.60	Ordinary	(31,790)	(31,790)
17-Mar-2020	The Vanguard Group, Inc.	SELL	1.60	Ordinary	(10,604)	(10,604)
17-Mar-2020	The Vanguard Group, Inc.	BUY	1.60	Ordinary	5,319	5,319
17-Mar-2020	The Vanguard Group, Inc.	BUY	1.60	Ordinary	3,546	3,546
17-Mar-2020	The Vanguard Group, Inc.	SELL	1.56	Ordinary	(3,768)	(3,768)
17-Mar-2020	The Vanguard Group, Inc.	BUY	1.56	Ordinary	81,408	81,408
18-Mar-2020	The Vanguard Group, Inc.	BUY	1.51	Ordinary	465,027	465,027
18-Mar-2020	The Vanguard Group, Inc.	BUY	1.48	Ordinary	8,492	8,492
19-Mar-2020	The Vanguard Group, Inc.	BUY	1.52	Ordinary	436,362	436,362
19-Mar-2020	The Vanguard Group, Inc.	BUY	1.44	Ordinary	4,246	4,246
20-Mar-2020	The Vanguard Group, Inc.	SELL	1.42	Ordinary	(13,255)	(13,255)
20-Mar-2020	The Vanguard Group, Inc.	SELL	1.46	Ordinary	(127,478)	(127,478)
20-Mar-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	4,246	4,246
20-Mar-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	5,319	5,319
23-Mar-2020	The Vanguard Group, Inc.	SELL	1.46	Ordinary	(10,604)	(10,604)
23-Mar-2020	The Vanguard Group, Inc.	BUY	1.45	Ordinary	4,859	4,859
24-Mar-2020	The Vanguard Group, Inc.	SELL	1.45	Ordinary	(14,055)	(14,055)
24-Mar-2020	The Vanguard Group, Inc.	BUY	1.49	Ordinary	472,472	472,472
25-Mar-2020	The Vanguard Group, Inc.	SELL	1.52	Ordinary	(12,668)	(12,668)
26-Mar-2020	The Vanguard Group, Inc.	SELL	1.57	Ordinary	(7,953)	(7,953)
27-Mar-2020	The Vanguard Group, Inc.	BUY	1.45	Ordinary	69,419	69,419
30-Mar-2020	The Vanguard Group, Inc.	SELL	1.58	Ordinary	(12,411)	(12,411)
30-Mar-2020	The Vanguard Group, Inc.	BUY	1.57	Ordinary	4,821	4,821

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
31-Mar-2020	The Vanguard Group, Inc.	SELL	1.46	Ordinary	(56,475)	(56,475)
31-Mar-2020	The Vanguard Group, Inc.	BUY	1.46	Ordinary	54,148	54,148
1-Apr-2020	The Vanguard Group, Inc.	SELL	1.46	Ordinary	(3,546)	(3,546)
1-Apr-2020	The Vanguard Group, Inc.	SELL	1.46	Ordinary	(3,546)	(3,546)
1-Apr-2020	The Vanguard Group, Inc.	BUY	1.46	Ordinary	9,638	9,638
2-Apr-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	6,369	6,369
6-Apr-2020	The Vanguard Group, Inc.	SELL	1.34	Ordinary	(15,283)	(15,283)
7-Apr-2020	The Vanguard Group, Inc.	BUY	1.46	Ordinary	14,457	14,457
7-Apr-2020	The Vanguard Group, Inc.	SELL	1.46	Ordinary	(1,578)	(1,578)
9-Apr-2020	The Vanguard Group, Inc.	BUY	1.51	Ordinary	6,369	6,369
9-Apr-2020	The Vanguard Group, Inc.	BUY	1.51	Ordinary	2,123	2,123
14-Apr-2020	The Vanguard Group, Inc.	BUY	1.52	Ordinary	6,369	6,369
15-Apr-2020	The Vanguard Group, Inc.	BUY	1.53	Ordinary	297,293	297,293
15-Apr-2020	The Vanguard Group, Inc.	SELL	1.51	Ordinary	(13,536)	(13,536)
15-Apr-2020	The Vanguard Group, Inc.	SELL	1.51	Ordinary	(30,456)	(30,456)
15-Apr-2020	The Vanguard Group, Inc.	SELL	1.51	Ordinary	(27,072)	(27,072)
15-Apr-2020	The Vanguard Group, Inc.	BUY	1.51	Ordinary	6,369	6,369
15-Apr-2020	The Vanguard Group, Inc.	BUY	1.52	Ordinary	1,613	1,613
16-Apr-2020	The Vanguard Group, Inc.	BUY	1.52	Ordinary	4,814	4,814
17-Apr-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	15,835	15,835
20-Apr-2020	The Vanguard Group, Inc.	SELL	1.48	Ordinary	(2,092)	(2,092)
24-Apr-2020	The Vanguard Group, Inc.	SELL	1.49	Ordinary	(14,358)	(14,358)
30-Apr-2020	The Vanguard Group, Inc.	SELL	1.70	Ordinary	(30,456)	(30,456)
1-May-2020	The Vanguard Group, Inc.	SELL	1.67	Ordinary	(80,188)	(80,188)
1-May-2020	The Vanguard Group, Inc.	SELL	1.62	Ordinary	(43,356)	(43,356)
1-May-2020	The Vanguard Group, Inc.	SELL	1.62	Ordinary	(10,552)	(10,552)
6-May-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	14,028	14,028
8-May-2020	The Vanguard Group, Inc.	SELL	1.53	Ordinary	(18,466)	(18,466)
11-May-2020	The Vanguard Group, Inc.	SELL	1.54	Ordinary	(49,047)	(49,047)
13-May-2020	The Vanguard Group, Inc.	BUY	1.44	Ordinary	1,001	1,001
13-May-2020	The Vanguard Group, Inc.	BUY	1.41	Ordinary	4,802	4,802
13-May-2020	The Vanguard Group, Inc.	SELL	1.41	Ordinary	(57,270)	(57,270)
15-May-2020	The Vanguard Group, Inc.	BUY	1.43	Ordinary	4,801	4,801
21-May-2020	The Vanguard Group, Inc.	BUY	1.52	Ordinary	4,809	4,809
22-May-2020	The Vanguard Group, Inc.	BUY	1.49	Ordinary	6,369	6,369
22-May-2020	The Vanguard Group, Inc.	BUY	1.49	Ordinary	14,135	14,135
27-May-2020	The Vanguard Group, Inc.	BUY	1.54	Ordinary	4,246	4,246
27-May-2020	The Vanguard Group, Inc.	BUY	1.53	Ordinary	4,935	4,935
28-May-2020	The Vanguard Group, Inc.	BUY	1.55	Ordinary	31,656	31,656
29-May-2020	The Vanguard Group, Inc.	SELL	1.49	Ordinary	(19,002)	(19,002)
29-May-2020	The Vanguard Group, Inc.	SELL	1.49	Ordinary	(152,143)	(152,143)
29-May-2020	The Vanguard Group, Inc.	SELL	1.49	Ordinary	(450,921)	(450,921)
29-May-2020	The Vanguard Group, Inc.	BUY	1.49	Ordinary	893,393	893,393
29-May-2020	The Vanguard Group, Inc.	SELL	1.49	Ordinary	(633,082)	(633,082)
29-May-2020	The Vanguard Group, Inc.	SELL	1.49	Ordinary	(4,771,522)	(4,771,522)
1-Jun-2020	The Vanguard Group, Inc.	BUY	1.53	Ordinary	13,190	13,190
2-Jun-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	39,570	39,570
3-Jun-2020	The Vanguard Group, Inc.	SELL	1.64	Ordinary	(647,673)	(647,673)
3-Jun-2020	The Vanguard Group, Inc.	BUY	1.65	Ordinary	6,369	6,369
4-Jun-2020	The Vanguard Group, Inc.	BUY	1.68	Ordinary	13,190	13,190
5-Jun-2020	The Vanguard Group, Inc.	BUY	1.65	Ordinary	4,246	4,246
9-Jun-2020	The Vanguard Group, Inc.	SELL	1.72	Ordinary	(19,002)	(19,002)
9-Jun-2020	The Vanguard Group, Inc.	SELL	1.67	Ordinary	(36,130)	(36,130)
9-Jun-2020	The Vanguard Group, Inc.	SELL	1.69	Ordinary	(377,913)	(377,913)
9-Jun-2020	The Vanguard Group, Inc.	BUY	1.72	Ordinary	4,246	4,246
9-Jun-2020	The Vanguard Group, Inc.	BUY	1.72	Ordinary	1,419	1,419
9-Jun-2020	The Vanguard Group, Inc.	BUY	1.72	Ordinary	4,812	4,812
11-Jun-2020	The Vanguard Group, Inc.	SELL	1.58	Ordinary	(14,452)	(14,452)
11-Jun-2020	The Vanguard Group, Inc.	SELL	1.58	Ordinary	(36,130)	(36,130)
11-Jun-2020	The Vanguard Group, Inc.	SELL	1.58	Ordinary	(21,678)	(21,678)
11-Jun-2020	The Vanguard Group, Inc.	BUY	1.58	Ordinary	13,190	13,190
15-Jun-2020	The Vanguard Group, Inc.	SELL	1.63	Ordinary	(21,678)	(21,678)
18-Jun-2020	The Vanguard Group, Inc.	BUY	1.67	Ordinary	108,998	108,998
19-Jun-2020	The Vanguard Group, Inc.	SELL	1.61	Ordinary	(22,169)	(22,169)
19-Jun-2020	The Vanguard Group, Inc.	SELL	1.62	Ordinary	(167,471)	(167,471)
19-Jun-2020	The Vanguard Group, Inc.	BUY	1.61	Ordinary	4,246	4,246
19-Jun-2020	The Vanguard Group, Inc.	SELL	1.62	Ordinary	(58,830)	(58,830)
19-Jun-2020	The Vanguard Group, Inc.	SELL	1.62	Ordinary	(21,743)	(21,743)
19-Jun-2020	The Vanguard Group, Inc.	SELL	1.62	Ordinary	(156)	(156)
24-Jun-2020	The Vanguard Group, Inc.	SELL	1.63	Ordinary	(31,130)	(31,130)
24-Jun-2020	The Vanguard Group, Inc.	SELL	1.63	Ordinary	(9,339)	(9,339)
24-Jun-2020	The Vanguard Group, Inc.	SELL	1.63	Ordinary	(21,108)	(21,108)
24-Jun-2020	The Vanguard Group, Inc.	BUY	1.67	Ordinary	1,389	1,389
29-Jun-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	6,369	6,369
29-Jun-2020	The Vanguard Group, Inc.	BUY	1.57	Ordinary	2,790	2,790

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
30-Jun-2020	The Vanguard Group, Inc.	SELL	1.65	Ordinary	(17,590)	(17,590)
1-Jul-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	1,395	1,395
6-Jul-2020	The Vanguard Group, Inc.	BUY	1.66	Ordinary	12,738	12,738
8-Jul-2020	The Vanguard Group, Inc.	BUY	1.66	Ordinary	37,908	37,908
9-Jul-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	3,810	3,810
14-Jul-2020	The Vanguard Group, Inc.	SELL	1.65	Ordinary	(36,632)	(36,632)
14-Jul-2020	The Vanguard Group, Inc.	SELL	1.65	Ordinary	(130,530)	(130,530)
15-Jul-2020	The Vanguard Group, Inc.	SELL	1.69	Ordinary	(31,656)	(31,656)
15-Jul-2020	The Vanguard Group, Inc.	SELL	1.69	Ordinary	(10,552)	(10,552)
16-Jul-2020	The Vanguard Group, Inc.	BUY	1.75	Ordinary	189,662	189,662
22-Jul-2020	The Vanguard Group, Inc.	SELL	1.74	Ordinary	(319,654)	(319,654)
30-Jul-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	4,246	4,246
30-Jul-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	2,720	2,720
31-Jul-2020	The Vanguard Group, Inc.	SELL	1.55	Ordinary	(71,264)	(71,264)
3-Aug-2020	The Vanguard Group, Inc.	BUY	1.53	Ordinary	14,397	14,397
4-Aug-2020	The Vanguard Group, Inc.	BUY	1.57	Ordinary	6,369	6,369
5-Aug-2020	The Vanguard Group, Inc.	BUY	1.57	Ordinary	12,328	12,328
6-Aug-2020	The Vanguard Group, Inc.	BUY	1.64	Ordinary	4,246	4,246
11-Aug-2020	The Vanguard Group, Inc.	BUY	1.63	Ordinary	9,670	9,670
13-Aug-2020	The Vanguard Group, Inc.	SELL	1.63	Ordinary	(15,565)	(15,565)
13-Aug-2020	The Vanguard Group, Inc.	SELL	1.63	Ordinary	(10,552)	(10,552)
13-Aug-2020	The Vanguard Group, Inc.	BUY	1.64	Ordinary	2,712	2,712
17-Aug-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	42,216	42,216
17-Aug-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	31,662	31,662
17-Aug-2020	The Vanguard Group, Inc.	BUY	1.59	Ordinary	4,246	4,246
18-Aug-2020	The Vanguard Group, Inc.	SELL	1.58	Ordinary	(99,968)	(99,968)
18-Aug-2020	The Vanguard Group, Inc.	BUY	1.58	Ordinary	99,968	99,968
18-Aug-2020	The Vanguard Group, Inc.	BUY	1.58	Ordinary	99,968	99,968
20-Aug-2020	The Vanguard Group, Inc.	BUY	1.64	Ordinary	4,246	4,246
21-Aug-2020	The Vanguard Group, Inc.	SELL	1.65	Ordinary	(10,216)	(10,216)
26-Aug-2020	The Vanguard Group, Inc.	BUY	1.66	Ordinary	1,984	1,984
27-Aug-2020	The Vanguard Group, Inc.	BUY	1.65	Ordinary	17,590	17,590
31-Aug-2020	The Vanguard Group, Inc.	BUY	1.57	Ordinary	3,982	3,982
1-Sep-2020	The Vanguard Group, Inc.	SELL	1.54	Ordinary	(1,001,735)	(1,001,735)
1-Sep-2020	The Vanguard Group, Inc.	BUY	1.54	Ordinary	1,001,735	1,001,735
1-Sep-2020	The Vanguard Group, Inc.	BUY	1.54	Ordinary	1,001,735	1,001,735
2-Sep-2020	The Vanguard Group, Inc.	BUY	1.56	Ordinary	6,369	6,369
4-Sep-2020	The Vanguard Group, Inc.	BUY	1.50	Ordinary	650,210	650,210
4-Sep-2020	The Vanguard Group, Inc.	BUY	1.50	Ordinary	1,151	1,151
16-Sep-2020	The Vanguard Group, Inc.	BUY	1.48	Ordinary	4,246	4,246
16-Sep-2020	The Vanguard Group, Inc.	BUY	1.48	Ordinary	3,982	3,982
18-Sep-2020	The Vanguard Group, Inc.	SELL	1.49	Ordinary	(42,613)	(42,613)
18-Sep-2020	The Vanguard Group, Inc.	SELL	1.49	Ordinary	(46,613)	(46,613)
18-Sep-2020	The Vanguard Group, Inc.	BUY	1.48	Ordinary	1,991	1,991
18-Sep-2020	The Vanguard Group, Inc.	BUY	1.49	Ordinary	13,801	13,801
22-Sep-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	3,982	3,982
25-Sep-2020	The Vanguard Group, Inc.	BUY	1.44	Ordinary	6,369	6,369
29-Sep-2020	The Vanguard Group, Inc.	BUY	1.43	Ordinary	1,068,786	1,068,786
30-Sep-2020	The Vanguard Group, Inc.	SELL	1.49	Ordinary	(2,170,489)	(2,170,489)
30-Sep-2020	The Vanguard Group, Inc.	BUY	1.38	Ordinary	1,374	1,374
2-Oct-2020	The Vanguard Group, Inc.	BUY	1.36	Ordinary	20,550	20,550
2-Oct-2020	The Vanguard Group, Inc.	BUY	1.39	Ordinary	1,948	1,948
5-Oct-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	4,246	4,246
5-Oct-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	9,494	9,494
6-Oct-2020	The Vanguard Group, Inc.	BUY	1.39	Ordinary	6,369	6,369
6-Oct-2020	The Vanguard Group, Inc.	BUY	1.39	Ordinary	1,991	1,991
9-Oct-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	44,525	44,525
9-Oct-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	17,125	17,125
9-Oct-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	4,246	4,246
9-Oct-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	6,369	6,369
12-Oct-2020	The Vanguard Group, Inc.	BUY	1.42	Ordinary	54,108	54,108
22-Oct-2020	The Vanguard Group, Inc.	SELL	1.47	Ordinary	(95,779)	(95,779)
22-Oct-2020	The Vanguard Group, Inc.	BUY	1.49	Ordinary	1,403	1,403
27-Oct-2020	The Vanguard Group, Inc.	BUY	1.43	Ordinary	9,512	9,512
28-Oct-2020	The Vanguard Group, Inc.	BUY	1.40	Ordinary	3,982	3,982
29-Oct-2020	The Vanguard Group, Inc.	BUY	1.45	Ordinary	1,991	1,991
30-Oct-2020	The Vanguard Group, Inc.	BUY	1.44	Ordinary	54,877	54,877
2-Nov-2020	The Vanguard Group, Inc.	BUY	1.44	Ordinary	4,246	4,246
2-Nov-2020	The Vanguard Group, Inc.	BUY	1.43	Ordinary	1,413	1,413
3-Nov-2020	The Vanguard Group, Inc.	BUY	1.48	Ordinary	12,738	12,738
3-Nov-2020	The Vanguard Group, Inc.	BUY	1.48	Ordinary	5,973	5,973
4-Nov-2020	The Vanguard Group, Inc.	BUY	1.46	Ordinary	4,246	4,246
5-Nov-2020	The Vanguard Group, Inc.	BUY	1.44	Ordinary	17,754	17,754
12-Nov-2020	The Vanguard Group, Inc.	BUY	1.56	Ordinary	1,417	1,417
16-Nov-2020	The Vanguard Group, Inc.	BUY	1.57	Ordinary	3,982	3,982

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18-Nov-2020	The Vanguard Group, Inc.	BUY	1.70	Ordinary	3,982	3,982
20-Nov-2020	The Vanguard Group, Inc.	BUY	1.72	Ordinary	15,011	15,011
24-Nov-2020	The Vanguard Group, Inc.	BUY	1.81	Ordinary	1,315	1,315
25-Nov-2020	The Vanguard Group, Inc.	BUY	1.83	Ordinary	59,048	59,048
26-Nov-2020	The Vanguard Group, Inc.	BUY	1.81	Ordinary	9,536	9,536
30-Nov-2020	The Vanguard Group, Inc.	BUY	1.75	Ordinary	1,270	1,270
2-Dec-2020	The Vanguard Group, Inc.	BUY	1.82	Ordinary	20,452	20,452
3-Dec-2020	The Vanguard Group, Inc.	BUY	1.87	Ordinary	30,980	30,980
4-Dec-2020	The Vanguard Group, Inc.	BUY	1.90	Ordinary	1,282	1,282
7-Dec-2020	The Vanguard Group, Inc.	BUY	1.91	Ordinary	3,982	3,982
7-Dec-2020	The Vanguard Group, Inc.	BUY	1.91	Ordinary	5,973	5,973
7-Dec-2020	The Vanguard Group, Inc.	BUY	1.91	Ordinary	4,761	4,761
8-Dec-2020	The Vanguard Group, Inc.	BUY	1.92	Ordinary	23,742	23,742
9-Dec-2020	The Vanguard Group, Inc.	BUY	1.92	Ordinary	7,914	7,914
11-Dec-2020	The Vanguard Group, Inc.	BUY	1.92	Ordinary	5,973	5,973
15-Dec-2020	The Vanguard Group, Inc.	BUY	1.87	Ordinary	18,466	18,466
16-Dec-2020	The Vanguard Group, Inc.	BUY	1.85	Ordinary	4,764	4,764
16-Dec-2020	The Vanguard Group, Inc.	BUY	1.85	Ordinary	1,276	1,276
18-Dec-2020	The Vanguard Group, Inc.	BUY	1.83	Ordinary	13,108	13,108
18-Dec-2020	The Vanguard Group, Inc.	BUY	1.83	Ordinary	3,277	3,277
18-Dec-2020	The Vanguard Group, Inc.	SELL	1.84	Ordinary	(182,670)	(182,670)
18-Dec-2020	The Vanguard Group, Inc.	SELL	1.84	Ordinary	(7,958)	(7,958)
18-Dec-2020	The Vanguard Group, Inc.	SELL	1.84	Ordinary	(2,093)	(2,093)
18-Dec-2020	The Vanguard Group, Inc.	BUY	1.84	Ordinary	42,592	42,592
18-Dec-2020	The Vanguard Group, Inc.	BUY	1.84	Ordinary	21,756	21,756
18-Dec-2020	The Vanguard Group, Inc.	BUY	1.84	Ordinary	4,732	4,732
21-Dec-2020	The Vanguard Group, Inc.	BUY	1.88	Ordinary	4,735	4,735
22-Dec-2020	The Vanguard Group, Inc.	BUY	1.82	Ordinary	12,132	12,132
22-Dec-2020	The Vanguard Group, Inc.	BUY	1.82	Ordinary	13,190	13,190
24-Dec-2020	The Vanguard Group, Inc.	BUY	1.83	Ordinary	85,154	85,154
24-Dec-2020	The Vanguard Group, Inc.	BUY	1.83	Ordinary	4,748	4,748
29-Dec-2020	The Vanguard Group, Inc.	BUY	1.83	Ordinary	3,492	3,492
30-Dec-2020	The Vanguard Group, Inc.	SELL	1.84	Ordinary	(298,030)	(298,030)
30-Dec-2020	The Vanguard Group, Inc.	BUY	1.84	Ordinary	2,123	2,123
30-Dec-2020	The Vanguard Group, Inc.	BUY	1.84	Ordinary	1,746	1,746
31-Dec-2020	The Vanguard Group, Inc.	SELL	1.84	Ordinary	(35,133)	(35,133)
31-Dec-2020	The Vanguard Group, Inc.	SELL	1.84	Ordinary	(82,628)	(82,628)
31-Dec-2020	The Vanguard Group, Inc.	BUY	1.84	Ordinary	35,133	35,133
5-Jan-2021	The Vanguard Group, Inc.	BUY	1.90	Ordinary	18,198	18,198
5-Jan-2021	The Vanguard Group, Inc.	BUY	1.88	Ordinary	4,751	4,751
6-Jan-2021	The Vanguard Group, Inc.	BUY	1.89	Ordinary	10,552	10,552
6-Jan-2021	The Vanguard Group, Inc.	SELL	1.87	Ordinary	(1,731)	(1,731)
6-Jan-2021	The Vanguard Group, Inc.	BUY	1.87	Ordinary	53,146	53,146
7-Jan-2021	The Vanguard Group, Inc.	BUY	1.94	Ordinary	75,825	75,825
7-Jan-2021	The Vanguard Group, Inc.	BUY	1.94	Ordinary	47,484	47,484
7-Jan-2021	The Vanguard Group, Inc.	BUY	1.94	Ordinary	4,246	4,246
7-Jan-2021	The Vanguard Group, Inc.	BUY	1.94	Ordinary	1,333	1,333
8-Jan-2021	The Vanguard Group, Inc.	BUY	1.90	Ordinary	45,495	45,495
8-Jan-2021	The Vanguard Group, Inc.	BUY	1.90	Ordinary	41,100	41,100
8-Jan-2021	The Vanguard Group, Inc.	BUY	1.90	Ordinary	22,762	22,762
11-Jan-2021	The Vanguard Group, Inc.	BUY	1.86	Ordinary	4,752	4,752
12-Jan-2021	The Vanguard Group, Inc.	BUY	1.86	Ordinary	21,104	21,104
12-Jan-2021	The Vanguard Group, Inc.	BUY	1.86	Ordinary	7,914	7,914
13-Jan-2021	The Vanguard Group, Inc.	BUY	1.84	Ordinary	23,975	23,975
13-Jan-2021	The Vanguard Group, Inc.	BUY	1.84	Ordinary	5,238	5,238
13-Jan-2021	The Vanguard Group, Inc.	BUY	1.84	Ordinary	5,238	5,238
14-Jan-2021	The Vanguard Group, Inc.	BUY	1.83	Ordinary	9,099	9,099
14-Jan-2021	The Vanguard Group, Inc.	BUY	1.83	Ordinary	3,492	3,492
14-Jan-2021	The Vanguard Group, Inc.	BUY	1.83	Ordinary	1,299	1,299
15-Jan-2021	The Vanguard Group, Inc.	BUY	1.82	Ordinary	8,730	8,730
18-Jan-2021	The Vanguard Group, Inc.	BUY	1.81	Ordinary	2,833	2,833
18-Jan-2021	The Vanguard Group, Inc.	BUY	1.77	Ordinary	4,753	4,753
20-Jan-2021	The Vanguard Group, Inc.	BUY	1.78	Ordinary	3,609	3,609
20-Jan-2021	The Vanguard Group, Inc.	BUY	1.81	Ordinary	71,201	71,201
21-Jan-2021	The Vanguard Group, Inc.	BUY	1.76	Ordinary	13,700	13,700
21-Jan-2021	The Vanguard Group, Inc.	BUY	1.76	Ordinary	23,742	23,742
22-Jan-2021	The Vanguard Group, Inc.	BUY	1.72	Ordinary	4,246	4,246
22-Jan-2021	The Vanguard Group, Inc.	BUY	1.72	Ordinary	9,484	9,484
25-Jan-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	30,825	30,825
27-Jan-2021	The Vanguard Group, Inc.	BUY	1.70	Ordinary	214,519	214,519
27-Jan-2021	The Vanguard Group, Inc.	BUY	1.69	Ordinary	4,743	4,743
28-Jan-2021	The Vanguard Group, Inc.	BUY	1.73	Ordinary	20,550	20,550
28-Jan-2021	The Vanguard Group, Inc.	BUY	1.73	Ordinary	4,246	4,246
28-Jan-2021	The Vanguard Group, Inc.	BUY	1.73	Ordinary	5,238	5,238
28-Jan-2021	The Vanguard Group, Inc.	BUY	1.73	Ordinary	3,492	3,492

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29-Jan-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	15,165	15,165
29-Jan-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	20,550	20,550
29-Jan-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	7,914	7,914
29-Jan-2021	The Vanguard Group, Inc.	BUY	1.70	Ordinary	5,129	5,129
1-Feb-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	18,519	18,519
3-Feb-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	58,781	58,781
3-Feb-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	6,369	6,369
4-Feb-2021	The Vanguard Group, Inc.	BUY	1.71	Ordinary	20,550	20,550
5-Feb-2021	The Vanguard Group, Inc.	BUY	1.72	Ordinary	10,615	10,615
5-Feb-2021	The Vanguard Group, Inc.	BUY	1.72	Ordinary	6,369	6,369
5-Feb-2021	The Vanguard Group, Inc.	SELL	1.70	Ordinary	(44,868)	(44,868)
8-Feb-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	3,492	3,492
8-Feb-2021	The Vanguard Group, Inc.	SELL	1.73	Ordinary	(42,345)	(42,345)
9-Feb-2021	The Vanguard Group, Inc.	SELL	1.72	Ordinary	(44,261)	(44,261)
10-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	6,066	6,066
10-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	10,275	10,275
10-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	36,932	36,932
10-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	10,552	10,552
10-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	4,246	4,246
10-Feb-2021	The Vanguard Group, Inc.	SELL	1.70	Ordinary	(42,691)	(42,691)
11-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	24,264	24,264
11-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	27,400	27,400
11-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	10,552	10,552
11-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	8,492	8,492
11-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	6,984	6,984
12-Feb-2021	The Vanguard Group, Inc.	BUY	1.70	Ordinary	15,165	15,165
12-Feb-2021	The Vanguard Group, Inc.	BUY	1.70	Ordinary	30,825	30,825
12-Feb-2021	The Vanguard Group, Inc.	BUY	1.70	Ordinary	7,914	7,914
12-Feb-2021	The Vanguard Group, Inc.	BUY	1.70	Ordinary	6,369	6,369
16-Feb-2021	The Vanguard Group, Inc.	SELL	1.73	Ordinary	(41,454)	(41,454)
17-Feb-2021	The Vanguard Group, Inc.	SELL	1.74	Ordinary	(42,274)	(42,274)
17-Feb-2021	The Vanguard Group, Inc.	BUY	1.75	Ordinary	1,320	1,320
17-Feb-2021	The Vanguard Group, Inc.	BUY	1.75	Ordinary	23,861	23,861
18-Feb-2021	The Vanguard Group, Inc.	SELL	1.75	Ordinary	(41,148)	(41,148)
18-Feb-2021	The Vanguard Group, Inc.	BUY	1.75	Ordinary	335	335
19-Feb-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	15,165	15,165
22-Feb-2021	The Vanguard Group, Inc.	SELL	1.69	Ordinary	(53,915)	(53,915)
22-Feb-2021	The Vanguard Group, Inc.	SELL	1.69	Ordinary	(116,627)	(116,627)
22-Feb-2021	The Vanguard Group, Inc.	SELL	1.69	Ordinary	(9,518)	(9,518)
23-Feb-2021	The Vanguard Group, Inc.	BUY	1.65	Ordinary	3,492	3,492
23-Feb-2021	The Vanguard Group, Inc.	BUY	1.65	Ordinary	5,238	5,238
23-Feb-2021	The Vanguard Group, Inc.	SELL	1.66	Ordinary	(18,781)	(18,781)
24-Feb-2021	The Vanguard Group, Inc.	BUY	1.69	Ordinary	4,246	4,246
24-Feb-2021	The Vanguard Group, Inc.	BUY	1.69	Ordinary	3,492	3,492
24-Feb-2021	The Vanguard Group, Inc.	SELL	1.66	Ordinary	(44,565)	(44,565)
24-Feb-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	1,352	1,352
25-Feb-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	20,952	20,952
25-Feb-2021	The Vanguard Group, Inc.	SELL	1.70	Ordinary	(44,564)	(44,564)
25-Feb-2021	The Vanguard Group, Inc.	BUY	1.71	Ordinary	1,819	1,819
25-Feb-2021	The Vanguard Group, Inc.	BUY	1.71	Ordinary	177	177
1-Mar-2021	The Vanguard Group, Inc.	BUY	1.64	Ordinary	4,246	4,246
1-Mar-2021	The Vanguard Group, Inc.	BUY	1.64	Ordinary	3,492	3,492
1-Mar-2021	The Vanguard Group, Inc.	BUY	1.62	Ordinary	1,383	1,383
2-Mar-2021	The Vanguard Group, Inc.	BUY	1.63	Ordinary	6,369	6,369
4-Mar-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	3,492	3,492
5-Mar-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	6,369	6,369
8-Mar-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	3,492	3,492
9-Mar-2021	The Vanguard Group, Inc.	BUY	1.80	Ordinary	12,132	12,132
9-Mar-2021	The Vanguard Group, Inc.	BUY	1.80	Ordinary	26,380	26,380
9-Mar-2021	The Vanguard Group, Inc.	BUY	1.80	Ordinary	4,246	4,246
9-Mar-2021	The Vanguard Group, Inc.	SELL	1.79	Ordinary	(114,688)	(114,688)
9-Mar-2021	The Vanguard Group, Inc.	BUY	1.79	Ordinary	2,604	2,604
10-Mar-2021	The Vanguard Group, Inc.	SELL	1.79	Ordinary	(319,265)	(319,265)
10-Mar-2021	The Vanguard Group, Inc.	BUY	1.81	Ordinary	41,845	41,845
11-Mar-2021	The Vanguard Group, Inc.	BUY	1.78	Ordinary	21,231	21,231
11-Mar-2021	The Vanguard Group, Inc.	SELL	1.77	Ordinary	(309,966)	(309,966)
12-Mar-2021	The Vanguard Group, Inc.	SELL	1.75	Ordinary	(344,476)	(344,476)
15-Mar-2021	The Vanguard Group, Inc.	BUY	1.75	Ordinary	4,246	4,246
15-Mar-2021	The Vanguard Group, Inc.	SELL	1.74	Ordinary	(247,973)	(247,973)
16-Mar-2021	The Vanguard Group, Inc.	BUY	1.72	Ordinary	3,492	3,492
16-Mar-2021	The Vanguard Group, Inc.	BUY	1.73	Ordinary	3,987	3,987
17-Mar-2021	The Vanguard Group, Inc.	SELL	1.68	Ordinary	(4,778)	(4,778)
19-Mar-2021	The Vanguard Group, Inc.	SELL	1.67	Ordinary	(108,774)	(108,774)
19-Mar-2021	The Vanguard Group, Inc.	SELL	1.67	Ordinary	(4,250)	(4,250)
19-Mar-2021	The Vanguard Group, Inc.	BUY	1.67	Ordinary	2,766	2,766

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
22-Mar-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	6,066	6,066
22-Mar-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	8,492	8,492
23-Mar-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	1,383	1,383
23-Mar-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	1,463	1,463
24-Mar-2021	The Vanguard Group, Inc.	BUY	1.64	Ordinary	23,243	23,243
26-Mar-2021	The Vanguard Group, Inc.	SELL	1.72	Ordinary	(59,214)	(59,214)
30-Mar-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	18,441	18,441
30-Mar-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	1,410	1,410
30-Mar-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	129,867	129,867
30-Mar-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	51,353	51,353
31-Mar-2021	The Vanguard Group, Inc.	BUY	1.75	Ordinary	34,970	34,970
31-Mar-2021	The Vanguard Group, Inc.	BUY	1.75	Ordinary	6,369	6,369
1-Apr-2021	The Vanguard Group, Inc.	BUY	1.77	Ordinary	19,970	19,970
5-Apr-2021	The Vanguard Group, Inc.	BUY	1.81	Ordinary	4,212	4,212
6-Apr-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	30,330	30,330
6-Apr-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	24,479	24,479
7-Apr-2021	The Vanguard Group, Inc.	BUY	1.79	Ordinary	4,246	4,246
7-Apr-2021	The Vanguard Group, Inc.	BUY	1.79	Ordinary	4,246	4,246
7-Apr-2021	The Vanguard Group, Inc.	BUY	1.79	Ordinary	1,373	1,373
8-Apr-2021	The Vanguard Group, Inc.	BUY	1.82	Ordinary	6,369	6,369
9-Apr-2021	The Vanguard Group, Inc.	BUY	1.82	Ordinary	27,976	27,976
9-Apr-2021	The Vanguard Group, Inc.	BUY	1.82	Ordinary	14,097	14,097
9-Apr-2021	The Vanguard Group, Inc.	BUY	1.82	Ordinary	20,994	20,994
13-Apr-2021	The Vanguard Group, Inc.	BUY	1.77	Ordinary	20,982	20,982
13-Apr-2021	The Vanguard Group, Inc.	BUY	1.77	Ordinary	8,492	8,492
13-Apr-2021	The Vanguard Group, Inc.	BUY	1.76	Ordinary	1,329	1,329
14-Apr-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	21,231	21,231
14-Apr-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	20,982	20,982
14-Apr-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	2,816	2,816
15-Apr-2021	The Vanguard Group, Inc.	BUY	1.79	Ordinary	10,976	10,976
15-Apr-2021	The Vanguard Group, Inc.	BUY	1.79	Ordinary	4,236	4,236
15-Apr-2021	The Vanguard Group, Inc.	SELL	1.76	Ordinary	(165,566)	(165,566)
15-Apr-2021	The Vanguard Group, Inc.	BUY	1.78	Ordinary	884	884
16-Apr-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	19,562	19,562
19-Apr-2021	The Vanguard Group, Inc.	BUY	1.71	Ordinary	34,970	34,970
19-Apr-2021	The Vanguard Group, Inc.	BUY	1.71	Ordinary	4,246	4,246
19-Apr-2021	The Vanguard Group, Inc.	SELL	1.71	Ordinary	(2,611)	(2,611)
20-Apr-2021	The Vanguard Group, Inc.	BUY	1.65	Ordinary	2,838	2,838
20-Apr-2021	The Vanguard Group, Inc.	BUY	1.68	Ordinary	5,388	5,388
20-Apr-2021	The Vanguard Group, Inc.	SELL	1.68	Ordinary	(129,510)	(129,510)
21-Apr-2021	The Vanguard Group, Inc.	BUY	1.69	Ordinary	2,838	2,838
22-Apr-2021	The Vanguard Group, Inc.	BUY	1.69	Ordinary	4,246	4,246
23-Apr-2021	The Vanguard Group, Inc.	BUY	1.72	Ordinary	2,838	2,838
26-Apr-2021	The Vanguard Group, Inc.	BUY	1.72	Ordinary	10,976	10,976
26-Apr-2021	The Vanguard Group, Inc.	BUY	1.71	Ordinary	40,399	40,399
27-Apr-2021	The Vanguard Group, Inc.	SELL	1.75	Ordinary	(2,906)	(2,906)
28-Apr-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	12,132	12,132
29-Apr-2021	The Vanguard Group, Inc.	SELL	1.74	Ordinary	(2,591)	(2,591)
30-Apr-2021	The Vanguard Group, Inc.	BUY	1.73	Ordinary	148,856	148,856
30-Apr-2021	The Vanguard Group, Inc.	BUY	1.73	Ordinary	5,382	5,382
5-May-2021	The Vanguard Group, Inc.	SELL	1.71	Ordinary	(54,893)	(54,893)
6-May-2021	The Vanguard Group, Inc.	BUY	1.77	Ordinary	6,369	6,369
6-May-2021	The Vanguard Group, Inc.	BUY	1.77	Ordinary	4,246	4,246
6-May-2021	The Vanguard Group, Inc.	BUY	1.77	Ordinary	4,257	4,257
7-May-2021	The Vanguard Group, Inc.	BUY	1.76	Ordinary	9,099	9,099
7-May-2021	The Vanguard Group, Inc.	BUY	1.76	Ordinary	39,429	39,429
7-May-2021	The Vanguard Group, Inc.	BUY	1.76	Ordinary	10,976	10,976
7-May-2021	The Vanguard Group, Inc.	BUY	1.76	Ordinary	4,246	4,246
7-May-2021	The Vanguard Group, Inc.	BUY	1.76	Ordinary	2,838	2,838
7-May-2021	The Vanguard Group, Inc.	SELL	1.76	Ordinary	(2,829)	(2,829)
10-May-2021	The Vanguard Group, Inc.	BUY	1.80	Ordinary	24,479	24,479
11-May-2021	The Vanguard Group, Inc.	BUY	1.78	Ordinary	2,838	2,838
13-May-2021	The Vanguard Group, Inc.	SELL	1.80	Ordinary	(30,184)	(30,184)
14-May-2021	The Vanguard Group, Inc.	BUY	1.83	Ordinary	15,968	15,968
17-May-2021	The Vanguard Group, Inc.	BUY	1.75	Ordinary	12,132	12,132
18-May-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	9,099	9,099
18-May-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	3,964	3,964
18-May-2021	The Vanguard Group, Inc.	BUY	1.74	Ordinary	4,257	4,257
19-May-2021	The Vanguard Group, Inc.	BUY	1.71	Ordinary	55,952	55,952
19-May-2021	The Vanguard Group, Inc.	BUY	1.71	Ordinary	20,982	20,982
20-May-2021	The Vanguard Group, Inc.	BUY	1.72	Ordinary	2,838	2,838
20-May-2021	The Vanguard Group, Inc.	BUY	1.71	Ordinary	1,408	1,408
27-Dec-2019	Vanguard Investments Australia Ltd.	BUY	2.37	Ordinary	11,904	11,904
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	2.35	Ordinary	18,016	18,016
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	2.34	Ordinary	67,379	67,379

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31-Dec-2019	Vanguard Investments Australia Ltd.	SELL	2.30	Ordinary	(82,833)	(82,833)
31-Dec-2019	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	11,245	11,245
2-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	15,732	15,732
2-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.30	Ordinary	26,724	26,724
3-Jan-2020	Vanguard Investments Australia Ltd.	SELL	2.28	Ordinary	(154,519)	(154,519)
6-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.27	Ordinary	38,088	38,088
7-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	13,266	13,266
7-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	153,952	153,952
8-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.28	Ordinary	33,225	33,225
9-Jan-2020	Vanguard Investments Australia Ltd.	SELL	2.31	Ordinary	(17,688)	(17,688)
13-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	33,285	33,285
17-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.29	Ordinary	11,799	11,799
21-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.33	Ordinary	33,585	33,585
23-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.32	Ordinary	11,799	11,799
29-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.23	Ordinary	15,732	15,732
30-Jan-2020	Vanguard Investments Australia Ltd.	BUY	2.18	Ordinary	33,570	33,570
3-Feb-2020	Vanguard Investments Australia Ltd.	SELL	2.12	Ordinary	(31,574)	(31,574)
3-Feb-2020	Vanguard Investments Australia Ltd.	SELL	2.11	Ordinary	(18,743)	(18,743)
7-Feb-2020	Vanguard Investments Australia Ltd.	BUY	2.19	Ordinary	22,160	22,160
10-Feb-2020	Vanguard Investments Australia Ltd.	BUY	2.09	Ordinary	90,299	90,299
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	2.16	Ordinary	43,980	43,980
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	2.15	Ordinary	64,228	64,228
12-Feb-2020	Vanguard Investments Australia Ltd.	SELL	2.17	Ordinary	(57,748)	(57,748)
13-Feb-2020	Vanguard Investments Australia Ltd.	SELL	2.19	Ordinary	(19,660)	(19,660)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	2.21	Ordinary	(40,269)	(40,269)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	2.21	Ordinary	(45,249)	(45,249)
26-Feb-2020	Vanguard Investments Australia Ltd.	BUY	2.03	Ordinary	35,504	35,504
27-Feb-2020	Vanguard Investments Australia Ltd.	BUY	2.00	Ordinary	178,937	178,937
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	1.94	Ordinary	(54,161)	(54,161)
28-Feb-2020	Vanguard Investments Australia Ltd.	BUY	1.94	Ordinary	33,675	33,675
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.92	Ordinary	11,901	11,901
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.92	Ordinary	64,071	64,071
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.90	Ordinary	15,868	15,868
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.90	Ordinary	40,307	40,307
4-Mar-2020	Vanguard Investments Australia Ltd.	SELL	1.89	Ordinary	(6,310)	(6,310)
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.88	Ordinary	15,952	15,952
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.88	Ordinary	52,770	52,770
6-Mar-2020	Vanguard Investments Australia Ltd.	SELL	1.80	Ordinary	(50,903)	(50,903)
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.56	Ordinary	19,945	19,945
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.56	Ordinary	23,934	23,934
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.56	Ordinary	82,495	82,495
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.56	Ordinary	92,086	92,086
10-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.69	Ordinary	114,933	114,933
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	35,901	35,901
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	23,934	23,934
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	57,275	57,275
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	45,820	45,820
12-Mar-2020	Vanguard Investments Australia Ltd.	SELL	1.47	Ordinary	(38,071)	(38,071)
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.47	Ordinary	15,956	15,956
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.47	Ordinary	38,624	38,624
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.47	Ordinary	68,160	68,160
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.47	Ordinary	232,977	232,977
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	31,920	31,920
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	68,100	68,100
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	141,331	141,331
16-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	79,450	79,450
17-Mar-2020	Vanguard Investments Australia Ltd.	SELL	1.56	Ordinary	(68,555)	(68,555)
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.51	Ordinary	23,318	23,318
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.56	Ordinary	31,920	31,920
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.56	Ordinary	23,940	23,940
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.56	Ordinary	55,025	55,025
18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.47	Ordinary	65,250	65,250
18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.47	Ordinary	93,902	93,902
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.42	Ordinary	11,973	11,973
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.42	Ordinary	49,703	49,703
20-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.45	Ordinary	67,270	67,270
23-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.45	Ordinary	30,604	30,604
26-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	32,520	32,520
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.52	Ordinary	59,225	59,225
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.52	Ordinary	83,017	83,017
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.45	Ordinary	53,975	53,975
27-Mar-2020	Vanguard Investments Australia Ltd.	SELL	1.45	Ordinary	(58,293)	(58,293)
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.52	Ordinary	42,467	42,467
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	167,024	167,024
31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	1.46	Ordinary	(189,967)	(189,967)

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31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	1.46	Ordinary	(73,668)	(73,668)
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	43,180	43,180
1-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	66,345	66,345
1-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	27,560	27,560
2-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.40	Ordinary	15,688	15,688
2-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.40	Ordinary	31,545	31,545
3-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.33	Ordinary	17,512	17,512
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	15,688	15,688
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	73,850	73,850
8-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.41	Ordinary	128,699	128,699
9-Apr-2020	Vanguard Investments Australia Ltd.	SELL	1.48	Ordinary	(138,851)	(138,851)
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.48	Ordinary	15,688	15,688
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.48	Ordinary	71,706	71,706
14-Apr-2020	Vanguard Investments Australia Ltd.	SELL	1.53	Ordinary	(122,858)	(122,858)
15-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.52	Ordinary	41,940	41,940
20-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.48	Ordinary	11,742	11,742
20-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.48	Ordinary	15,656	15,656
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.48	Ordinary	12,805	12,805
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.45	Ordinary	42,300	42,300
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.45	Ordinary	35,955	35,955
22-Apr-2020	Vanguard Investments Australia Ltd.	SELL	1.46	Ordinary	(252,963)	(252,963)
22-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	15,652	15,652
23-Apr-2020	Vanguard Investments Australia Ltd.	SELL	1.51	Ordinary	(269,117)	(269,117)
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.51	Ordinary	15,652	15,652
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.51	Ordinary	31,935	31,935
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	15,652	15,652
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	38,034	38,034
1-May-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	31,650	31,650
1-May-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	42,200	42,200
4-May-2020	Vanguard Investments Australia Ltd.	BUY	1.57	Ordinary	15,616	15,616
4-May-2020	Vanguard Investments Australia Ltd.	BUY	1.57	Ordinary	59,164	59,164
6-May-2020	Vanguard Investments Australia Ltd.	BUY	1.59	Ordinary	15,612	15,612
8-May-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	2,096	2,096
12-May-2020	Vanguard Investments Australia Ltd.	BUY	1.51	Ordinary	15,612	15,612
12-May-2020	Vanguard Investments Australia Ltd.	BUY	1.51	Ordinary	29,386	29,386
13-May-2020	Vanguard Investments Australia Ltd.	BUY	1.41	Ordinary	31,485	31,485
19-May-2020	Vanguard Investments Australia Ltd.	BUY	1.48	Ordinary	42,040	42,040
20-May-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	33,712	33,712
22-May-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	58,605	58,605
22-May-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	25,296	25,296
25-May-2020	Vanguard Investments Australia Ltd.	BUY	1.47	Ordinary	15,628	15,628
25-May-2020	Vanguard Investments Australia Ltd.	BUY	1.47	Ordinary	21,080	21,080
26-May-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	263,238	263,238
26-May-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	31,620	31,620
27-May-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	256,337	256,337
29-May-2020	Vanguard Investments Australia Ltd.	SELL	1.49	Ordinary	(28,823)	(28,823)
29-May-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	3,395,353	3,395,353
29-May-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	31,755	31,755
1-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.50	Ordinary	34,324	34,324
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	1.59	Ordinary	(66,007)	(66,007)
3-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.64	Ordinary	15,620	15,620
4-Jun-2020	Vanguard Investments Australia Ltd.	SELL	1.68	Ordinary	(97,561)	(97,561)
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.64	Ordinary	30,945	30,945
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.64	Ordinary	24,756	24,756
9-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.72	Ordinary	15,620	15,620
10-Jun-2020	Vanguard Investments Australia Ltd.	SELL	1.71	Ordinary	(110,466)	(110,466)
11-Jun-2020	Vanguard Investments Australia Ltd.	SELL	1.65	Ordinary	(4,556)	(4,556)
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.65	Ordinary	30,930	30,930
15-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.57	Ordinary	41,200	41,200
16-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	20,650	20,650
17-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.66	Ordinary	30,975	30,975
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.62	Ordinary	16,144	16,144
19-Jun-2020	Vanguard Investments Australia Ltd.	SELL	1.62	Ordinary	(252,400)	(252,400)
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.62	Ordinary	4,132	4,132
23-Jun-2020	Vanguard Investments Australia Ltd.	SELL	1.68	Ordinary	(36,006)	(36,006)
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.58	Ordinary	30,160	30,160
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	1.58	Ordinary	48,737	48,737
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	1.62	Ordinary	(221,504)	(221,504)
30-Jun-2020	Vanguard Investments Australia Ltd.	SELL	1.63	Ordinary	(158,173)	(158,173)
8-Jul-2020	Vanguard Investments Australia Ltd.	SELL	1.59	Ordinary	(1,480,136)	(1,480,136)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	1.73	Ordinary	(18,785)	(18,785)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	1.73	Ordinary	(19,170)	(19,170)
20-Jul-2020	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	41,093	41,093
21-Jul-2020	Vanguard Investments Australia Ltd.	SELL	1.75	Ordinary	(56,022)	(56,022)
24-Jul-2020	Vanguard Investments Australia Ltd.	BUY	1.67	Ordinary	89,745	89,745

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
30-Jul-2020	Vanguard Investments Australia Ltd.	BUY	1.59	Ordinary	28,275	28,275
3-Aug-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	175,244	175,244
3-Aug-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	210,526	210,526
5-Aug-2020	Vanguard Investments Australia Ltd.	BUY	1.57	Ordinary	32,850	32,850
7-Aug-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	43,920	43,920
12-Aug-2020	Vanguard Investments Australia Ltd.	SELL	1.65	Ordinary	(6,042)	(6,042)
12-Aug-2020	Vanguard Investments Australia Ltd.	BUY	1.65	Ordinary	129,238	129,238
17-Aug-2020	Vanguard Investments Australia Ltd.	SELL	1.59	Ordinary	(22,437)	(22,437)
21-Aug-2020	Vanguard Investments Australia Ltd.	BUY	1.65	Ordinary	39,988	39,988
25-Aug-2020	Vanguard Investments Australia Ltd.	BUY	1.65	Ordinary	33,045	33,045
26-Aug-2020	Vanguard Investments Australia Ltd.	BUY	1.65	Ordinary	3,159	3,159
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	1,229,615	1,229,615
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	15,148	15,148
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	34,832	34,832
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.53	Ordinary	9,175	9,175
4-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.51	Ordinary	8,171	8,171
7-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.54	Ordinary	29,003	29,003
9-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.48	Ordinary	40,554	40,554
15-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	15,176	15,176
16-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	11,320	11,320
17-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	15,176	15,176
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	1.49	Ordinary	(252,251)	(252,251)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	1.49	Ordinary	(125,689)	(125,689)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	1.49	Ordinary	(61,472)	(61,472)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	1.49	Ordinary	(75,175)	(75,175)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	1.49	Ordinary	(67,114)	(67,114)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	1.49	Ordinary	(3,351)	(3,351)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	1.49	Ordinary	(134,228)	(134,228)
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	11,335	11,335
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	18,136	18,136
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	1.49	Ordinary	(8,204)	(8,204)
21-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.47	Ordinary	6,843	6,843
24-Sep-2020	Vanguard Investments Australia Ltd.	SELL	1.41	Ordinary	(39,812)	(39,812)
24-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.41	Ordinary	14,424	14,424
25-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.43	Ordinary	22,400	22,400
28-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.42	Ordinary	29,862	29,862
28-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.42	Ordinary	15,132	15,132
29-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.44	Ordinary	6,696	6,696
30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.38	Ordinary	292,014	292,014
30-Sep-2020	Vanguard Investments Australia Ltd.	SELL	1.38	Ordinary	(82,836)	(82,836)
30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	1.38	Ordinary	22,190	22,190
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.37	Ordinary	71,942	71,942
5-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.42	Ordinary	33,000	33,000
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.42	Ordinary	21,960	21,960
7-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.41	Ordinary	29,862	29,862
9-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.42	Ordinary	14,964	14,964
12-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.43	Ordinary	4,618	4,618
13-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.44	Ordinary	22,080	22,080
19-Oct-2020	Vanguard Investments Australia Ltd.	SELL	1.50	Ordinary	(24,344)	(24,344)
19-Oct-2020	Vanguard Investments Australia Ltd.	SELL	1.50	Ordinary	(137,981)	(137,981)
20-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.48	Ordinary	14,964	14,964
20-Oct-2020	Vanguard Investments Australia Ltd.	SELL	1.48	Ordinary	(72,065)	(72,065)
20-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.48	Ordinary	126,369	126,369
23-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.49	Ordinary	22,290	22,290
27-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.43	Ordinary	222,012	222,012
27-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.43	Ordinary	39,836	39,836
28-Oct-2020	Vanguard Investments Australia Ltd.	SELL	1.43	Ordinary	(82,159)	(82,159)
28-Oct-2020	Vanguard Investments Australia Ltd.	SELL	1.43	Ordinary	(114,632)	(114,632)
28-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.43	Ordinary	22,390	22,390
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.44	Ordinary	14,960	14,960
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.44	Ordinary	23,350	23,350
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.44	Ordinary	377,329	377,329
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.44	Ordinary	136,310	136,310
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.44	Ordinary	69,142	69,142
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	1.44	Ordinary	29,877	29,877
3-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	22,390	22,390
4-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.45	Ordinary	33,540	33,540
4-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.45	Ordinary	10,135	10,135
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.44	Ordinary	4,474	4,474
10-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.56	Ordinary	38,216	38,216
10-Nov-2020	Vanguard Investments Australia Ltd.	SELL	1.55	Ordinary	(39,867)	(39,867)
11-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.59	Ordinary	29,886	29,886
12-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.56	Ordinary	15,008	15,008
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.52	Ordinary	3,519	3,519
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.52	Ordinary	38,386	38,386

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13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.52	Ordinary	119,674	119,674
17-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	19,924	19,924
17-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.63	Ordinary	22,700	22,700
17-Nov-2020	Vanguard Investments Australia Ltd.	SELL	1.63	Ordinary	(179,599)	(179,599)
19-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	118,112	118,112
20-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.72	Ordinary	4,682	4,682
20-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.72	Ordinary	9,364	9,364
23-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	27,252	27,252
25-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.83	Ordinary	67,019	67,019
26-Nov-2020	Vanguard Investments Australia Ltd.	SELL	1.81	Ordinary	(167,686)	(167,686)
26-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	236,300	236,300
26-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	29,901	29,901
26-Nov-2020	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	15,012	15,012
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	1.77	Ordinary	(47,382)	(47,382)
30-Nov-2020	Vanguard Investments Australia Ltd.	SELL	1.77	Ordinary	(156,786)	(156,786)
1-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	34,860	34,860
2-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.82	Ordinary	37,360	37,360
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.87	Ordinary	391,423	391,423
3-Dec-2020	Vanguard Investments Australia Ltd.	SELL	1.87	Ordinary	(5,494)	(5,494)
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.87	Ordinary	15,012	15,012
3-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.87	Ordinary	2,339	2,339
4-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.90	Ordinary	23,300	23,300
8-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.92	Ordinary	18,986	18,986
8-Dec-2020	Vanguard Investments Australia Ltd.	SELL	1.92	Ordinary	(23,280)	(23,280)
9-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.93	Ordinary	4,934	4,934
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.92	Ordinary	30,277	30,277
11-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.92	Ordinary	7,014	7,014
14-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.92	Ordinary	28,440	28,440
15-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.85	Ordinary	23,370	23,370
16-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.85	Ordinary	23,400	23,400
17-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.85	Ordinary	15,008	15,008
17-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.85	Ordinary	30,550	30,550
18-Dec-2020	Vanguard Investments Australia Ltd.	SELL	1.84	Ordinary	(32,265)	(32,265)
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.84	Ordinary	115,927	115,927
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.84	Ordinary	18,950	18,950
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.84	Ordinary	327,114	327,114
18-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.84	Ordinary	19,358	19,358
22-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.83	Ordinary	48,780	48,780
29-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.84	Ordinary	18,916	18,916
30-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.84	Ordinary	28,374	28,374
31-Dec-2020	Vanguard Investments Australia Ltd.	SELL	1.84	Ordinary	(25,494)	(25,494)
31-Dec-2020	Vanguard Investments Australia Ltd.	BUY	1.84	Ordinary	15,628	15,628
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.88	Ordinary	24,150	24,150
4-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.88	Ordinary	63,138	63,138
5-Jan-2021	Vanguard Investments Australia Ltd.	SELL	1.88	Ordinary	(6,773)	(6,773)
6-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.87	Ordinary	28,788	28,788
11-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.86	Ordinary	28,128	28,128
12-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.84	Ordinary	9,627	9,627
14-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.83	Ordinary	38,400	38,400
19-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	11,990	11,990
20-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	28,131	28,131
20-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	4,764	4,764
25-Jan-2021	Vanguard Investments Australia Ltd.	SELL	1.75	Ordinary	(58,140)	(58,140)
28-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.72	Ordinary	31,070	31,070
28-Jan-2021	Vanguard Investments Australia Ltd.	BUY	1.72	Ordinary	178,661	178,661
2-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.67	Ordinary	32,872	32,872
3-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	48,294	48,294
3-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	4,764	4,764
4-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.69	Ordinary	34,040	34,040
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.71	Ordinary	7,185	7,185
5-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.71	Ordinary	9,857	9,857
8-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.73	Ordinary	28,548	28,548
8-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.73	Ordinary	38,064	38,064
8-Feb-2021	Vanguard Investments Australia Ltd.	SELL	1.73	Ordinary	(15,508)	(15,508)
10-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.69	Ordinary	15,508	15,508
10-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.69	Ordinary	30,784	30,784
11-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	16,562	16,562
15-Feb-2021	Vanguard Investments Australia Ltd.	SELL	1.70	Ordinary	(61,348)	(61,348)
16-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	28,560	28,560
16-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	3,887	3,887
16-Feb-2021	Vanguard Investments Australia Ltd.	SELL	1.74	Ordinary	(15,548)	(15,548)
17-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	11,506	11,506
18-Feb-2021	Vanguard Investments Australia Ltd.	SELL	1.75	Ordinary	(1,547)	(1,547)
22-Feb-2021	Vanguard Investments Australia Ltd.	SELL	1.69	Ordinary	(570,240)	(570,240)
22-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.69	Ordinary	23,740	23,740

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23-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.66	Ordinary	15,556	15,556
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.62	Ordinary	28,551	28,551
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.62	Ordinary	23,860	23,860
26-Feb-2021	Vanguard Investments Australia Ltd.	BUY	1.62	Ordinary	232,398	232,398
3-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.70	Ordinary	48,500	48,500
4-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	58,997	58,997
5-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.71	Ordinary	24,300	24,300
8-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	7,200	7,200
9-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	7,194	7,194
10-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	11,805	11,805
10-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	28,716	28,716
15-Mar-2021	Vanguard Investments Australia Ltd.	SELL	1.74	Ordinary	(15,740)	(15,740)
17-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	28,692	28,692
17-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	24,080	24,080
19-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.67	Ordinary	16,322	16,322
22-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.69	Ordinary	15,720	15,720
29-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.77	Ordinary	19,122	19,122
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	30,953	30,953
30-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	26,191	26,191
31-Mar-2021	Vanguard Investments Australia Ltd.	SELL	1.74	Ordinary	(114,355)	(114,355)
31-Mar-2021	Vanguard Investments Australia Ltd.	SELL	1.74	Ordinary	(57,637)	(57,637)
31-Mar-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	4,928	4,928
1-Apr-2021	Vanguard Investments Australia Ltd.	SELL	1.77	Ordinary	(4,221,474)	(4,221,474)
1-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.77	Ordinary	15,528	15,528
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	29,661	29,661
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	26,554	26,554
6-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	7,122	7,122
7-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	28,548	28,548
8-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.82	Ordinary	10,884	10,884
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.82	Ordinary	38,288	38,288
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.82	Ordinary	52,580	52,580
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.82	Ordinary	28,680	28,680
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.82	Ordinary	7,335	7,335
9-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.82	Ordinary	24,450	24,450
12-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	11,646	11,646
13-Apr-2021	Vanguard Investments Australia Ltd.	SELL	1.76	Ordinary	(28,894)	(28,894)
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	2,444	2,444
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	4,888	4,888
14-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	7,332	7,332
16-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	28,677	28,677
20-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	48,600	48,600
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	96,429	96,429
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	15,656	15,656
21-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.68	Ordinary	59,524	59,524
26-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.71	Ordinary	28,680	28,680
28-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.73	Ordinary	63,544	63,544
28-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.73	Ordinary	13,972	13,972
29-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	27,599	27,599
29-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.74	Ordinary	9,776	9,776
30-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.73	Ordinary	28,662	28,662
30-Apr-2021	Vanguard Investments Australia Ltd.	BUY	1.73	Ordinary	15,652	15,652
3-May-2021	Vanguard Investments Australia Ltd.	BUY	1.70	Ordinary	25,350	25,350
3-May-2021	Vanguard Investments Australia Ltd.	BUY	1.70	Ordinary	7,332	7,332
4-May-2021	Vanguard Investments Australia Ltd.	BUY	1.71	Ordinary	31,685	31,685
5-May-2021	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	28,662	28,662
6-May-2021	Vanguard Investments Australia Ltd.	BUY	1.76	Ordinary	19,110	19,110
6-May-2021	Vanguard Investments Australia Ltd.	BUY	1.76	Ordinary	37,980	37,980
7-May-2021	Vanguard Investments Australia Ltd.	BUY	1.76	Ordinary	2,444	2,444
10-May-2021	Vanguard Investments Australia Ltd.	BUY	1.82	Ordinary	2,448	2,448
12-May-2021	Vanguard Investments Australia Ltd.	BUY	1.80	Ordinary	15,676	15,676
13-May-2021	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	55,556	55,556
13-May-2021	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	55,557	55,557
13-May-2021	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	7,359	7,359
13-May-2021	Vanguard Investments Australia Ltd.	BUY	1.79	Ordinary	4,906	4,906
14-May-2021	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	28,674	28,674
14-May-2021	Vanguard Investments Australia Ltd.	BUY	1.81	Ordinary	34,636	34,636
17-May-2021	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	15,744	15,744
17-May-2021	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	55,249	55,249
17-May-2021	Vanguard Investments Australia Ltd.	BUY	1.75	Ordinary	29,508	29,508
18-May-2021	Vanguard Investments Australia Ltd.	BUY	1.76	Ordinary	36,825	36,825
19-May-2021	Vanguard Investments Australia Ltd.	BUY	1.71	Ordinary	31,395	31,395
20-May-2021	Vanguard Investments Australia Ltd.	BUY	1.71	Ordinary	38,136	38,136
20-May-2021	Vanguard Investments Australia Ltd.	BUY	1.71	Ordinary	15,744	15,744
20-May-2021	Vanguard Investments Australia Ltd.	BUY	1.71	Ordinary	7,365	7,365
21-May-2021	Vanguard Investments Australia Ltd.	BUY	1.72	Ordinary	48,180	48,180

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
21-May-2021	Vanguard Investments Australia Ltd.	BUY	1.72	Ordinary	17,185	17,185
21-May-2021	Vanguard Investments Australia Ltd.	BUY	1.72	Ordinary	2,455	2,455

This is Annexure A of 13 pages referred to in Form 605. Notice of ceasing to be a substantial holder.

Signature:



Name: Shawn Acker

Capacity: Compliance Manager

Date: 26 May 2021

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