15 July 2001

Form 604

Corporations Act 2001 Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme Medibank Private Limited ACN/ARSN 080 890 259

1. Details of substantial holder (1)

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

There was a change in the interests of the

substantial holder on 18 December 2020 The previous notice was given to the company on 19 November 2018 The previous notice was dated 19 November 2018

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	137,963,568	5.010%	165,843,215	6.022%	

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 Annexu	re 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	Registered holder of	Person entitled to be registered	Nature of relevant	Class and number of	Person's votes
interest	securities	as holder (8)	interest (6)	securities	Votes
Vanguard	Brown Brothers	Various funds	Vanguard Group is the manager of various Mutual funds and	Ordinary -	
Group	Harriman	and other	accounts and in that capacity has the power to dispose of the	7,473,815	7,473,815
		accounts of	shares. The other members of Vanguard Group have a	.,,	.,,
		Vanguard Group	relevant interest under section 608(3) of the Corporations Act.		
Vanguard	BNY Mellon	Various funds	Vanguard Group is the manager of various Mutual funds and	Ordinary -	
Group		and other	accounts and in that capacity has the power to dispose of the	8,111,022	8,111,022
		accounts of	shares. The other members of Vanguard Group have a		
		Vanguard Group	relevant interest under section 608(3) of the Corporations Act.		
Vanguard	Citibank N.A	Various funds	Vanguard Group is the manager of various Mutual funds and	Ordinary –	
Group		and other	accounts and in that capacity has the power to dispose of the	47,661	47,661
		accounts of	shares. The other members of Vanguard Group have a		
		Vanguard Group	relevant interest under section 608(3) of the Corporations Act		
Vanguard	JP Morgan Chase	Various funds	Vanguard Group is the manager of various Mutual funds and	Ordinary –	
Group	Bank, N.A.	and other	accounts and in that capacity has the power to dispose of the	86,034,224	86,034,224
		accounts of	shares. The other members of Vanguard Group have a		
		Vanguard Group	relevant interest under section 608(3) of the Corporations Act.		
Vanguard	State Street Bank	Various funds	Vanguard Group is the manager of various Mutual funds and	Ordinary –	
Group	and Trust	and other	accounts and in that capacity has the power to dispose of the	19,919,027	19,919,027
	Company	accounts of	shares. The other members of Vanguard Group have a		
		Vanguard Group	relevant interest under section 608(3) of the Corporations Act.		
Vanguard	Various others	Various funds	Vanguard Group is the manager of various Mutual funds and	Ordinary –	44.057.400
Group		and other	accounts and in that capacity has the power to dispose of the	44,257,466	44,257,466
		accounts of	shares. The other members of Vanguard Group have a		
		Vanguard Group	relevant interest under section 608(3) of the Corporations Act.		

	604	page 2/2	15 July 2001

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	Э
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print name	Shawn Acker	capacity (<u>Compliance Manager</u>

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 ACN/ARSN

Medibank Private Limited

080 890 259

Substantial Holder Name

The Vanguard Group, Inc.

ACN/ARSN

N/A

Date of change		Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
2	1-Nov-18	The Vanguard Group, Inc.	BUY	2.53	Ordinary	30,864	30,864
2	8-Nov-18	The Vanguard Group, Inc.	BUY	2.53	Ordinary	17,130	17,130
2	8-Nov-18	The Vanguard Group, Inc.	BUY	2.53	Ordinary	2,855	2,855
2	8-Nov-18	The Vanguard Group, Inc.	BUY	2.53	Ordinary	19,290	19,290
2	8-Nov-18	The Vanguard Group, Inc.	BUY	2.53	Ordinary	24,563	24,563
2	9-Nov-18	The Vanguard Group, Inc.	BUY	2.48	Ordinary	3,549	3,549
3	0-Nov-18	The Vanguard Group, Inc.	SELL	2.42	Ordinary	(77,269)	(77,269)
3	0-Nov-18	The Vanguard Group, Inc.	BUY	2.43	Ordinary	2,001	2,001
	3-Dec-18	The Vanguard Group, Inc.	BUY	2.44	Ordinary	4,002	4,002
	4-Dec-18	The Vanguard Group, Inc.	BUY	2.43	Ordinary	27,832	27,832
	4-Dec-18	The Vanguard Group, Inc.	BUY	2.41	Ordinary	26,912	26,912
	4-Dec-18	The Vanguard Group, Inc.	BUY	2.41	Ordinary	30,864	30,864
	5-Dec-18	The Vanguard Group, Inc.	BUY	2.41	Ordinary	13,926	13,926
	5-Dec-18	The Vanguard Group, Inc.	BUY	2.41	Ordinary	38,965	38,965
	5-Dec-18	The Vanguard Group, Inc.	BUY	2.41	Ordinary	97,417	97,417
	6-Dec-18	The Vanguard Group, Inc.	SELL	2.41	Ordinary	(3,474)	(3,474)
	6-Dec-18	The Vanguard Group, Inc.	BUY	2.41	Ordinary	18,387	18,387
	6-Dec-18	The Vanguard Group, Inc.	BUY	2.42	Ordinary	20,184	20,184
	7-Dec-18	The Vanguard Group, Inc.	BUY	2.36	Ordinary	27,006	27,006
	7-Dec-18	The Vanguard Group, Inc.	BUY	2.36	Ordinary	30,864	30,864
1	.0-Dec-18	The Vanguard Group, Inc.	BUY	2.35	Ordinary	14,740	14,740
1	1-Dec-18	The Vanguard Group, Inc.	BUY	2.34	Ordinary	30,864	30,864
1	1-Dec-18	The Vanguard Group, Inc.	BUY	2.34	Ordinary	23,148	23,148
1	.2-Dec-18	The Vanguard Group, Inc.	BUY	2.36	Ordinary	23,148	23,148
		The Vanguard Group, Inc.	BUY	2.36	Ordinary	23,148	23,148
		The Vanguard Group, Inc.	BUY	2.36	Ordinary	65,586	65,586
1	.2-Dec-18	The Vanguard Group, Inc.	SELL	2.35	Ordinary	(2,367)	(2,367)
1	2-Dec-18	The Vanguard Group, Inc.	BUY	2.36	Ordinary	14,036	14,036
1	.3-Dec-18	The Vanguard Group, Inc.	BUY	2.33	Ordinary	24,563	24,563
		The Vanguard Group, Inc.	BUY	2.33	Ordinary	3,984	3,984
		The Vanguard Group, Inc.	BUY	2.32	Ordinary	23,148	23,148
1	4-Dec-18	The Vanguard Group, Inc.	BUY	2.32	Ordinary	10,527	10,527
1	.7-Dec-18	The Vanguard Group, Inc.	BUY	2.32	Ordinary	46,296	46,296
		The Vanguard Group, Inc.	BUY	2.32	Ordinary	35,090	35,090
		The Vanguard Group, Inc.	BUY	2.36	Ordinary	4,289	4,289
		The Vanguard Group, Inc.	BUY	2.48	Ordinary	21,257	21,257
2	:0-Dec-18	The Vanguard Group, Inc.	BUY	2.48	Ordinary	30,864	30,864
2	:0-Dec-18	The Vanguard Group, Inc.	SELL	2.48	Ordinary	(102,250)	(102,250)
2	1-Dec-18	The Vanguard Group, Inc.	SELL	2.49	Ordinary	(3,985)	
		The Vanguard Group, Inc.	SELL		Ordinary	(64,932)	(64,932)
2	1-Dec-18	The Vanguard Group, Inc.	SELL		Ordinary	(56,187)	(56,187)
		The Vanguard Group, Inc.	SELL		Ordinary	(2,320)	
		The Vanguard Group, Inc.	BUY		Ordinary	53,280	53,280
		The Vanguard Group, Inc.	BUY		Ordinary	33,300	33,300
		The Vanguard Group, Inc.	BUY		Ordinary	19,980	19,980
		The Vanguard Group, Inc.	BUY		Ordinary	10,505	10,505
		The Vanguard Group, Inc.	BUY		Ordinary	4,002	4,002
		The Vanguard Group, Inc.	BUY		Ordinary	9,990	9,990
		The Vanguard Group, Inc.	BUY		Ordinary	49,950	49,950
		The Vanguard Group, Inc.	BUY		Ordinary	16,650	16,650
		The Vanguard Group, Inc.	BUY		Ordinary	124,333	124,333
		The Vanguard Group, Inc.	BUY	2.57	Ordinary	50,424	50,424
		The Vanguard Group, Inc.	BUY		Ordinary	17,754	17,754

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
	The Vanguard Group, Inc.	BUY	2.51	Ordinary	37,818	37,818
2-Jan-19	The Vanguard Group, Inc.	BUY	2.51	Ordinary	14,707	14,707
2-Jan-19	The Vanguard Group, Inc.	BUY	2.55	Ordinary	4,241	4,241
2-Jan-19	The Vanguard Group, Inc.	BUY	2.51	Ordinary	19,980	19,980
2-Jan-19	The Vanguard Group, Inc.	BUY	2.51	Ordinary	23,310	23,310
2-Jan-19	The Vanguard Group, Inc.	BUY	2.51	Ordinary	3,830	3,830
	The Vanguard Group, Inc.	BUY	2.54	Ordinary	16,650	16,650
3-Jan-19	The Vanguard Group, Inc.	BUY	2.54	Ordinary	3,830	3,830
	The Vanguard Group, Inc.	BUY	2.54	Ordinary	6,660	6,660
	The Vanguard Group, Inc.	BUY	2.55	Ordinary	10,005	10,005
	The Vanguard Group, Inc.	SELL	2.53	Ordinary	(55,431)	(55,431)
	The Vanguard Group, Inc.	SELL	2.53	Ordinary	(2,224)	(2,224)
	The Vanguard Group, Inc.	BUY	2.56	Ordinary	14,186	14,186
	The Vanguard Group, Inc.	BUY	2.57	Ordinary	33,616	33,616
	The Vanguard Group, Inc.	SELL	2.55	Ordinary	(54,373)	(54,373)
	The Vanguard Group, Inc.	BUY	2.57	Ordinary	7,660	7,660
	The Vanguard Group, Inc.	BUY	2.58	Ordinary	12,606	12,606
	The Vanguard Group, Inc.	BUY	2.58	Ordinary	4,002	4,002
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	The Vanguard Group, Inc.	BUY	2.57	Ordinary	113,868	113,868
	The Vanguard Group, Inc.	BUY	2.64	Ordinary	10,902	10,902
	The Vanguard Group, Inc.	BUY	2.65	Ordinary	4,468	4,468
	The Vanguard Group, Inc.	SELL	2.65	Ordinary	(21,616)	(21,616)
	The Vanguard Group, Inc.	SELL	2.66	Ordinary	(22,248)	(22,248)
	The Vanguard Group, Inc.	BUY	2.63	Ordinary	663	663
	The Vanguard Group, Inc.	SELL	2.63	Ordinary	(22,248)	(22,248)
	The Vanguard Group, Inc.	BUY	2.59	Ordinary	4,549	4,549
	The Vanguard Group, Inc.	SELL	2.59	Ordinary	(48,204)	(48,204)
	The Vanguard Group, Inc.	BUY	2.61	Ordinary	33,445	33,445
24-Jan-19	The Vanguard Group, Inc.	SELL	2.61	Ordinary	(48,204)	(48,204)
25-Jan-19	The Vanguard Group, Inc.	BUY	2.61	Ordinary	2,776	2,776
	The Vanguard Group, Inc.	SELL	2.61	Ordinary	(19,980)	(19,980)
29-Jan-19	The Vanguard Group, Inc.	SELL	2.62	Ordinary	(29,664)	(29,664)
29-Jan-19	The Vanguard Group, Inc.	SELL	2.62	Ordinary	(29,664)	(29,664)
29-Jan-19	The Vanguard Group, Inc.	SELL	2.62	Ordinary	(70,452)	(70,452)
29-Jan-19	The Vanguard Group, Inc.	SELL	2.61	Ordinary	(2,155)	(2,155)
29-Jan-19	The Vanguard Group, Inc.	SELL	2.62	Ordinary	(13,320)	(13,320)
30-Jan-19	The Vanguard Group, Inc.	BUY	2.64	Ordinary	76,003	76,003
30-Jan-19	The Vanguard Group, Inc.	BUY	2.65	Ordinary	14,707	14,707
30-Jan-19	The Vanguard Group, Inc.	SELL	2.64	Ordinary	(53,251)	
30-Jan-19	The Vanguard Group, Inc.	SELL	2.65	Ordinary	(19,980)	
31-Jan-19	The Vanguard Group, Inc.	BUY	2.64	Ordinary	50,883	50,883
31-Jan-19	The Vanguard Group, Inc.	BUY		Ordinary	1,346	1,346
	The Vanguard Group, Inc.	SELL		Ordinary	(56,610)	
	The Vanguard Group, Inc.	BUY		Ordinary	13,828	13,828
	The Vanguard Group, Inc.	BUY		Ordinary	23,111	23,111
	The Vanguard Group, Inc.	SELL		Ordinary	(22,008)	(22,008)
	The Vanguard Group, Inc.	BUY		Ordinary	42,020	42,020
	The Vanguard Group, Inc.	SELL		Ordinary	(13,320)	
	The Vanguard Group, Inc.	SELL		Ordinary	(13,320)	
	The Vanguard Group, Inc.	BUY		Ordinary	34,743	34,743
	The Vanguard Group, Inc.	BUY		Ordinary	102,311	102,311
	The Vanguard Group, Inc.	BUY		Ordinary	51,155	51,155
	The Vanguard Group, Inc.	SELL		Ordinary	(43,290)	
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	+	Ordinary	54,953	54,953
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL		· · · · · ·		
				Ordinary	(29,970)	
	The Vanguard Group, Inc.	SELL		Ordinary	(143,189)	(143,189)
	The Vanguard Group, Inc.	SELL	2.81	Ordinary	(19,980)	(19,980)
	The Vanguard Group, Inc.	BUY		Ordinary	12,767	12,767
	The Vanguard Group, Inc.	BUY	2.82	Ordinary	5,997	5,997
20-Feb-19	The Vanguard Group, Inc.	BUY	2.82	Ordinary	44,106	44,106

Date of change	Person whose relevant interest changed	Nature of	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes
Date of change	The Vanguard Group, Inc.	Change(6) SELL	2.82	Ordinary	(48,326)	(48,326)
	The Vanguard Group, Inc.	SELL	2.81	Ordinary	(16,650)	(16,650)
	The Vanguard Group, Inc.	BUY	2.79	Ordinary	18,540	18,540
	The Vanguard Group, Inc.	BUY	2.82	Ordinary	1,346	1,346
	The Vanguard Group, Inc.	BUY	2.83	Ordinary	3,830	3,830
	The Vanguard Group, Inc.	SELL	2.84	Ordinary	(49,252)	(49,252)
	The Vanguard Group, Inc.	BUY	2.87	Ordinary	2,489	2,489
	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(108,751)	(108,751)
	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(12,366)	(12,366)
	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(49,298)	(49,298)
	The Vanguard Group, Inc.	BUY	2.89	Ordinary	101,600	101,600
	The Vanguard Group, Inc.	SELL	2.89	Ordinary	(48,975)	(48,975)
	The Vanguard Group, Inc.	SELL	2.83	Ordinary	(12,276)	(12,276)
	The Vanguard Group, Inc.	BUY	2.83	Ordinary	285,552	285,552
	The Vanguard Group, Inc.	BUY	2.82	Ordinary	81,346	81,346
	The Vanguard Group, Inc.	BUY	2.83	Ordinary	22.248	22,248
		BUY	2.83	-	2,836	2,836
	The Vanguard Group, Inc.			Ordinary		·
	The Vanguard Group, Inc.	BUY	2.77	Ordinary	18,540	18,540
	The Vanguard Group, Inc.	BUY	2.77	Ordinary	30,464	30,464
	The Vanguard Group, Inc.	BUY	2.77	Ordinary	1,346	1,346
	The Vanguard Group, Inc.	SELL	2.76	Ordinary	(15,510)	(15,510)
	The Vanguard Group, Inc.	SELL	2.75	Ordinary	(51,168)	(51,168)
	The Vanguard Group, Inc.	SELL	2.74	Ordinary	(1,009)	(1,009)
	The Vanguard Group, Inc.	SELL	2.74	Ordinary	(7,128)	(7,128)
	The Vanguard Group, Inc.	BUY	2.71	Ordinary	29,414	29,414
	The Vanguard Group, Inc.	BUY	2.69	Ordinary	740	740
	The Vanguard Group, Inc.	BUY	2.69	Ordinary	19,433	19,433
	The Vanguard Group, Inc.	BUY	2.71	Ordinary	11,124	11,124
	The Vanguard Group, Inc.	BUY	2.70	Ordinary	298,496	298,496
	The Vanguard Group, Inc.	SELL	2.68	Ordinary	(2,104)	(2,104)
	The Vanguard Group, Inc.	BUY	2.71	Ordinary	4,132	4,132
	The Vanguard Group, Inc.	SELL	2.74	Ordinary	(12,965)	(12,965)
	The Vanguard Group, Inc.	BUY		Ordinary	1,346	1,346
	The Vanguard Group, Inc.	SELL	2.76	Ordinary	(32,361)	(32,361)
	The Vanguard Group, Inc.	BUY	2.76	Ordinary	258,152	258,152
	The Vanguard Group, Inc.	BUY	2.76	Ordinary	8,240	8,240
	The Vanguard Group, Inc.	BUY	2.76	Ordinary	14,832	14,832
	The Vanguard Group, Inc.	BUY		Ordinary	4,132	4,132
	The Vanguard Group, Inc.	BUY		Ordinary	5,460	5,460
4-Apr-19	The Vanguard Group, Inc.	SELL	2.74	Ordinary	(21,035)	(21,035)
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	BUY	2.67	Ordinary	42,020	42,020
·	The Vanguard Group, Inc.	BUY	2.72	Ordinary	68,388	68,388
•	The Vanguard Group, Inc.	BUY		Ordinary	4,132	4,132
·	The Vanguard Group, Inc.	BUY		Ordinary	4,132	4,132
	The Vanguard Group, Inc.	SELL		Ordinary	(16,341)	(16,341)
	The Vanguard Group, Inc.	BUY		Ordinary	66,150	66,150
16-Apr-19	The Vanguard Group, Inc.	BUY	2.71	Ordinary	1,346	1,346
·	The Vanguard Group, Inc.	BUY	2.70	Ordinary	2,916	2,916
17-Apr-19	The Vanguard Group, Inc.	BUY	2.71	Ordinary	302,800	302,800
18-Apr-19	The Vanguard Group, Inc.	BUY	2.74	Ordinary	35,044	35,044
23-Apr-19	The Vanguard Group, Inc.	SELL	2.82	Ordinary	(14,738)	(14,738)
23-Apr-19	The Vanguard Group, Inc.	BUY	2.83	Ordinary	37,818	37,818
24-Apr-19	The Vanguard Group, Inc.	BUY	2.84	Ordinary	2,675	2,675
24-Apr-19	The Vanguard Group, Inc.	BUY		Ordinary	4,656	4,656
24-Apr-19	The Vanguard Group, Inc.	SELL	2.86	Ordinary	(73,647)	(73,647)
26-Apr-19	The Vanguard Group, Inc.	BUY	2.87	Ordinary	18,540	18,540
26-Apr-19	The Vanguard Group, Inc.	SELL	2.84	Ordinary	(1,947)	(1,947)
	The Vanguard Group, Inc.	BUY		Ordinary	4,386	4,386
3-May-19	The Vanguard Group, Inc.	BUY	2.92	Ordinary	5,460	5,460
	The Vanguard Group, Inc.	BUY		Ordinary	245,806	245,806

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
•	The Vanguard Group, Inc.	SELL		Ordinary	(16,506)	(16,506)
	The Vanguard Group, Inc.	BUY	2.90	Ordinary	5,460	5,460
	The Vanguard Group, Inc.	BUY	2.88	Ordinary	21,010	21,010
,	The Vanguard Group, Inc.	BUY	2.91	Ordinary	119,176	119,176
	The Vanguard Group, Inc.	SELL	2.88	Ordinary	(16,506)	(16,506)
•	The Vanguard Group, Inc.	BUY	2.87	Ordinary	320,118	320,118
8-May-19	The Vanguard Group, Inc.	BUY	2.88	Ordinary	4,407	4,407
9-May-19	The Vanguard Group, Inc.	BUY	2.92	Ordinary	22,248	22,248
9-May-19	The Vanguard Group, Inc.	BUY	2.92	Ordinary	4,120	4,120
10-May-19	The Vanguard Group, Inc.	BUY	2.88	Ordinary	3,473	3,473
10-May-19	The Vanguard Group, Inc.	SELL	2.88	Ordinary	(44,677)	(44,677)
14-May-19	The Vanguard Group, Inc.	BUY	2.87	Ordinary	7,459	7,459
14-May-19	The Vanguard Group, Inc.	BUY	2.86	Ordinary	1,346	1,346
14-May-19	The Vanguard Group, Inc.	SELL	2.85	Ordinary	(16,506)	(16,506)
14-May-19	The Vanguard Group, Inc.	BUY	2.87	Ordinary	281,960	281,960
14-May-19	The Vanguard Group, Inc.	BUY	2.85	Ordinary	13,320	13,320
14-May-19	The Vanguard Group, Inc.	BUY	2.85	Ordinary	2,060	2,060
15-May-19	The Vanguard Group, Inc.	BUY	2.86	Ordinary	36,321	36,321
	The Vanguard Group, Inc.	BUY	2.86	Ordinary	253,529	253,529
16-May-19	The Vanguard Group, Inc.	BUY	2.87	Ordinary	428,788	428,788
20-May-19	The Vanguard Group, Inc.	BUY	3.20	Ordinary	21,010	21,010
	The Vanguard Group, Inc.	BUY	3.32	Ordinary	4,187	4,187
21-May-19	The Vanguard Group, Inc.	BUY	3.32	Ordinary	12,722	12,722
22-May-19	The Vanguard Group, Inc.	BUY	3.19	Ordinary	13,112	13,112
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	BUY	3.26	Ordinary	13,952	13,952
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	BUY	3.23	Ordinary	5,269	5,269
	The Vanguard Group, Inc.	BUY	3.27	Ordinary	12,276	12,276
	The Vanguard Group, Inc.	BUY	3.26	Ordinary	18,540	18,540
	The Vanguard Group, Inc.	BUY	3.27	Ordinary	44,537	44,537
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	SELL	3.26	Ordinary	(1,779)	(1,779)
	The Vanguard Group, Inc.	BUY	3.26	Ordinary	7,273	7,273
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	SELL	3.31	Ordinary	(76,139)	(76,139)
	The Vanguard Group, Inc.	SELL		Ordinary	(7,822)	(7,822)
	The Vanguard Group, Inc.	BUY	3.24	Ordinary	21,010	21,010
	The Vanguard Group, Inc.	BUY	3.22	Ordinary	24,419	24,419
	The Vanguard Group, Inc.	SELL	3.29	Ordinary	(5,460)	(5,460)
	The Vanguard Group, Inc.	SELL		Ordinary	(11,004)	(11,004)
	The Vanguard Group, Inc.	SELL		Ordinary	(22,008)	(22,008)
	The Vanguard Group, Inc.	BUY		Ordinary	1,346	1,346
	The Vanguard Group, Inc.	SELL		Ordinary	(89,225)	(89,225)
	The Vanguard Group, Inc.	BUY		Ordinary	4,120	4,120
	The Vanguard Group, Inc.	BUY		Ordinary	735 27,038	735
	The Vanguard Group, Inc.	BUY		Ordinary	· · · · · · · · · · · · · · · · · · ·	27,038
	The Vanguard Group, Inc.	BUY		Ordinary Ordinary	2,974	2,974
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	3.36	Ordinary	4,120 25,212	4,120 25,212
		BUY		Ordinary		
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL		Ordinary	4,461	4,461
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	(13,755) 2,316	(13,755) 2,316
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	22,261	22,261
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	25,212	25,212
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	8,404	8,404
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL		Ordinary	(164,476)	
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL		Ordinary	(8,253)	
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	2,974	2,974
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	2,974	2,974
	The Vanguard Group, Inc. The Vanguard Group, Inc.	SELL		Ordinary	(73,288)	(73,288)
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	1,346	1,346
17-Juli-13						
17-lun-19	The Vanguard Group, Inc.	SELL	3.40	Ordinary	(22,730)	(22,730)

Date of change	December of the second second second	Nature of	Consideration given in relation	Class	Number of securities affected	Person's votes
Date of change	Person whose relevant interest changed The Vanguard Group, Inc.	Change(6) BUY	to change(7)	Class Ordinary	82,835	affected 82,835
	The Vanguard Group, Inc.	BUY	3.50	Ordinary	21,010	21,010
	The Vanguard Group, Inc.	BUY	3.56	Ordinary	26,408	26,408
	The Vanguard Group, Inc.	SELL	3.56	Ordinary	(35,297)	(35,297)
	The Vanguard Group, Inc.	SELL	3.56	Ordinary	(30,803)	(30,803)
	The Vanguard Group, Inc.	BUY	3.57	Ordinary	10,505	10,505
	The Vanguard Group, Inc.	SELL	3.56	Ordinary	(232,357)	(232,357)
	The Vanguard Group, Inc.	SELL	3.56	Ordinary	(202,763)	(202,763)
	The Vanguard Group, Inc.	SELL	3.56	Ordinary	(2,288)	(2,288)
21-Jun-19	The Vanguard Group, Inc.	SELL	3.56	Ordinary	(1,995)	(1,995)
24-Jun-19	The Vanguard Group, Inc.	BUY	3.50	Ordinary	24,880	24,880
25-Jun-19	The Vanguard Group, Inc.	BUY	3.44	Ordinary	8,123	8,123
	The Vanguard Group, Inc.	SELL	3.43	Ordinary	(8,253)	(8,253)
25-Jun-19	The Vanguard Group, Inc.	BUY	3.43	Ordinary	18,459	18,459
25-Jun-19	The Vanguard Group, Inc.	BUY	3.43	Ordinary	12,306	12,306
26-Jun-19	The Vanguard Group, Inc.	BUY	3.47	Ordinary	5,460	5,460
26-Jun-19	The Vanguard Group, Inc.	BUY	3.47	Ordinary	8,192	8,192
26-Jun-19	The Vanguard Group, Inc.	BUY	3.47	Ordinary	14,357	14,357
26-Jun-19	The Vanguard Group, Inc.	BUY	3.47	Ordinary	24,612	24,612
27-Jun-19	The Vanguard Group, Inc.	SELL	3.49	Ordinary	(3,864)	(3,864)
27-Jun-19	The Vanguard Group, Inc.	BUY	3.47	Ordinary	115,998	115,998
28-Jun-19	The Vanguard Group, Inc.	BUY	3.50	Ordinary	14,870	14,870
1-Jul-19	The Vanguard Group, Inc.	BUY	3.48	Ordinary	2,974	2,974
2-Jul-19	The Vanguard Group, Inc.	BUY	3.49	Ordinary	48,028	48,028
2-Jul-19	The Vanguard Group, Inc.	BUY	3.49	Ordinary	18,459	18,459
4-Jul-19	The Vanguard Group, Inc.	BUY	3.63	Ordinary	24,571	24,571
5-Jul-19	The Vanguard Group, Inc.	BUY	3.67	Ordinary	14,832	14,832
8-Jul-19	The Vanguard Group, Inc.	BUY	3.64	Ordinary	8,629	8,629
9-Jul-19	The Vanguard Group, Inc.	BUY	3.64	Ordinary	1,346	1,346
9-Jul-19	The Vanguard Group, Inc.	BUY	3.65	Ordinary	20,510	20,510
	The Vanguard Group, Inc.	BUY	3.58	Ordinary	8,006	8,006
	The Vanguard Group, Inc.	SELL	3.59	Ordinary	(41,857)	(41,857)
15-Jul-19	The Vanguard Group, Inc.	BUY		Ordinary	22,248	22,248
	The Vanguard Group, Inc.	BUY	3.59	Ordinary	239,833	239,833
	The Vanguard Group, Inc.	BUY	3.60	Ordinary	20,510	20,510
	The Vanguard Group, Inc.	BUY	3.60	Ordinary	14,357	14,357
	The Vanguard Group, Inc.	BUY	3.60	Ordinary	10,255	10,255
	The Vanguard Group, Inc.	BUY		Ordinary	3,728	3,728
	The Vanguard Group, Inc.	SELL		Ordinary	(48,511)	
	The Vanguard Group, Inc.	BUY		Ordinary	20,510	20,510
	The Vanguard Group, Inc.	BUY	3.61	Ordinary	18,540	18,540
	The Vanguard Group, Inc.	BUY		Ordinary	18,540	18,540
	The Vanguard Group, Inc.	BUY		Ordinary	3,728	3,728
	The Vanguard Group, Inc.	BUY		Ordinary	20,510	20,510
	The Vanguard Group, Inc.	BUY		Ordinary	9,330	9,330
	The Vanguard Group, Inc.	BUY		Ordinary	703	703
	The Vanguard Group, Inc.	SELL		Ordinary	(10,693)	(10,693)
	The Vanguard Group, Inc.	BUY		Ordinary	18,459	18,459
	The Vanguard Group, Inc.	BUY	+	Ordinary	15,550	15,550
	The Vanguard Group, Inc.	BUY	3.63	Ordinary	3,728	3,728
	The Vanguard Group, Inc.	SELL	3.64	Ordinary	(59,817)	
	The Vanguard Group, Inc.	BUY		Ordinary	5,460	5,460
	The Vanguard Group, Inc.	BUY		Ordinary	35,600	35,600
	The Vanguard Group, Inc.	SELL		Ordinary	(11,004)	
	The Vanguard Group, Inc.	BUY		Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY		Ordinary	18,459	18,459
	The Vanguard Group, Inc.	SELL		Ordinary	(8,522)	(8,522)
	The Vanguard Group, Inc.	SELL		Ordinary	(103,336)	(103,336)
	The Vanguard Group, Inc.	BUY	3.57	Ordinary	33,372	33,372
2-Aug-19	The Vanguard Group, Inc.	BUY	3.55	Ordinary	12,440	12,440

Pate of shares	Barrar who are relevant interest channel	Nature of	Consideration given in relation	01	Number of	Person's votes
Date of change	Person whose relevant interest changed	Change(6)	to change(7)	Class	securities affected	affected
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	3.47	Ordinary	20,510 15.550	20,510
	The Vanguard Group, Inc.	BUY	3.47	Ordinary Ordinary	32,869	15,550 32,869
	The Vanguard Group, Inc.	BUY	3.42	Ordinary	223,527	223,527
	The Vanguard Group, Inc.	BUY	3.45	Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY	3.45	Ordinary	1,864	1,864
<u> </u>	The Vanguard Group, Inc.	SELL	3.39	Ordinary	(2,257)	(2,257)
	The Vanguard Group, Inc.	BUY	3.42	Ordinary	4,375	4,375
U	The Vanguard Group, Inc.	SELL	3.43	Ordinary	(13,755)	(13,755)
•	The Vanguard Group, Inc.	BUY	3.44	Ordinary	5,592	5,592
	The Vanguard Group, Inc.	BUY	3.42	Ordinary	9,181	9,181
	The Vanguard Group, Inc.	BUY	3.41	Ordinary	32,816	32,816
13-Aug-19	The Vanguard Group, Inc.	SELL	3.47	Ordinary	(19,257)	(19,257)
13-Aug-19	The Vanguard Group, Inc.	BUY	3.46	Ordinary	191,124	191,124
	The Vanguard Group, Inc.	BUY	3.47	Ordinary	3,728	3,728
14-Aug-19	The Vanguard Group, Inc.	BUY	3.47	Ordinary	1,346	1,346
14-Aug-19	The Vanguard Group, Inc.	SELL	3.45	Ordinary	(11,308)	(11,308)
15-Aug-19	The Vanguard Group, Inc.	SELL	3.37	Ordinary	(16,506)	(16,506)
16-Aug-19	The Vanguard Group, Inc.	BUY	3.39	Ordinary	8,043	8,043
16-Aug-19	The Vanguard Group, Inc.	BUY	3.39	Ordinary	212,964	212,964
19-Aug-19	The Vanguard Group, Inc.	SELL	3.36	Ordinary	(2,483)	(2,483)
19-Aug-19	The Vanguard Group, Inc.	BUY	3.41	Ordinary	82,475	82,475
19-Aug-19	The Vanguard Group, Inc.	BUY	3.36	Ordinary	29,466	29,466
19-Aug-19	The Vanguard Group, Inc.	BUY	3.37	Ordinary	2,776	2,776
20-Aug-19	The Vanguard Group, Inc.	BUY	3.38	Ordinary	2,776	2,776
22-Aug-19	The Vanguard Group, Inc.	BUY	3.48	Ordinary	41,020	41,020
	The Vanguard Group, Inc.	SELL	3.47	Ordinary	(61,915)	(61,915)
23-Aug-19	The Vanguard Group, Inc.	BUY	3.40	Ordinary	2,776	2,776
27-Aug-19	The Vanguard Group, Inc.	SELL	3.56	Ordinary	(11,270)	(11,270)
28-Aug-19	The Vanguard Group, Inc.	BUY	3.56	Ordinary	8,787	8,787
	The Vanguard Group, Inc.	BUY	3.60	Ordinary	38,324	38,324
<u>'</u>	The Vanguard Group, Inc.	BUY	3.62	Ordinary	27,515	27,515
<u> </u>	The Vanguard Group, Inc.	BUY	3.41	Ordinary	1,461	1,461
	The Vanguard Group, Inc.	SELL	3.44	Ordinary	(11,329)	(11,329)
	The Vanguard Group, Inc.	BUY	3.49	Ordinary	26,663	26,663
•	The Vanguard Group, Inc.	SELL	3.42	Ordinary	(1,029)	(1,029)
•	The Vanguard Group, Inc.	BUY		Ordinary	26,663	26,663
	The Vanguard Group, Inc.	BUY		Ordinary	20,510	20,510
	The Vanguard Group, Inc.	BUY		Ordinary	15,061	15,061
<u>'</u>	The Vanguard Group, Inc.	BUY		Ordinary	8,253	8,253
•	The Vanguard Group, Inc.	BUY		Ordinary	2,776	2,776
•	The Vanguard Group, Inc.	BUY	3.42	Ordinary	18,459	18,459
	The Vanguard Group, Inc.	BUY		Ordinary	20,510	20,510
	The Vanguard Group, Inc.	SELL	3.41	Ordinary	(2,705)	(2,705)
	The Vanguard Group, Inc.	BUY	3.41	Ordinary	41,973	41,973
	The Vanguard Group, Inc.	BUY	3.44	Ordinary	41,037	41,037
	The Vanguard Group, Inc.	BUY		Ordinary	19,280	19,280
	The Vanguard Group, Inc.	SELL		Ordinary	(2,201)	(2,201)
	The Vanguard Group, Inc.	BUY		Ordinary	3,728	3,728
	The Vanguard Group, Inc.	BUY	3.40	Ordinary	5,350	5,350
	The Vanguard Group, Inc.	BUY	3.40	Ordinary	9,263	9,263
	The Vanguard Group, Inc.	BUY		Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY		Ordinary	1,864	1,864
	The Vanguard Group, Inc.	BUY		Ordinary	1,817	1,817
	The Vanguard Group, Inc.	BUY		Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY		Ordinary Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY		Ordinary	19,280	19,280
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	57,840	57,840
			3.28	Ordinary	15,424	15,424
16-001-19	The Vanguard Group, Inc.	BUY	3.36	Orumary	1,817	1,817

Date of shares	December a relevant interest changed	Nature of	Consideration given in relation	Class	Number of	Person's votes
Date of change	Person whose relevant interest changed	Change(6)	to change(7)	Class	securities affected	affected
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	3.35	Ordinary	3,728 90,694	3,728 90,694
	The Vanguard Group, Inc.	BUY	3.42	Ordinary Ordinary	1,461	1,461
	The Vanguard Group, Inc.	BUY	3.43	Ordinary	3,728	3,728
	The Vanguard Group, Inc.	BUY	3.43	Ordinary	19,280	19,280
	The Vanguard Group, Inc.	BUY	3.41	Ordinary	33,675	33,675
	The Vanguard Group, Inc.	SELL	3.41	Ordinary	(77)	(77)
	The Vanguard Group, Inc.	BUY	3.41	Ordinary	1,461	1,461
	The Vanguard Group, Inc.	SELL	3.42	Ordinary	(33,012)	(33,012)
	The Vanguard Group, Inc.	BUY	3.42	Ordinary	4,164	4,164
	The Vanguard Group, Inc.	BUY	3.42	Ordinary	3,728	3,728
28-Oct-19	The Vanguard Group, Inc.	BUY	3.40	Ordinary	85,376	85,376
29-Oct-19	The Vanguard Group, Inc.	SELL	3.46	Ordinary	(38,492)	(38,492)
31-Oct-19	The Vanguard Group, Inc.	SELL	3.38	Ordinary	(38,890)	(38,890)
	The Vanguard Group, Inc.	BUY	3.39	Ordinary	1,055	1,055
5-Nov-19	The Vanguard Group, Inc.	BUY	3.40	Ordinary	38,560	38,560
5-Nov-19	The Vanguard Group, Inc.	SELL	3.39	Ordinary	(3,434)	(3,434)
	The Vanguard Group, Inc.	BUY	3.11	Ordinary	19,280	19,280
8-Nov-19	The Vanguard Group, Inc.	BUY	3.21	Ordinary	1,461	1,461
8-Nov-19	The Vanguard Group, Inc.	BUY	3.22	Ordinary	2,776	2,776
11-Nov-19	The Vanguard Group, Inc.	BUY	3.19	Ordinary	26,992	26,992
15-Nov-19	The Vanguard Group, Inc.	BUY	3.15	Ordinary	15,424	15,424
15-Nov-19	The Vanguard Group, Inc.	BUY	3.15	Ordinary	2,776	2,776
18-Nov-19	The Vanguard Group, Inc.	BUY	3.18	Ordinary	5,451	5,451
18-Nov-19	The Vanguard Group, Inc.	BUY	3.18	Ordinary	21,208	21,208
18-Nov-19	The Vanguard Group, Inc.	BUY	3.18	Ordinary	5,592	5,592
	The Vanguard Group, Inc.	BUY	3.20	Ordinary	1,461	1,461
21-Nov-19	The Vanguard Group, Inc.	BUY	3.11	Ordinary	974	974
21-Nov-19	The Vanguard Group, Inc.	BUY	3.12	Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY	3.12	Ordinary	3,634	3,634
	The Vanguard Group, Inc.	BUY	3.12	Ordinary	30,848	30,848
	The Vanguard Group, Inc.	BUY	3.15	Ordinary	1,817	1,817
	The Vanguard Group, Inc.	BUY		Ordinary	38,560	38,560
	The Vanguard Group, Inc.	BUY	3.21	Ordinary	41,678	41,678
	The Vanguard Group, Inc.	BUY	3.21	Ordinary	1,388	1,388
	The Vanguard Group, Inc.	BUY	3.23	Ordinary	1,817	1,817
	The Vanguard Group, Inc.	BUY	3.23	Ordinary	5,350	5,350
	The Vanguard Group, Inc.	BUY	3.23	Ordinary	1,864	1,864
	The Vanguard Group, Inc.	BUY		Ordinary	1,817	1,817
	The Vanguard Group, Inc.	BUY		Ordinary	1,461	1,461
	The Vanguard Group, Inc.	BUY		Ordinary	1,078	1,078
	The Vanguard Group, Inc.	BUY		Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY		Ordinary	51,912	51,912
	The Vanguard Group, Inc.	BUY		Ordinary	1,461	1,461
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary	2,922	2,922
	ŭ 1.	BUY	3.17	Ordinary	7,456	7,456
	The Vanguard Group, Inc.	BUY		Ordinary	697	697
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY		Ordinary Ordinary	3,634	3,634
		BUY	+		12,061	12,061
	The Vanguard Group, Inc. The Vanguard Group, Inc.	BUY	3.10 3.21	Ordinary Ordinary	15,424 49,006	15,424 49,006
	The Vanguard Group, Inc.	BUY		Ordinary	6,799	6,799
	The Vanguard Group, Inc.	BUY				
	The Vanguard Group, Inc.	BUY		Ordinary Ordinary	1,461 919	1,461 919
	The Vanguard Group, Inc.	BUY	3.25	Ordinary	23,136	23,136
	The Vanguard Group, Inc.	BUY		Ordinary	23,136	2,776
	The Vanguard Group, Inc.	BUY		Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY		Ordinary	28,920	·
	The Vanguard Group, Inc.	BUY		Ordinary	9,333	28,920 9,333
						3,728
13-Dec-19	The Vanguard Group, Inc.	BUY	3.28	Ordinary	3,728	3,72

Date of shapes	Person whose relevant interest changed	Nature of	Consideration given in relation	Class	Number of securities affected	Person's votes
Date of change	Person whose relevant interest changed The Vanguard Group, Inc.	Change(6) BUY	to change(7)	Class Ordinary	2,776	affected 2,776
	The Vanguard Group, Inc.	BUY		Ordinary	38,560	38,560
	The Vanguard Group, Inc.	BUY	3.36	Ordinary	21,208	21,208
	The Vanguard Group, Inc.	SELL	3.29	Ordinary	(32)	(32)
	The Vanguard Group, Inc.	BUY	3.24	Ordinary	51,912	51,912
	The Vanguard Group, Inc.	BUY	3.24	Ordinary	11,124	11,124
	The Vanguard Group, Inc.	BUY	3.24	Ordinary	5,439	5,439
	The Vanguard Group, Inc.	BUY	3.23	Ordinary	3,634	3,634
	The Vanguard Group, Inc.	BUY	3.23	Ordinary	22,248	22,248
	The Vanguard Group, Inc.	BUY	3.23	Ordinary	55,620	55,620
	The Vanguard Group, Inc.	BUY	3.23	Ordinary	11,040	11,040
	The Vanguard Group, Inc.	BUY	3.22	Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY	3.24	Ordinary	1,817	1,817
	The Vanguard Group, Inc.	BUY	3.24	Ordinary	6,183	6,183
	The Vanguard Group, Inc.	BUY	3.23	Ordinary	19,280	19,280
	The Vanguard Group, Inc.	BUY	3.16	Ordinary	1,461	1,461
	The Vanguard Group, Inc.	BUY	3.16	Ordinary	1,461	1,461
	The Vanguard Group, Inc.	BUY	3.16	Ordinary	79,683	79,683
	The Vanguard Group, Inc.	BUY		Ordinary	1,817	1,817
2-Jan-20	The Vanguard Group, Inc.	BUY	3.20	Ordinary	2,776	2,776
3-Jan-20	The Vanguard Group, Inc.	BUY	3.22	Ordinary	90,041	90,041
3-Jan-20	The Vanguard Group, Inc.	BUY	3.21	Ordinary	2,776	2,776
6-Jan-20	The Vanguard Group, Inc.	BUY	3.15	Ordinary	3,351	3,351
6-Jan-20	The Vanguard Group, Inc.	BUY	3.19	Ordinary	8,328	8,328
6-Jan-20	The Vanguard Group, Inc.	BUY	3.19	Ordinary	1,883	1,883
8-Jan-20	The Vanguard Group, Inc.	BUY	3.19	Ordinary	1,461	1,461
8-Jan-20	The Vanguard Group, Inc.	BUY	3.19	Ordinary	44,075	44,075
8-Jan-20	The Vanguard Group, Inc.	BUY	3.21	Ordinary	57,840	57,840
9-Jan-20	The Vanguard Group, Inc.	BUY	3.25	Ordinary	5,347	5,347
9-Jan-20	The Vanguard Group, Inc.	BUY	3.26	Ordinary	17,352	17,352
9-Jan-20	The Vanguard Group, Inc.	BUY	3.26	Ordinary	66,744	66,744
10-Jan-20	The Vanguard Group, Inc.	BUY	3.28	Ordinary	3,634	3,634
10-Jan-20	The Vanguard Group, Inc.	BUY	3.28	Ordinary	1,461	1,461
10-Jan-20	The Vanguard Group, Inc.	BUY	3.26	Ordinary	3,766	3,766
13-Jan-20	The Vanguard Group, Inc.	BUY	3.22	Ordinary	5,350	5,350
13-Jan-20	The Vanguard Group, Inc.	BUY	3.22	Ordinary	1,461	1,461
	The Vanguard Group, Inc.	BUY	3.25	Ordinary	3,766	3,766
15-Jan-20	The Vanguard Group, Inc.	BUY	3.28	Ordinary	1,461	1,461
15-Jan-20	The Vanguard Group, Inc.	BUY	3.28	Ordinary	29,664	29,664
	The Vanguard Group, Inc.	BUY	3.31	Ordinary	1,817	1,817
16-Jan-20	The Vanguard Group, Inc.	BUY	3.33	Ordinary	33,372	33,372
	The Vanguard Group, Inc.	BUY	3.29	Ordinary	5,137	5,137
17-Jan-20	The Vanguard Group, Inc.	BUY	3.30	Ordinary	33,372	33,372
	The Vanguard Group, Inc.	BUY		Ordinary	29,664	29,664
	The Vanguard Group, Inc.	BUY		Ordinary	1,388	1,388
	The Vanguard Group, Inc.	BUY		Ordinary	4,164	4,164
	The Vanguard Group, Inc.	BUY		Ordinary	46,665	46,665
	The Vanguard Group, Inc.	BUY		Ordinary	5,350	5,350
	The Vanguard Group, Inc.	BUY		Ordinary	22,248	22,248
	The Vanguard Group, Inc.	BUY		Ordinary	1,817	1,817
	The Vanguard Group, Inc.	BUY		Ordinary	3,634	3,634
	The Vanguard Group, Inc.	BUY		Ordinary	19,280	19,280
	The Vanguard Group, Inc.	BUY		Ordinary	18,540	18,540
	The Vanguard Group, Inc.	SELL		Ordinary	(91,983)	(91,983)
	The Vanguard Group, Inc.	BUY	3.17	Ordinary	5,649	5,649
	The Vanguard Group, Inc.	BUY		Ordinary	1,461	1,461
	The Vanguard Group, Inc.	BUY		Ordinary	3,634	3,634
	The Vanguard Group, Inc.	BUY		Ordinary	1,817	1,817
	The Vanguard Group, Inc.	BUY		Ordinary	1,817	1,817
30-Jan-20	The Vanguard Group, Inc.	BUY	3.13	Ordinary	1,883	1,883

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
Date of change	The Vanguard Group, Inc.	BUY	• , ,		6,137	6,137
	The Vanguard Group, Inc.	BUY	3.10	Ordinary	53,323	53,323
	The Vanguard Group, Inc.	BUY	3.10	Ordinary	22,248	22,248
	The Vanguard Group, Inc.	BUY	3.07	Ordinary	22,248	22,248
	The Vanguard Group, Inc.	BUY	3.07	Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY	3.05	Ordinary	16,050	16,050
	The Vanguard Group, Inc.	BUY	3.07	Ordinary	68,095	68,095
	The Vanguard Group, Inc.	BUY	3.05	Ordinary	67,480	67,480
	The Vanguard Group, Inc.	BUY	3.04	Ordinary	5,451	5,451
	The Vanguard Group, Inc.	BUY	3.04	Ordinary	6,217	6,217
4-Feb-20	The Vanguard Group, Inc.	BUY	3.04	Ordinary	1,461	1,461
4-Feb-20	The Vanguard Group, Inc.	BUY	3.06	Ordinary	34,704	34,704
	The Vanguard Group, Inc.	BUY	3.06	Ordinary	49,776	49,776
4-Feb-20	The Vanguard Group, Inc.	BUY	3.06	Ordinary	12,444	12,444
5-Feb-20	The Vanguard Group, Inc.	BUY	3.06	Ordinary	48,200	48,200
5-Feb-20	The Vanguard Group, Inc.	BUY	3.06	Ordinary	70,452	70,452
5-Feb-20	The Vanguard Group, Inc.	BUY	3.06	Ordinary	25,956	25,956
6-Feb-20	The Vanguard Group, Inc.	BUY	3.09	Ordinary	5,649	5,649
7-Feb-20	The Vanguard Group, Inc.	BUY	3.07	Ordinary	15,424	15,424
10-Feb-20	The Vanguard Group, Inc.	BUY	3.05	Ordinary	3,634	3,634
10-Feb-20	The Vanguard Group, Inc.	BUY	3.05	Ordinary	5,350	5,350
10-Feb-20	The Vanguard Group, Inc.	BUY	3.07	Ordinary	33,372	33,372
10-Feb-20	The Vanguard Group, Inc.	BUY	3.07	Ordinary	2,776	2,776
11-Feb-20	The Vanguard Group, Inc.	BUY	3.06	Ordinary	1,461	1,461
11-Feb-20	The Vanguard Group, Inc.	BUY	3.06	Ordinary	1,461	1,461
11-Feb-20	The Vanguard Group, Inc.	BUY	3.06	Ordinary	22,248	22,248
12-Feb-20	The Vanguard Group, Inc.	BUY	3.10	Ordinary	46,631	46,631
13-Feb-20	The Vanguard Group, Inc.	BUY	3.07	Ordinary	1,817	1,817
13-Feb-20	The Vanguard Group, Inc.	BUY	3.07	Ordinary	1,817	1,817
13-Feb-20	The Vanguard Group, Inc.	BUY	3.07	Ordinary	1,461	1,461
	The Vanguard Group, Inc.	BUY	3.07	Ordinary	48,204	48,204
	The Vanguard Group, Inc.	SELL	3.10	Ordinary	(2,235)	(2,235)
13-Feb-20	The Vanguard Group, Inc.	BUY	3.07	Ordinary	3,766	3,766
	The Vanguard Group, Inc.	SELL	3.06	Ordinary	(151,647)	(151,647)
	The Vanguard Group, Inc.	BUY	3.05	Ordinary	22,248	22,248
	The Vanguard Group, Inc.	BUY	3.05	Ordinary	4,164	4,164
	The Vanguard Group, Inc.	SELL	3.05	Ordinary	(23,911)	(23,911)
	The Vanguard Group, Inc.	BUY		Ordinary	7,900	7,900
	The Vanguard Group, Inc.	BUY		Ordinary	195,362	195,362
	The Vanguard Group, Inc.	BUY		Ordinary	18,540	18,540
	The Vanguard Group, Inc.	BUY		Ordinary	37,450	37,450
	The Vanguard Group, Inc.	BUY		Ordinary	6,790	6,790
	The Vanguard Group, Inc.	BUY	2.87	Ordinary	201,691	201,691
	The Vanguard Group, Inc.	BUY		Ordinary	29,664	29,664
	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(13,755)	, , ,
	The Vanguard Group, Inc.	BUY	2.87	Ordinary	2,776	2,776
	The Vanguard Group, Inc.	SELL		Ordinary	(57,447)	(57,447)
	The Vanguard Group, Inc.	SELL		Ordinary	(5,502)	(5,502)
	The Vanguard Group, Inc.	BUY		Ordinary	22,248	22,248
	The Vanguard Group, Inc.	BUY	2.83	Ordinary	1,883	1,883
	The Vanguard Group, Inc.	BUY		Ordinary	208,484	208,484
	The Vanguard Group, Inc.	BUY		Ordinary	3,766	3,766
	The Vanguard Group, Inc.	BUY		Ordinary	5,649	5,649
	The Vanguard Group, Inc.	BUY		Ordinary	1,592	1,592
	The Vanguard Group, Inc.	BUY		Ordinary	36,632	36,632
	The Vanguard Group, Inc.	BUY		Ordinary	209,596	209,596
	The Vanguard Group, Inc.	BUY		Ordinary	133,642	133,642
	The Vanguard Group, Inc.	BUY		Ordinary	209,048	209,048
	The Vanguard Group, Inc.	SELL	2.85	Ordinary	(29,664)	
3-iviar-20	The Vanguard Group, Inc.	BUY	2.70	Ordinary	1,817	1,817

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
	The Vanguard Group, Inc.	BUY	2.70	Ordinary	5,958	5,958
3-Mar-20	The Vanguard Group, Inc.	BUY	2.66	Ordinary	2,776	2,776
4-Mar-20	The Vanguard Group, Inc.	BUY	2.74	Ordinary	1,766	1,766
4-Mar-20	The Vanguard Group, Inc.	BUY	2.74	Ordinary	3,634	3,634
4-Mar-20	The Vanguard Group, Inc.	BUY	2.74	Ordinary	1,817	1,817
4-Mar-20	The Vanguard Group, Inc.	BUY	2.74	Ordinary	1,817	1,817
4-Mar-20	The Vanguard Group, Inc.	BUY	2.78	Ordinary	5,552	5,552
4-Mar-20	The Vanguard Group, Inc.	BUY	2.78	Ordinary	4,164	4,164
4-Mar-20	The Vanguard Group, Inc.	BUY	2.65	Ordinary	34,371	34,371
5-Mar-20	The Vanguard Group, Inc.	SELL	2.84	Ordinary	(342,095)	(342,095)
6-Mar-20	The Vanguard Group, Inc.	BUY	2.84	Ordinary	11,103	11,103
6-Mar-20	The Vanguard Group, Inc.	BUY	2.84	Ordinary	1,461	1,461
6-Mar-20	The Vanguard Group, Inc.	SELL	2.84	Ordinary	(243,110)	(243,110)
6-Mar-20	The Vanguard Group, Inc.	SELL	2.82	Ordinary	(22,248)	(22,248)
9-Mar-20	The Vanguard Group, Inc.	SELL	2.73	Ordinary	(60,336)	(60,336)
9-Mar-20	The Vanguard Group, Inc.	BUY	2.67	Ordinary	4,164	4,164
9-Mar-20	The Vanguard Group, Inc.	BUY	2.67	Ordinary	1,388	1,388
10-Mar-20	The Vanguard Group, Inc.	BUY	2.90	Ordinary	1,817	1,817
10-Mar-20	The Vanguard Group, Inc.	BUY	2.73	Ordinary	212,603	212,603
10-Mar-20	The Vanguard Group, Inc.	SELL	2.95	Ordinary	(18,540)	(18,540)
10-Mar-20	The Vanguard Group, Inc.	SELL	2.69	Ordinary	(5,311)	(5,311)
11-Mar-20	The Vanguard Group, Inc.	BUY	2.88	Ordinary	115,831	115,831
11-Mar-20	The Vanguard Group, Inc.	BUY	2.88	Ordinary	220,134	220,134
11-Mar-20	The Vanguard Group, Inc.	SELL	2.73	Ordinary	(11,124)	(11,124)
12-Mar-20	The Vanguard Group, Inc.	BUY	2.60	Ordinary	1,817	1,817
12-Mar-20	The Vanguard Group, Inc.	BUY	2.60	Ordinary	3,634	3,634
12-Mar-20	The Vanguard Group, Inc.	BUY	2.60	Ordinary	12,151	12,151
12-Mar-20	The Vanguard Group, Inc.	SELL	2.52	Ordinary	(40,788)	(40,788)
13-Mar-20	The Vanguard Group, Inc.	BUY	2.80	Ordinary	1,461	1,461
13-Mar-20	The Vanguard Group, Inc.	BUY	2.80	Ordinary	84,738	84,738
13-Mar-20	The Vanguard Group, Inc.	BUY	2.80	Ordinary	1,211	1,211
13-Mar-20	The Vanguard Group, Inc.	BUY	2.53	Ordinary	230,947	230,947
13-Mar-20	The Vanguard Group, Inc.	BUY	2.86	Ordinary	6,940	6,940
13-Mar-20	The Vanguard Group, Inc.	BUY	2.86	Ordinary	1,388	1,388
	The Vanguard Group, Inc.	BUY	2.67	Ordinary	2,282	2,282
16-Mar-20	The Vanguard Group, Inc.	BUY	2.67	Ordinary	762	762
16-Mar-20	The Vanguard Group, Inc.	BUY	2.66	Ordinary	3,634	3,634
16-Mar-20	The Vanguard Group, Inc.	BUY	2.67	Ordinary	1,817	1,817
16-Mar-20	The Vanguard Group, Inc.	BUY	2.67	Ordinary	5,366	5,366
16-Mar-20	The Vanguard Group, Inc.	SELL	2.60	Ordinary	(8,253)	(8,253)
16-Mar-20	The Vanguard Group, Inc.	BUY	2.66	Ordinary	234,519	234,519
16-Mar-20	The Vanguard Group, Inc.	SELL	2.60	Ordinary	(12,444)	(12,444)
16-Mar-20	The Vanguard Group, Inc.	BUY	2.60	Ordinary	3,766	3,766
	The Vanguard Group, Inc.	BUY	2.60	Ordinary	1,883	1,883
17-Mar-20	The Vanguard Group, Inc.	SELL		Ordinary	(2,634)	
	The Vanguard Group, Inc.	BUY		Ordinary	1,703	1,703
	The Vanguard Group, Inc.	BUY		Ordinary	77,433	77,433
	The Vanguard Group, Inc.	SELL	2.95	Ordinary	(11,004)	(11,004)
	The Vanguard Group, Inc.	BUY	2.95	Ordinary	19,280	19,280
	The Vanguard Group, Inc.	BUY		Ordinary	17,352	17,352
17-Mar-20	The Vanguard Group, Inc.	BUY	2.72	Ordinary	280,139	280,139
	The Vanguard Group, Inc.	SELL		Ordinary	(29,664)	
	The Vanguard Group, Inc.	SELL		Ordinary	(37,080)	
	The Vanguard Group, Inc.	BUY	2.95	Ordinary	5,649	5,649
	The Vanguard Group, Inc.	BUY		Ordinary	3,766	3,766
	The Vanguard Group, Inc.	BUY		Ordinary	3,634	3,634
18-Mar-20	The Vanguard Group, Inc.	BUY	2.72	Ordinary	1,817	1,817
18-Mar-20	The Vanguard Group, Inc.	BUY	2.82	Ordinary	271,831	271,831
18-Mar-20	The Vanguard Group, Inc.	BUY	2.81	Ordinary	5,552	5,552
19-Mar-20	The Vanguard Group, Inc.	BUY	2.73	Ordinary	36,632	36,632

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
Date of change	The Vanguard Group, Inc.	BUY	2.75	Ordinary	231,089	231,089
	The Vanguard Group, Inc.	BUY	2.73	Ordinary	2,776	2,776
	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(1,222)	(1,222)
	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(88,414)	(88,414)
	The Vanguard Group, Inc.	BUY	2.68	Ordinary	1,817	1,817
	The Vanguard Group, Inc.	SELL	2.64	Ordinary	(13,755)	(13,755)
	The Vanguard Group, Inc.	BUY	2.80	Ordinary	252,656	252,656
	The Vanguard Group, Inc.	SELL	2.71	Ordinary	(101,792)	(101,792)
	The Vanguard Group, Inc.	BUY	2.64	Ordinary	2,776	2,776
	The Vanguard Group, Inc.	BUY	2.64	Ordinary	5,649	5,649
	The Vanguard Group, Inc.	BUY	2.58	Ordinary	1,817	1,817
	The Vanguard Group, Inc.	BUY	2.58	Ordinary	5,369	5,369
	The Vanguard Group, Inc.	SELL	2.60	Ordinary	(11,004)	(11,004)
	The Vanguard Group, Inc.	BUY	2.63	Ordinary	21,626	21,626
	The Vanguard Group, Inc.	BUY	2.73	Ordinary	1,817	1,817
	The Vanguard Group, Inc.	SELL	2.63	Ordinary	(20,830)	(20,830)
	The Vanguard Group, Inc.	BUY	2.03	Ordinary	297,481	297,481
	The Vanguard Group, Inc.	SELL	2.71	-		·
		1		Ordinary	(12,444)	(12,444)
	The Vanguard Group, Inc.	SELL BUY	2.71	Ordinary	(8,253)	(8,253)
	The Vanguard Group, Inc.		2.66	Ordinary	3,790	3,790
	The Vanguard Group, Inc.	BUY	2.66	Ordinary	3,790	3,790
	The Vanguard Group, Inc.	BUY	2.66	Ordinary	1,029	1,029
	The Vanguard Group, Inc.	BUY	2.66	Ordinary	84,430	84,430
	The Vanguard Group, Inc.	BUY	2.82	Ordinary	5,304	5,304
	The Vanguard Group, Inc.	SELL	2.84	Ordinary	(13,181)	(13,181)
	The Vanguard Group, Inc.	BUY	2.66	Ordinary	1,895	1,895
	The Vanguard Group, Inc.	BUY	2.66	Ordinary	33,329	33,329
	The Vanguard Group, Inc.	SELL	2.66	Ordinary	(57,114)	(57,114)
	The Vanguard Group, Inc.	BUY	2.69	Ordinary	3,475	3,475
	The Vanguard Group, Inc.	BUY	2.77	Ordinary	10,606	10,606
	The Vanguard Group, Inc.	BUY	2.77	Ordinary	4,902	4,902
	The Vanguard Group, Inc.	SELL	2.74	Ordinary	(3,766)	(3,766)
•	The Vanguard Group, Inc.	SELL	2.74	Ordinary	(3,766)	(3,766)
	The Vanguard Group, Inc.	BUY	2.74	Ordinary	19,280	19,280
	The Vanguard Group, Inc.	BUY	2.74	Ordinary	4,164	4,164
	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(7,463)	(7,463)
•	The Vanguard Group, Inc.	BUY	2.68	Ordinary	1,895	1,895
	The Vanguard Group, Inc.	BUY		Ordinary	1,895	1,895
•	The Vanguard Group, Inc.	BUY		Ordinary	15,906	15,906
	The Vanguard Group, Inc.	SELL	2.67	Ordinary	(1,479)	
	The Vanguard Group, Inc.	BUY	2.67	Ordinary	25,064	25,064
	The Vanguard Group, Inc.	BUY	2.72	Ordinary	4,164	4,164
•	The Vanguard Group, Inc.	BUY		Ordinary	1,388	1,388
	The Vanguard Group, Inc.	BUY		Ordinary	4,164	4,164
	The Vanguard Group, Inc.	SELL		Ordinary	(29,464)	, , ,
•	The Vanguard Group, Inc.	BUY		Ordinary	1,478	1,478
	The Vanguard Group, Inc.	SELL		Ordinary	(13,880)	
	The Vanguard Group, Inc.	SELL		Ordinary	(31,230)	(31,230)
•	The Vanguard Group, Inc.	SELL		Ordinary	(27,760)	
	The Vanguard Group, Inc.	BUY	2.71	Ordinary	4,164	4,164
	The Vanguard Group, Inc.	BUY	2.71	Ordinary	5,298	5,298
	The Vanguard Group, Inc.	SELL	2.67	Ordinary	(228,004)	
·	The Vanguard Group, Inc.	BUY		Ordinary	13,496	13,496
	The Vanguard Group, Inc.	BUY		Ordinary	15,555	15,555
	The Vanguard Group, Inc.	SELL		Ordinary	(1,169)	(1,169)
20-Apr-20	The Vanguard Group, Inc.	BUY		Ordinary	26,992	26,992
20-Apr-20	The Vanguard Group, Inc.	BUY	2.59	Ordinary	15,424	15,424
22-Apr-20	The Vanguard Group, Inc.	BUY	2.55	Ordinary	44,977	44,977
28-Apr-20	The Vanguard Group, Inc.	BUY	2.70	Ordinary	19,280	19,280
	The Vanguard Group, Inc.	SELL	2.69	Ordinary	(31,230)	(31,230)

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Date of change	The Vanguard Group, Inc.	SELL	2.70	Ordinary	(32,124)	(32,124)
	The Vanguard Group, Inc.	SELL	2.65	Ordinary	(10,916)	(10,916)
·	The Vanguard Group, Inc.	SELL	2.65	Ordinary	(41,640)	(41,640)
	The Vanguard Group, Inc.	BUY	2.76	Ordinary	14,232	14,232
	The Vanguard Group, Inc.	BUY	2.75	Ordinary	4,195	4,195
	The Vanguard Group, Inc.	BUY	2.85	Ordinary	1,726	1,726
	The Vanguard Group, Inc.	SELL	2.75	Ordinary	(4,667)	(4,667)
	The Vanguard Group, Inc.	SELL	2.83	Ordinary	(19,103)	(19,103)
	The Vanguard Group, Inc.	SELL	2.80	Ordinary	(28,804)	(28,804)
	The Vanguard Group, Inc.	BUY	2.81	Ordinary	1,726	1,726
13-May-20	The Vanguard Group, Inc.	BUY	2.86	Ordinary	5,289	5,289
13-May-20	The Vanguard Group, Inc.	BUY	2.86	Ordinary	16,797	16,797
	The Vanguard Group, Inc.	BUY	2.86	Ordinary	5,286	5,286
20-May-20	The Vanguard Group, Inc.	SELL	2.80	Ordinary	(10,254)	(10,254)
21-May-20	The Vanguard Group, Inc.	BUY	2.82	Ordinary	5,297	5,297
22-May-20	The Vanguard Group, Inc.	BUY	2.79	Ordinary	14,888	14,888
22-May-20	The Vanguard Group, Inc.	SELL	2.81	Ordinary	(8,325)	(8,325)
22-May-20	The Vanguard Group, Inc.	BUY	2.80	Ordinary	4,164	4,164
27-May-20	The Vanguard Group, Inc.	BUY	2.74	Ordinary	3,166	3,166
27-May-20	The Vanguard Group, Inc.	BUY	2.74	Ordinary	2,776	2,776
28-May-20	The Vanguard Group, Inc.	BUY	2.82	Ordinary	32,748	32,748
29-May-20	The Vanguard Group, Inc.	BUY	2.85	Ordinary	37,371	37,371
29-May-20	The Vanguard Group, Inc.	SELL	2.85	Ordinary	(16,140)	(16,140)
1-Jun-20	The Vanguard Group, Inc.	BUY	2.85	Ordinary	13,645	13,645
2-Jun-20	The Vanguard Group, Inc.	BUY	2.83	Ordinary	42,915	42,915
2-Jun-20	The Vanguard Group, Inc.	BUY	2.85	Ordinary	40,935	40,935
2-Jun-20	The Vanguard Group, Inc.	BUY	2.82	Ordinary	52,861	52,861
3-Jun-20	The Vanguard Group, Inc.	BUY	2.89	Ordinary	1,726	1,726
3-Jun-20	The Vanguard Group, Inc.	BUY	2.90	Ordinary	4,164	4,164
4-Jun-20	The Vanguard Group, Inc.	BUY	2.88	Ordinary	13,645	13,645
4-Jun-20	The Vanguard Group, Inc.	SELL	2.89	Ordinary	(205,102)	(205,102)
5-Jun-20	The Vanguard Group, Inc.	BUY	2.90	Ordinary	9,981	9,981
5-Jun-20	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(199,673)	(199,673)
	The Vanguard Group, Inc.	BUY	2.89	Ordinary	2,776	2,776
9-Jun-20	The Vanguard Group, Inc.	BUY	2.90	Ordinary	1,536	1,536
	The Vanguard Group, Inc.	BUY	2.90	Ordinary	5,295	5,295
	The Vanguard Group, Inc.	SELL	2.93	Ordinary	(197,578)	(197,578)
	The Vanguard Group, Inc.	SELL		Ordinary	(34,700)	(34,700)
	The Vanguard Group, Inc.	BUY		Ordinary	2,776	2,776
	The Vanguard Group, Inc.	SELL		Ordinary	(16,140)	(16,140)
	The Vanguard Group, Inc.	SELL		Ordinary	(89,689)	(89,689)
	The Vanguard Group, Inc.	BUY		Ordinary	13,645	13,645
	The Vanguard Group, Inc.	SELL		Ordinary	(197,774)	(197,774)
	The Vanguard Group, Inc.	SELL		Ordinary	(13,880)	(13,880)
	The Vanguard Group, Inc.	SELL		Ordinary	(34,700)	, , ,
	The Vanguard Group, Inc.	SELL		Ordinary	(20,820)	(20,820)
	The Vanguard Group, Inc.	SELL		Ordinary	(77,707)	(77,707)
	The Vanguard Group, Inc.	SELL		Ordinary	(20,820)	(20,820)
	The Vanguard Group, Inc.	BUY		Ordinary	40,511	40,511
	The Vanguard Group, Inc.	BUY	3.07	Ordinary	231	231
	The Vanguard Group, Inc.	SELL	3.05	Ordinary	(116,134)	(116,134)
	The Vanguard Group, Inc.	BUY		Ordinary	2,776	2,776
	The Vanguard Group, Inc.	SELL		Ordinary	(20,159)	(20,159)
	The Vanguard Group, Inc.	SELL		Ordinary	(67,962)	(67,962)
	The Vanguard Group, Inc.	SELL		Ordinary	(18,830)	
	The Vanguard Group, Inc.	SELL		Ordinary	(20,904)	
	The Vanguard Group, Inc.	SELL		Ordinary	(7,006)	(7,006)
	The Vanguard Group, Inc.	SELL		Ordinary	(8,162)	(8,162)
	The Vanguard Group, Inc.	BUY	3.06	Ordinary	1,423	1,423
24-Jun-20	The Vanguard Group, Inc.	SELL	3.01	Ordinary	(14,520)	(14,520)

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
	The Vanguard Group, Inc.	SELL	3.01	Ordinary	(20,820)	(20,820)
	The Vanguard Group, Inc.	SELL	3.01	Ordinary	(24,710)	(24,710)
24-Jun-20	The Vanguard Group, Inc.	SELL	3.01	Ordinary	(7,413)	(7,413)
25-Jun-20	The Vanguard Group, Inc.	SELL	3.03	Ordinary	(188,421)	(188,421)
29-Jun-20	The Vanguard Group, Inc.	BUY	2.95	Ordinary	2,834	2,834
29-Jun-20	The Vanguard Group, Inc.	BUY	2.96	Ordinary	4,092	4,092
	The Vanguard Group, Inc.	BUY	2.99	Ordinary	64,332	64,332
30-Jun-20	The Vanguard Group, Inc.	SELL	3.00	Ordinary	(17,350)	(17,350)
	The Vanguard Group, Inc.	BUY	2.97	Ordinary	1,422	1,422
1-Jul-20	The Vanguard Group, Inc.	BUY	2.99	Ordinary	98,923	98,923
6-Jul-20	The Vanguard Group, Inc.	BUY	3.03	Ordinary	13,200	13,200
	The Vanguard Group, Inc.	BUY	3.03	Ordinary	8,184	8,184
	The Vanguard Group, Inc.	BUY	3.04	Ordinary	1,459	1,459
	The Vanguard Group, Inc.	BUY	3.02	Ordinary	20,003	20,003
	The Vanguard Group, Inc.	BUY	3.00	Ordinary	15,472	15,472
	The Vanguard Group, Inc.	BUY	2.94	Ordinary	3,668	3,668
	The Vanguard Group, Inc.	BUY	2.93	Ordinary	1,438	1,438
	The Vanguard Group, Inc.	SELL	2.96	Ordinary	(135,660)	(135,660)
	The Vanguard Group, Inc.	SELL	2.96	Ordinary	(30,926)	(30,926)
	The Vanguard Group, Inc.	SELL	2.97	Ordinary	(32,748)	(32,748)
	The Vanguard Group, Inc.	SELL	2.97	Ordinary	(10,916)	(10,916)
	The Vanguard Group, Inc.	SELL	2.97	Ordinary	(226,700)	(226,700)
	The Vanguard Group, Inc.	SELL	2.99	Ordinary	(3,880)	(3,880)
	The Vanguard Group, Inc.	SELL	2.94	Ordinary	(108,795)	(108,795)
	The Vanguard Group, Inc.	SELL	2.87	Ordinary	(191,941)	(191,941)
	The Vanguard Group, Inc.	BUY	2.88	Ordinary	47,917	47,917
	The Vanguard Group, Inc.	BUY	2.90	Ordinary	2,876	2,876
		BUY	2.90	Ordinary	1,015	·
	The Vanguard Group, Inc.					1,015
	The Vanguard Group, Inc.	BUY	2.91	Ordinary	2,728	2,728
	The Vanguard Group, Inc.	BUY	2.82	Ordinary	1,419 3,045	1,419
	The Vanguard Group, Inc.			Ordinary	· · · · · · · · · · · · · · · · · · ·	3,045
	The Vanguard Group, Inc.	BUY	2.86	Ordinary	97,266	97,266
	The Vanguard Group, Inc.	BUY	2.84	Ordinary	15,849	15,849
	The Vanguard Group, Inc.	BUY	2.89	Ordinary	1,394	1,394
	The Vanguard Group, Inc.	BUY	2.91	Ordinary	4,092	4,092
	The Vanguard Group, Inc.	BUY	2.83	Ordinary	6,642	6,642
	The Vanguard Group, Inc.	BUY	2.84	Ordinary	2,728	2,728
	The Vanguard Group, Inc.	BUY		Ordinary	39,835	39,835
	The Vanguard Group, Inc.	BUY		Ordinary	9,155	9,155
	The Vanguard Group, Inc.	BUY		Ordinary	1,449	1,449
	The Vanguard Group, Inc.	BUY		Ordinary	2,908	2,908
	The Vanguard Group, Inc.	SELL		Ordinary	(10,916)	(10,916)
	The Vanguard Group, Inc.	SELL		Ordinary	(12,355)	(12,355)
	The Vanguard Group, Inc.	BUY	2.87	Ordinary	26,400	26,400
	The Vanguard Group, Inc.	BUY	2.87	Ordinary	31,230	31,230
	The Vanguard Group, Inc.	BUY	2.87	Ordinary	41,640	41,640
	The Vanguard Group, Inc.	BUY	2.87	Ordinary	2,728	2,728
	The Vanguard Group, Inc.	BUY	2.85	Ordinary	110,269	110,269
	The Vanguard Group, Inc.	BUY		Ordinary	15,840	15,840
	The Vanguard Group, Inc.	SELL		Ordinary	(110,269)	(110,269)
	The Vanguard Group, Inc.	BUY		Ordinary	1,929	1,929
	The Vanguard Group, Inc.	BUY		Ordinary	9,240	9,240
	The Vanguard Group, Inc.	BUY	2.88	Ordinary	2,728	2,728
21-Aug-20	The Vanguard Group, Inc.	SELL	2.84	Ordinary	(7,164)	(7,164)
26-Aug-20	The Vanguard Group, Inc.	BUY	2.82	Ordinary	1,831	1,831
27-Aug-20	The Vanguard Group, Inc.	BUY	2.85	Ordinary	27,720	27,720
27-Aug-20	The Vanguard Group, Inc.	BUY		Ordinary	17,350	17,350
31-Aug-20	The Vanguard Group, Inc.	BUY	2.73	Ordinary	3,662	3,662
1-Sep-20	The Vanguard Group, Inc.	BUY	2.72	Ordinary	1,103,139	1,103,139
1 Can 20	The Vanguard Group, Inc.	SELL	2.72	Ordinary	(1,103,139)	

Data of change	Person whose relevant interest changed	Nature of	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes
Date of change	The Vanguard Group, Inc.	Change(6) BUY	2.66	Ordinary	41,368	41,368
	The Vanguard Group, Inc.	BUY	2.66	Ordinary	13.200	13,200
	The Vanguard Group, Inc.	BUY	2.66	Ordinary	4,092	4,092
	The Vanguard Group, Inc.	SELL	2.65	Ordinary	(3,962)	(3,962)
	The Vanguard Group, Inc.	BUY	2.68	Ordinary	110,330	110,330
•	The Vanguard Group, Inc.	BUY	2.64	Ordinary	8,186	8,186
_	The Vanguard Group, Inc.	BUY	2.61	Ordinary	13,200	13,200
	The Vanguard Group, Inc.	BUY	2.61	Ordinary	51,340	51,340
· · · · · · · · · · · · · · · · · · ·	The Vanguard Group, Inc.	BUY	2.55	Ordinary	13,200	13,200
•	The Vanguard Group, Inc.	SELL	2.54	Ordinary	(25,670)	(25,670)
8-Sep-20	The Vanguard Group, Inc.	BUY	2.54	Ordinary	1,015	1,015
8-Sep-20	The Vanguard Group, Inc.	BUY	2.54	Ordinary	10,736	10,736
	The Vanguard Group, Inc.	SELL	2.54	Ordinary	(27,214)	(27,214)
·	The Vanguard Group, Inc.	BUY	2.58	Ordinary	19,800	19,800
	The Vanguard Group, Inc.	SELL	2.55	Ordinary	(30,801)	(30,801)
15-Sep-20	The Vanguard Group, Inc.	SELL	2.49	Ordinary	(26,630)	(26,630)
16-Sep-20	The Vanguard Group, Inc.	BUY	2.55	Ordinary	2,728	2,728
16-Sep-20	The Vanguard Group, Inc.	BUY	2.55	Ordinary	3,662	3,662
17-Sep-20	The Vanguard Group, Inc.	BUY	2.53	Ordinary	1,015	1,015
17-Sep-20	The Vanguard Group, Inc.	SELL	2.53	Ordinary	(59,336)	(59,336)
18-Sep-20	The Vanguard Group, Inc.	SELL	2.48	Ordinary	(8,661)	(8,661)
18-Sep-20	The Vanguard Group, Inc.	BUY	2.47	Ordinary	1,831	1,831
22-Sep-20	The Vanguard Group, Inc.	BUY	2.51	Ordinary	3,662	3,662
24-Sep-20	The Vanguard Group, Inc.	SELL	2.59	Ordinary	(48,394)	(48,394)
25-Sep-20	The Vanguard Group, Inc.	BUY	2.57	Ordinary	4,092	4,092
29-Sep-20	The Vanguard Group, Inc.	BUY	2.55	Ordinary	1,124,123	1,124,123
29-Sep-20	The Vanguard Group, Inc.	SELL	2.55	Ordinary	(1,124,123)	(1,124,123)
29-Sep-20	The Vanguard Group, Inc.	SELL	2.55	Ordinary	(27,836)	(27,836)
30-Sep-20	The Vanguard Group, Inc.	BUY	2.51	Ordinary	1,325	1,325
2-Oct-20	The Vanguard Group, Inc.	BUY	2.57	Ordinary	909	909
2-Oct-20	The Vanguard Group, Inc.	BUY	2.58	Ordinary	20,820	20,820
5-Oct-20	The Vanguard Group, Inc.	BUY	2.63	Ordinary	10,434	10,434
5-Oct-20	The Vanguard Group, Inc.	BUY	2.64	Ordinary	2,728	2,728
6-Oct-20	The Vanguard Group, Inc.	BUY	2.56	Ordinary	4,092	4,092
	The Vanguard Group, Inc.	BUY	2.56	Ordinary	1,831	1,831
	The Vanguard Group, Inc.	BUY	2.62	Ordinary	39,600	39,600
	The Vanguard Group, Inc.	BUY	2.62	Ordinary	45,110	45,110
	The Vanguard Group, Inc.	BUY		Ordinary	17,350	17,350
	The Vanguard Group, Inc.	BUY		Ordinary	2,728	2,728
	The Vanguard Group, Inc.	BUY		Ordinary	4,092	4,092
	The Vanguard Group, Inc.	BUY		Ordinary	46,110	46,110
	The Vanguard Group, Inc.	SELL		Ordinary	(43,517)	
	The Vanguard Group, Inc.	SELL		Ordinary	(26,870)	(26,870)
	The Vanguard Group, Inc.	BUY		Ordinary	569	569
	The Vanguard Group, Inc.	SELL		Ordinary	(27,521)	(27,521)
	The Vanguard Group, Inc.	BUY		Ordinary	1,409	1,409
	The Vanguard Group, Inc.	SELL		Ordinary	(5,142)	(5,142)
	The Vanguard Group, Inc.	BUY		Ordinary	1,061	1,061
	The Vanguard Group, Inc.	SELL		Ordinary	(52,308)	(52,308)
	The Vanguard Group, Inc.	BUY	2.67	Ordinary	10,446	10,446
	The Vanguard Group, Inc.	SELL		Ordinary	(1,959)	
	The Vanguard Group, Inc.	BUY		Ordinary	3,662	3,662
	The Vanguard Group, Inc.	BUY		Ordinary	1,831	1,831
	The Vanguard Group, Inc.	BUY	2.67	Ordinary	1,364	1,364
	The Vanguard Group, Inc.	BUY		Ordinary	1,428	1,428
	The Vanguard Group, Inc.	BUY		Ordinary	2,728	2,728
	The Vanguard Group, Inc.	BUY		Ordinary	8,184	8,184
	The Vanguard Group, Inc.	BUY		Ordinary	5,493	5,493
	The Vanguard Group, Inc.	BUY	2.70	Ordinary	2,728	2,728
5-Nov-20	The Vanguard Group, Inc.	BUY	2.73	Ordinary	48,790	48,790

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
	The Vanguard Group, Inc.	SELL	2.81	Ordinary	(131,320)	(131,320)
	The Vanguard Group, Inc.	SELL	2.77	Ordinary	(377)	(377)
	The Vanguard Group, Inc.	BUY	2.85	Ordinary	1,404	1,404
	The Vanguard Group, Inc.	BUY	2.90	Ordinary	43,548	43,548
	The Vanguard Group, Inc.	BUY	2.91	Ordinary	3,662	3,662
	The Vanguard Group, Inc.	BUY	2.90	Ordinary	1,837	1,837
	The Vanguard Group, Inc.	BUY	2.90	Ordinary	42,767	42,767
	The Vanguard Group, Inc.	BUY	2.93	Ordinary	3,662	3,662
	The Vanguard Group, Inc.	BUY	2.92	Ordinary	460	460
	The Vanguard Group, Inc.	BUY	2.93	Ordinary	8,782	8,782
24-Nov-20	The Vanguard Group, Inc.	BUY	2.85	Ordinary	1,402	1,402
25-Nov-20	The Vanguard Group, Inc.	BUY	2.88	Ordinary	9,146	9,146
	The Vanguard Group, Inc.	BUY	2.91	Ordinary	10,466	10,466
27-Nov-20	The Vanguard Group, Inc.	SELL	2.89	Ordinary	(238,171)	(238,171)
30-Nov-20	The Vanguard Group, Inc.	BUY	2.85	Ordinary	1,413	1,413
1-Dec-20	The Vanguard Group, Inc.	BUY	2.86	Ordinary	11,923	11,923
2-Dec-20	The Vanguard Group, Inc.	BUY	2.89	Ordinary	21,960	21,960
2-Dec-20	The Vanguard Group, Inc.	BUY	2.89	Ordinary	21,610	21,610
3-Dec-20	The Vanguard Group, Inc.	BUY	2.91	Ordinary	19,437	19,437
3-Dec-20	The Vanguard Group, Inc.	BUY	2.84	Ordinary	24,710	24,710
4-Dec-20	The Vanguard Group, Inc.	BUY	2.84	Ordinary	1,435	1,435
7-Dec-20	The Vanguard Group, Inc.	BUY	2.84	Ordinary	5,235	5,235
7-Dec-20	The Vanguard Group, Inc.	BUY	2.84	Ordinary	3,906	3,906
7-Dec-20	The Vanguard Group, Inc.	BUY	2.84	Ordinary	5,859	5,859
8-Dec-20	The Vanguard Group, Inc.	BUY	2.88	Ordinary	24,561	24,561
9-Dec-20	The Vanguard Group, Inc.	BUY	2.85	Ordinary	8,187	8,187
11-Dec-20	The Vanguard Group, Inc.	SELL	2.83	Ordinary	(69,917)	(69,917)
11-Dec-20	The Vanguard Group, Inc.	BUY	2.83	Ordinary	5,859	5,859
15-Dec-20	The Vanguard Group, Inc.	BUY	2.90	Ordinary	19,103	19,103
16-Dec-20	The Vanguard Group, Inc.	BUY	2.82	Ordinary	5,229	5,229
	The Vanguard Group, Inc.	BUY	2.82	Ordinary	1,391	1,391
	The Vanguard Group, Inc.	BUY	2.93	Ordinary	5,203	5,203
18-Dec-20	The Vanguard Group, Inc.	SELL	2.93	Ordinary	(26,642)	(26,642)
	The Vanguard Group, Inc.	SELL	2.93	Ordinary	(145,369)	(145,369)
	The Vanguard Group, Inc.	BUY	2.93	Ordinary	9,884	9,884
	The Vanguard Group, Inc.	BUY	2.93	Ordinary	2,471	2,471
	Vanguard Investments Australia Ltd.	BUY	2.56	Ordinary	59,056	59,056
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(91,553)	(91,553)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	35,616	35,616
	Vanguard Investments Australia Ltd.	BUY		Ordinary	67,406	67,406
	Vanguard Investments Australia Ltd.	BUY		Ordinary	27,984	27,984
	Vanguard Investments Australia Ltd.	BUY		Ordinary	33,072	33,072
	Vanguard Investments Australia Ltd.	BUY		Ordinary	54,539	54,539
	Vanguard Investments Australia Ltd.	BUY		Ordinary	500,672	500,672
	Vanguard Investments Australia Ltd.	BUY		Ordinary	51,420	51,420
	Vanguard Investments Australia Ltd.	BUY		Ordinary	30,852	30,852
	Vanguard Investments Australia Ltd.	BUY		Ordinary	1,962,248	1,962,248
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(15,426)	(15,426)
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(23,610)	(23,610)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	123,088	123,088
	Vanguard Investments Australia Ltd.	BUY	2.49	Ordinary	27,477	27,477
	Vanguard Investments Australia Ltd.	BUY		Ordinary	97,201	97,201
	Vanguard Investments Australia Ltd.	BUY		Ordinary	92,838	92,838
	Vanguard Investments Australia Ltd.	BUY		Ordinary	139,820	139,820
	Vanguard Investments Australia Ltd.	BUY		Ordinary	285,610	285,610
	Vanguard Investments Australia Ltd.	BUY		Ordinary	15,666	15,666
	Vanguard Investments Australia Ltd.	BUY		Ordinary	35,479	35,479
	Vanguard Investments Australia Ltd.	BUY		Ordinary	17,534	17,534
	Vanguard Investments Australia Ltd.	BUY	2.54	Ordinary	26,570	26,570
11-Jan-19	Vanguard Investments Australia Ltd.	BUY	2.58	Ordinary	50,591	50,591

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
Date of change	Vanguard Investments Australia Ltd.	BUY	2.58	Ordinary	31,980	31,980
	Vanguard Investments Australia Ltd.	BUY	2.65	Ordinary	13,387	13.387
	Vanguard Investments Australia Ltd.	BUY	2.65	Ordinary	49,516	49,516
	Vanguard Investments Australia Ltd.	SELL	2.66	Ordinary	(29,920)	(29,920)
	Vanguard Investments Australia Ltd.	BUY	2.63	Ordinary	50,860	50,860
	Vanguard Investments Australia Ltd.	BUY	2.63	Ordinary	50,511	50,511
	Vanguard Investments Australia Ltd.	BUY	2.64	Ordinary	10.476	10,476
	Vanguard Investments Australia Ltd.	BUY	2.59	Ordinary	68,193	68,193
	Vanguard Investments Australia Ltd.	SELL	2.68	Ordinary	(183,330)	(183,330)
	Vanguard Investments Australia Ltd.	BUY	2.81	Ordinary	101,071	101,071
	Vanguard Investments Australia Ltd.	SELL	2.84	Ordinary	(21,855)	(21,855)
	Vanguard Investments Australia Ltd.	BUY	2.90	Ordinary	29,436	29,436
	Vanguard Investments Australia Ltd.	SELL	2.82	Ordinary	(69,699)	(69,699)
	Vanguard Investments Australia Ltd.	BUY	2.82	Ordinary	82,688	82,688
	Vanguard Investments Australia Ltd.	BUY	2.79	Ordinary	26,760	26,760
	Vanguard Investments Australia Ltd.	BUY	2.83	Ordinary	171,264	171,264
	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	2,623	2,623
	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	73,271	73,271
	Vanguard Investments Australia Ltd.	SELL	2.74	Ordinary	(19,094)	(19,094)
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	1,441	1,441
	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	40,269	40,269
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	2,316	2,316
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	64,676	64,676
	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	1,757	1,757
	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	49,090	49,090
19-Mar-19	Vanguard Investments Australia Ltd.	SELL	2.69	Ordinary	(25,217)	(25,217)
22-Mar-19	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	52,325	52,325
1-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	5,877	5,877
1-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	151,813	151,813
1-Apr-19	Vanguard Investments Australia Ltd.	SELL	2.76	Ordinary	(158,397)	(158,397)
1-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	72,983	72,983
2-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.77	Ordinary	20,781	20,781
2-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.77	Ordinary	77,847	77,847
2-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.75	Ordinary	18,487	18,487
8-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.66	Ordinary	21,128	21,128
9-Apr-19	Vanguard Investments Australia Ltd.	SELL	2.64	Ordinary	(8,537)	(8,537)
9-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.64	Ordinary	817,560	817,560
11-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.65	Ordinary	53,784	53,784
12-Apr-19	Vanguard Investments Australia Ltd.	SELL	2.69	Ordinary	(8,201)	(8,201)
16-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.71	Ordinary	147,487	147,487
30-Apr-19	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	31,020	31,020
1-May-19	Vanguard Investments Australia Ltd.	BUY	2.89	Ordinary	24,378	24,378
1-May-19	Vanguard Investments Australia Ltd.	BUY	2.88	Ordinary	49,995	49,995
	Vanguard Investments Australia Ltd.	BUY		Ordinary	83,473	83,473
1-May-19	Vanguard Investments Australia Ltd.	BUY	2.89	Ordinary	40,701	40,701
•	Vanguard Investments Australia Ltd.	SELL	2.89	Ordinary	(7,507)	(7,507)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	5,550	5,550
	Vanguard Investments Australia Ltd.	BUY		Ordinary	12,838	12,838
•	Vanguard Investments Australia Ltd.	BUY		Ordinary	23,769	23,769
	Vanguard Investments Australia Ltd.	SELL	2.84	Ordinary	(14,909)	(14,909)
	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	72,039	72,039
•	Vanguard Investments Australia Ltd.	BUY		Ordinary	26,410	26,410
	Vanguard Investments Australia Ltd.	BUY		Ordinary	26,410	26,410
	Vanguard Investments Australia Ltd.	BUY	3.27	Ordinary	45,625	45,625
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(54,947)	(54,947)
•	Vanguard Investments Australia Ltd.	BUY		Ordinary	26,030	26,030
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(52,041)	(52,041)
•	Vanguard Investments Australia Ltd.	SELL		Ordinary	(36,064)	(36,064)
· · · · · · · · · · · · · · · · · · ·	Vanguard Investments Australia Ltd.	BUY	3.33	Ordinary	152,824	152,824
3-Jun-19	Vanguard Investments Australia Ltd.	SELL	3.25	Ordinary	(55,338)	(55,338)

Date of shower	December of the second second second	Nature of	Consideration given in relation	Class	Number of securities affected	Person's votes
Date of change	Person whose relevant interest changed	Change(6) SELL	to change(7) 3.25	Ordinary		
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	3.23	Ordinary	(28,971) 26,030	(28,971) 26,030
	Vanguard Investments Australia Ltd.	BUY	3.31	Ordinary	31,236	31,236
	Vanguard Investments Australia Ltd.	BUY	3.32	Ordinary	118,223	118,223
	Vanguard Investments Australia Ltd.	BUY	3.39	Ordinary	85,513	85,513
	Vanguard Investments Australia Ltd.	BUY	3.40	Ordinary	21,216	21,216
	Vanguard Investments Australia Ltd.	SELL	3.47	Ordinary	(38,097)	(38,097)
	Vanguard Investments Australia Ltd.	BUY	3.56	Ordinary	35,444	35,444
	Vanguard Investments Australia Ltd.	SELL	3.56	Ordinary	(10,600)	(10,600)
	Vanguard Investments Australia Ltd.	BUY	3.56	Ordinary	51,152	51,152
	Vanguard Investments Australia Ltd.	BUY	3.56	Ordinary	148,965	148,965
	Vanguard Investments Australia Ltd.	BUY	3.56	Ordinary	15,912	15,912
	Vanguard Investments Australia Ltd.	SELL	3.44	Ordinary	(30,899)	(30,899
	Vanguard Investments Australia Ltd.	SELL	3.49	Ordinary	(19,826)	(19,826)
	Vanguard Investments Australia Ltd.	BUY	3.49	Ordinary	18,564	18,564
	Vanguard Investments Australia Ltd.	BUY	3.49	Ordinary	31,296	31,296
	Vanguard Investments Australia Ltd.	BUY	3.52	Ordinary	4,261	4,261
	Vanguard Investments Australia Ltd.	BUY	3.60	Ordinary	15,648	15,648
	Vanguard Investments Australia Ltd.	BUY	3.64	Ordinary	15,648	15,648
	Vanguard Investments Australia Ltd.	BUY	3.64	Ordinary	61,678	61,678
	Vanguard Investments Australia Ltd.	BUY	3.58	Ordinary	11,283	11,283
	Vanguard Investments Australia Ltd.	BUY	3.61	Ordinary	15,702	15,702
	Vanguard Investments Australia Ltd.	BUY	3.60	Ordinary	48,104	48,104
	Vanguard Investments Australia Ltd.	BUY	3.59	Ordinary	27,856	27,856
		BUY	3.59			
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	3.58	Ordinary Ordinary	27,855 31,416	27,855 31,416
	Vanguard Investments Australia Ltd.	BUY	3.58	Ordinary	44,409	44,409
	Vanguard Investments Australia Ltd.	SELL	3.59	Ordinary	(11,724)	(11,724
	Vanguard Investments Australia Ltd.	SELL	3.60	Ordinary	(1,701,979)	(1,701,979)
	Vanguard Investments Australia Ltd.	SELL	3.62	Ordinary	(15,168)	(15,168)
	Vanguard Investments Australia Ltd.	BUY	3.63	Ordinary	28,919	28,919
	Vanguard Investments Australia Ltd.	SELL	3.57	Ordinary	(16,508)	(16,508)
	Vanguard Investments Australia Ltd.	SELL	3.56	Ordinary	(41,196)	(41,196
•	Vanguard Investments Australia Ltd.	BUY	3.43	Ordinary	62,150	62,150
	Vanguard Investments Australia Ltd.	BUY	3.43	Ordinary	23,688	23,688
	Vanguard Investments Australia Ltd.	BUY	3.43	Ordinary	23,688	23,688
	Vanguard Investments Australia Ltd.	BUY	3.43	Ordinary	45,425	45,425
	Vanguard Investments Australia Ltd.	BUY		Ordinary	28,941	28,941
	Vanguard Investments Australia Ltd.	BUY		Ordinary	28,842	28,842
	Vanguard Investments Australia Ltd.	BUY		Ordinary	69,424	69,424
	Vanguard Investments Australia Ltd.	BUY	3.39	Ordinary	61,615	61,615
	Vanguard Investments Australia Ltd.	BUY		Ordinary	49,690	49,690
<u> </u>	Vanguard Investments Australia Ltd.	BUY		Ordinary	47,656	47,656
	Vanguard Investments Australia Ltd.	BUY		Ordinary		1,104,626
	Vanguard Investments Australia Ltd.	BUY		Ordinary	1,104,626 49,339	49,339
•	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	49,339	42,212
•	Vanguard Investments Australia Ltd.	BUY		Ordinary	76,678	76,678
	Vanguard Investments Australia Ltd.	BUY		Ordinary	59,004	59,004
.	Vanguard Investments Australia Ltd.	BUY		Ordinary	273,619	273,619
•	Vanguard Investments Australia Ltd.	BUY	3.40	Ordinary	39,332	39,332
•	Vanguard Investments Australia Ltd.	BUY	3.44	Ordinary	58,351	58,351
•	Vanguard Investments Australia Ltd.	SELL	3.41	Ordinary	(20,936)	(20,936
	Vanguard Investments Australia Ltd.	BUY	3.41	Ordinary	30,175	30,175
	Vanguard Investments Australia Ltd.	BUY	3.41	Ordinary	14,294	14,294
· · · · · · · · · · · · · · · · · · ·	Vanguard Investments Australia Ltd.	SELL	3.41	Ordinary	(13,022)	(13,022
•		BUY	3.41	1		
•	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	3.40	Ordinary Ordinary	31,034 51,566	31,034 51,566
•	<u> </u>	SELL		· ·		·
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	3.43	Ordinary	(21,129) 29,674	(21,129
.			3.43	Ordinary	·	29,674
20-Sep-19	Vanguard Investments Australia Ltd.	BUY	3.43	Ordinary	27,270	27,270

Date of shapes	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes
Date of change	Vanguard Investments Australia Ltd.	BUY	3.48	Ordinary	40,605	40,605
	Vanguard Investments Australia Ltd.	BUY	3.44	Ordinary	38,220	38.220
	Vanguard Investments Australia Ltd.	BUY	3.45	Ordinary	32,772	32,772
	Vanguard Investments Australia Ltd.	BUY	3.37	Ordinary	68,975	68,975
	Vanguard Investments Australia Ltd.	BUY	3.37	Ordinary	24,165	24,165
	Vanguard Investments Australia Ltd.	SELL	3.37	Ordinary	(65,160)	(65,160)
	Vanguard Investments Australia Ltd.	BUY	3.37	Ordinary	51,585	51,585
	Vanguard Investments Australia Ltd.	BUY	3.30	Ordinary	52,311	52,311
	Vanguard Investments Australia Ltd.	BUY	3.25	Ordinary	35,926	35,926
	Vanguard Investments Australia Ltd.	BUY	3.25	Ordinary	46,359	46,359
	Vanguard Investments Australia Ltd.	BUY	3.30	Ordinary	177,197	177,197
	Vanguard Investments Australia Ltd.	BUY	3.26	Ordinary	21,936	21,936
	Vanguard Investments Australia Ltd.	BUY	3.26	Ordinary	365,860	365,860
	Vanguard Investments Australia Ltd.	BUY	3.36	Ordinary	433,561	433,561
	Vanguard Investments Australia Ltd.	BUY	3.37	Ordinary	27,270	27,270
	Vanguard Investments Australia Ltd.	BUY	3.39	Ordinary	29,674	29,674
	Vanguard Investments Australia Ltd.	BUY	3.42	Ordinary	59,812	59,812
	Vanguard Investments Australia Ltd.	BUY	3.42	Ordinary	27,220	27,220
	Vanguard Investments Australia Ltd.	BUY	3.42	Ordinary	31,247	31,247
	Vanguard Investments Australia Ltd.	BUY	3.40	Ordinary	27,190	27,190
	Vanguard Investments Australia Ltd.	BUY	3.37	Ordinary	87.679	87,679
	Vanguard Investments Australia Ltd.	BUY	3.38	Ordinary	25,120	25,120
	Vanguard Investments Australia Ltd.	SELL	3.38	Ordinary	(32,688)	(32,688)
	Vanguard Investments Australia Ltd.	BUY	3.38	Ordinary	65,376	65,376
	Vanguard Investments Australia Ltd.	SELL	3.37	Ordinary	(52,066)	(52,066)
	Vanguard Investments Australia Ltd.	SELL	3.37	Ordinary	(338,309)	(338,309)
	Vanguard Investments Australia Ltd.	SELL	3.36	Ordinary	(447,355)	(447,355)
	Vanguard Investments Australia Ltd.	BUY	3.37	Ordinary	74,833	74,833
	Vanguard Investments Australia Ltd.	SELL	3.40	Ordinary	(110,656)	(110,656)
	Vanguard Investments Australia Ltd.	BUY	3.40	Ordinary	32,628	32,628
	Vanguard Investments Australia Ltd.	BUY	3.40	Ordinary	24,770	24,770
	Vanguard Investments Australia Ltd.	SELL	3.19	Ordinary	(25,079)	(25,079)
	Vanguard Investments Australia Ltd.	BUY	3.19	Ordinary	68,318	68,318
	Vanguard Investments Australia Ltd.	SELL	3.19	Ordinary	(10,457)	(10,457)
	Vanguard Investments Australia Ltd.	BUY	3.16	Ordinary	29,711	29,711
	Vanguard Investments Australia Ltd.	BUY	3.14	Ordinary	8,130	8,130
	Vanguard Investments Australia Ltd.	BUY	3.14	Ordinary	74,841	74,841
	Vanguard Investments Australia Ltd.	BUY		Ordinary	35,867	35,867
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(206,906)	(206,906)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	19,327	19,327
	Vanguard Investments Australia Ltd.	BUY	3.11	Ordinary	57,960	57,960
	Vanguard Investments Australia Ltd.	BUY		Ordinary	30,125	30,125
	Vanguard Investments Australia Ltd.	BUY		Ordinary	52,539	52,539
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(39,786)	(39,786)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	97,561	97,561
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL	3.23	Ordinary	(5,491)	(5,491)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	32,568	32,568
	Vanguard Investments Australia Ltd.	BUY		Ordinary	134,840	134,840
	Vanguard Investments Australia Ltd.	BUY		Ordinary	59,092	59,092
	Vanguard Investments Australia Ltd.	BUY		Ordinary	41,860	41,860
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(824,525)	(824,525)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	824,525	824,525
	Vanguard Investments Australia Ltd.	BUY		Ordinary	31,992	31,992
	Vanguard Investments Australia Ltd.	BUY		Ordinary	50,448	50,448
	Vanguard Investments Australia Ltd.	BUY		Ordinary	70,259	70,259
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	•	·
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	26,260 36,498	26,260 36,498
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	71,104	71,104
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	71,104	71,104
	3	BUY	3.24	-	· · · · · · · · · · · · · · · · · · ·	·
30-Dec-19	Vanguard Investments Australia Ltd.	וטטו	3.24	Ordinary	20,672	20,672

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
	Vanguard Investments Australia Ltd.	BUY		Ordinary	12,935	12,935
	Vanguard Investments Australia Ltd.	BUY		Ordinary	30,804	30,804
	Vanguard Investments Australia Ltd.	SELL	3.21	Ordinary	(185,993)	(185,993)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	27,053	27,053
	Vanguard Investments Australia Ltd.	BUY		Ordinary	107,418	107,418
	Vanguard Investments Australia Ltd.	BUY	3.22	Ordinary	15,342	15,342
	Vanguard Investments Australia Ltd.	BUY	3.19	Ordinary	38,385	38,385
	Vanguard Investments Australia Ltd.	SELL	3.25	Ordinary	(20,472)	(20,472)
	Vanguard Investments Australia Ltd.	BUY	3.22	Ordinary	38,310	38,310
	Vanguard Investments Australia Ltd.	SELL	3.28	Ordinary	(41,265)	(41,265)
	Vanguard Investments Australia Ltd.	BUY	3.27	Ordinary	42,070	42,070
	Vanguard Investments Australia Ltd.	SELL	3.17	Ordinary	(53,116)	(53,116
	Vanguard Investments Australia Ltd.	BUY	3.17	Ordinary	38,250	38,250
	Vanguard Investments Australia Ltd.	BUY	3.12	Ordinary	38,550	38,550
	Vanguard Investments Australia Ltd.	BUY	3.12	Ordinary	27,083	27,083
	Vanguard Investments Australia Ltd.	SELL	3.05	Ordinary	(29,030)	(29,030
	Vanguard Investments Australia Ltd.	SELL	3.05	Ordinary	(30,767)	(30,767
	Vanguard Investments Australia Ltd.	BUY	3.07	Ordinary	25,790	25,790
	Vanguard Investments Australia Ltd.	BUY	3.05	Ordinary	45,073	45,073
	Vanguard Investments Australia Ltd.	BUY		Ordinary	90,071	90,071
	Vanguard Investments Australia Ltd.	BUY	3.06	Ordinary	51,800	51,800
	Vanguard Investments Australia Ltd.	SELL	3.05	Ordinary	(40,902)	(40,902
	Vanguard Investments Australia Ltd.	SELL	2.83	Ordinary	(13,560)	(13,560
	Vanguard Investments Australia Ltd.	BUY	2.92	Ordinary	41,616	41,616
	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	195,282	195,282
	Vanguard Investments Australia Ltd.	SELL	2.83	Ordinary	(43,083)	(43,083
	Vanguard Investments Australia Ltd.	BUY	2.83	Ordinary	38,955	38,955
	Vanguard Investments Australia Ltd.	SELL	2.79	Ordinary	(35,352)	(35,352
	Vanguard Investments Australia Ltd.	BUY	2.79	Ordinary	70,308	70,308
	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	44,319	44,319
	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	35,033	35,033
	Vanguard Investments Australia Ltd.	BUY	2.73	Ordinary	108,833	108,833
	Vanguard Investments Australia Ltd.	BUY	2.73	Ordinary	90,545	90,545
	Vanguard Investments Australia Ltd.	BUY	2.73	Ordinary	135,834	135,834
	Vanguard Investments Australia Ltd.	BUY	2.90	Ordinary	10,133	10,133
	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	51,660	51,660
	Vanguard Investments Australia Ltd.	BUY		Ordinary	64,575	64,575
	Vanguard Investments Australia Ltd.	BUY		Ordinary	275,345	275,345
	Vanguard Investments Australia Ltd.	BUY		Ordinary	·	·
	Vanguard Investments Australia Ltd.	BUY		Ordinary	77,580 43,962	77,580 43,962
	0			· · · · · ·	·	·
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL BUY		Ordinary	(44,051)	(44,051
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary Ordinary	74,752 167,033	74,752 167,033
		BUY		Ordinary		
	Vanguard Investments Australia Ltd.			· · · · · ·	78,060	78,060
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	91,070	91,070
	- U	SELL BUY		Ordinary	(47,556)	(47,556
	Vanguard Investments Australia Ltd.			Ordinary	12,707	12,707
	Vanguard Investments Australia Ltd.	BUY SELL		Ordinary	64,875	64,875
	Vanguard Investments Australia Ltd.			Ordinary	(39,350)	(39,350
	Vanguard Investments Australia Ltd.	BUY	2.72	· · · · · ·	110,979	110,979
	Vanguard Investments Australia Ltd.	BUY		Ordinary	77,760	77,760
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(12,306)	(12,306
	Vanguard Investments Australia Ltd.	BUY		Ordinary	59,501	59,501
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(18,519)	(18,519
	Vanguard Investments Australia Ltd.	BUY		Ordinary	80,135	80,135
	Vanguard Investments Australia Ltd.	BUY		Ordinary	36,176	36,176
	Vanguard Investments Australia Ltd.	BUY		Ordinary	1,864	1,864
	Vanguard Investments Australia Ltd.	BUY		Ordinary	38,580	38,580
	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	18,084	18,084
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	68,696	68,696

		Nature of	Consideration given in relation		Number of	Person's votes
Date of change	Person whose relevant interest changed	Change(6)	to change(7)	Class	securities affected	affected
	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	1	1
	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	7,557	7,557
	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	99,487	99,487
	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	1	1
	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	60,901	60,901
	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	1	1
	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	97,341	97,341
	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	63,205	63,205
	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	1	1
	Vanguard Investments Australia Ltd.	SELL	2.66	Ordinary	(69,282)	(69,282)
	Vanguard Investments Australia Ltd.	BUY	2.66	Ordinary	64,150	64,150
	Vanguard Investments Australia Ltd.	BUY	2.82	Ordinary	382,300	382,300
	Vanguard Investments Australia Ltd.	SELL	2.66	Ordinary	(261,761)	(261,761)
	Vanguard Investments Australia Ltd.	BUY	2.66	Ordinary	51,320	51,320
	Vanguard Investments Australia Ltd.	BUY	2.77	Ordinary	32,708	32,708
<u> </u>	Vanguard Investments Australia Ltd.	BUY	2.71	Ordinary	37,785	37,785
· ·	Vanguard Investments Australia Ltd.	BUY	2.66	Ordinary	20,696	20,696
•	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	11,983	11,983
	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	87,920	87,920
	Vanguard Investments Australia Ltd.	BUY	2.68	Ordinary	50,107	50,107
	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	36,097	36,097
	Vanguard Investments Australia Ltd.	SELL	2.69	Ordinary	(170,239)	(170,239)
9-Apr-20	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	84,932	84,932
14-Apr-20	Vanguard Investments Australia Ltd.	SELL	2.74	Ordinary	(137,859)	(137,859)
	Vanguard Investments Australia Ltd.	BUY	2.71	Ordinary	49,780	49,780
	Vanguard Investments Australia Ltd.	BUY	2.62	Ordinary	10,409	10,409
	Vanguard Investments Australia Ltd.	BUY	2.56	Ordinary	42,211	42,211
	Vanguard Investments Australia Ltd.	BUY	2.56	Ordinary	49,660	49,660
•	Vanguard Investments Australia Ltd.	SELL	2.58	Ordinary	(299,174)	(299,174)
	Vanguard Investments Australia Ltd.	SELL	2.62	Ordinary	(318,058)	(318,058)
· ·	Vanguard Investments Australia Ltd.	BUY	2.62	Ordinary	37,275	37,275
	Vanguard Investments Australia Ltd.	SELL	2.69	Ordinary	(24,640)	(24,640)
	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	44,532	44,532
	Vanguard Investments Australia Ltd.	SELL	2.70	Ordinary	(69,217)	(69,217)
1-May-20	Vanguard Investments Australia Ltd.	SELL	2.65	Ordinary	(25,086)	(25,086)
	Vanguard Investments Australia Ltd.	BUY	2.65	Ordinary	49,320	49,320
	Vanguard Investments Australia Ltd.	BUY	2.65	Ordinary	36,990	36,990
4-May-20	Vanguard Investments Australia Ltd.	BUY	2.65	Ordinary	68,964	68,964
5-May-20	Vanguard Investments Australia Ltd.	SELL		Ordinary	(7,882)	(7,882)
	Vanguard Investments Australia Ltd.	SELL	2.66	Ordinary	(8,637)	(8,637)
5-May-20	Vanguard Investments Australia Ltd.	SELL	2.66	Ordinary	(49,269)	(49,269)
	Vanguard Investments Australia Ltd.	BUY	2.83	Ordinary	2,425	2,425
	Vanguard Investments Australia Ltd.	BUY		Ordinary	33,894	33,894
•	Vanguard Investments Australia Ltd.	BUY		Ordinary	36,315	36,315
•	Vanguard Investments Australia Ltd.	BUY	2.87	Ordinary	48,160	48,160
· · · · · · · · · · · · · · · · · · ·	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	38,416	38,416
	Vanguard Investments Australia Ltd.	BUY		Ordinary	28,764	28,764
	Vanguard Investments Australia Ltd.	BUY		Ordinary	23,970	23,970
•	Vanguard Investments Australia Ltd.	SELL	2.84	Ordinary	(38,040)	(38,040)
	Vanguard Investments Australia Ltd.	BUY	2.84	Ordinary	311,110	311,110
	Vanguard Investments Australia Ltd.	BUY	2.84	Ordinary	35,955	35,955
•	Vanguard Investments Australia Ltd.	BUY	2.74	Ordinary	302,953	302,953
	Vanguard Investments Australia Ltd.	SELL	2.82	Ordinary	(2,858)	(2,858
28-May-20	Vanguard Investments Australia Ltd.	SELL	2.82	Ordinary	(30,311)	(30,311
29-May-20	Vanguard Investments Australia Ltd.	BUY	2.85	Ordinary	35,865	35,865
2-Jun-20	Vanguard Investments Australia Ltd.	SELL	2.83	Ordinary	(42,643)	(42,643
4-Jun-20	Vanguard Investments Australia Ltd.	SELL	2.90	Ordinary	(105,144)	(105,144
5-Jun-20	Vanguard Investments Australia Ltd.	SELL	2.90	Ordinary	(62,071)	(62,071
5-Jun-20	Vanguard Investments Australia Ltd.	BUY	2.90	Ordinary	35,985	35,985
5-Jun-20	Vanguard Investments Australia Ltd.	BUY	2.90	Ordinary	28,788	28,788

Data of above	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes
Date of change	Vanguard Investments Australia Ltd.	SELL	2.98	Ordinary	(31,410)	(31,410)
	Vanguard Investments Australia Ltd.	SELL	2.98	Ordinary	(65,517)	(65,517)
	Vanguard Investments Australia Ltd.	SELL	3.01	Ordinary	(4,414)	(4,414)
	Vanguard Investments Australia Ltd.	BUY	3.01	Ordinary	36,015	36,015
	Vanguard Investments Australia Ltd.	BUY	2.81	Ordinary	47,920	47,920
	Vanguard Investments Australia Ltd.	BUY	2.95	Ordinary	12,105	12,105
	Vanguard Investments Australia Ltd.	BUY	2.97	Ordinary	23,940	23,940
	Vanguard Investments Australia Ltd.	BUY	2.99	Ordinary	334,222	334,222
	Vanguard Investments Australia Ltd.	BUY	3.01	Ordinary	35,880	35,880
	Vanguard Investments Australia Ltd.	BUY	3.01	Ordinary	300,800	300,800
	Vanguard Investments Australia Ltd.	SELL	3.05	Ordinary	(35,384)	(35,384)
	Vanguard Investments Australia Ltd.	BUY	3.07	Ordinary	260,312	260,312
	Vanguard Investments Australia Ltd.	BUY	3.05	Ordinary	1,945,402	1,945,402
	Vanguard Investments Australia Ltd.	BUY	3.07	Ordinary	4,790	4,790
	Vanguard Investments Australia Ltd.	BUY	3.06	Ordinary	443,649	443,649
	Vanguard Investments Australia Ltd.	SELL	3.05	Ordinary	(35,713)	(35,713)
	Vanguard Investments Australia Ltd.	BUY	3.12	Ordinary	45,952	45,952
	Vanguard Investments Australia Ltd.	SELL	3.05	Ordinary	(39,899)	(39,899)
	Vanguard Investments Australia Ltd.	SELL	3.01	Ordinary	(39,216)	(39,216)
	Vanguard Investments Australia Ltd.	BUY	3.01	Ordinary	12,416	12,416
	Vanguard Investments Australia Ltd.	BUY	3.01	Ordinary	53,981	53,981
	Vanguard Investments Australia Ltd.	SELL	3.01	Ordinary	(10,963)	(10,963)
	Vanguard Investments Australia Ltd.	SELL	3.01	Ordinary	(33,224)	
	Vanguard Investments Australia Ltd.	SELL	3.04	Ordinary	(18,874)	(18,874)
	1	SELL	3.04	Ordinary	· · · · · · ·	, , ,
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	SELL	2.97	Ordinary	(59,603) (1,825,220)	(59,603) (1,825,220)
	Vanguard Investments Australia Ltd.	SELL	2.94	Ordinary	(7,735)	
	Vanguard Investments Australia Ltd.	SELL	2.94	Ordinary	(21,078)	(7,735) (21,078)
	•	SELL	2.94	Ordinary	(110,477)	
	Vanguard Investments Australia Ltd.	BUY				(110,477)
	Vanguard Investments Australia Ltd.	BUY	2.88	Ordinary Ordinary	34,247 30,329	34,247 30,329
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	· · · · · · · · · · · · · · · · · · ·	•
	Vanguard Investments Australia Ltd.	BUY	2.84	Ordinary	113,475 35,010	113,475 35,010
	Vanguard Investments Australia Ltd.	BUY	2.83	Ordinary	46,600	46,600
	Vanguard Investments Australia Ltd.	SELL	2.86	Ordinary	(5,462)	(5,462)
	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	38,243	38,243
	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	35,295	35,295
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(66,527)	(66,527)
		BUY			· · · · · · ·	
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary Ordinary	1,390,243	1,390,243
	0			Ordinary	6,236	6,236
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY	+		36,720 4,395	36,720
	Vanguard Investments Australia Ltd.	BUY		Ordinary Ordinary	6,087	4,395 6,087
		BUY		Ordinary	•	•
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	29,822	29,822 12,620
	Vanguard Investments Australia Ltd.	BUY		Ordinary	12,620	·
'	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	41,130	41,130
		BUY		Ordinary	4,859	4,859
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY		Ordinary	6,248	6,248
	Vanguard Investments Australia Ltd. Vanguard Investments Australia Ltd.	BUY			11,615	11,615
	3			Ordinary	6,248	6,248
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(49,741)	(49,741)
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(17,176)	
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(189,656)	(189,656)
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(78,443)	(78,443)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	11,585	11,585
	Vanguard Investments Australia Ltd.	BUY		Ordinary	18,536	18,536
	Vanguard Investments Australia Ltd.	BUY		Ordinary	6,735	6,735
	Vanguard Investments Australia Ltd.	SELL		Ordinary	(40,000)	(40,000)
	Vanguard Investments Australia Ltd.	BUY	2.59	Ordinary	9,590	9,590
25-Sep-20	Vanguard Investments Australia Ltd.	BUY	2.56	Ordinary	22,620	22,620

		Nature of	Consideration given in relation		Number of	Person's votes
Date of change	Person whose relevant interest changed	Change(6)	to change(7)	Class	securities affected	affected
·	Vanguard Investments Australia Ltd.	BUY	2.56	Ordinary	6,228	6,228
	Vanguard Investments Australia Ltd.	BUY	2.55	Ordinary	6,807	6,807
	Vanguard Investments Australia Ltd.	BUY	2.51	Ordinary	151,068	151,068
•	Vanguard Investments Australia Ltd.	BUY	2.51	Ordinary	22,670	22,670
	Vanguard Investments Australia Ltd.	BUY	2.59	Ordinary	38,911	38,911
	Vanguard Investments Australia Ltd.	BUY	2.63	Ordinary	33,795	33,795
	Vanguard Investments Australia Ltd.	BUY	2.59	Ordinary	28,413	28,413
	Vanguard Investments Australia Ltd.	BUY	2.59	Ordinary	13,402	13,402
	Vanguard Investments Australia Ltd.	BUY	2.59	Ordinary	22,600	22,600
	Vanguard Investments Australia Ltd.	BUY	2.59	Ordinary	5,394	5,394
	Vanguard Investments Australia Ltd.	BUY	2.61	Ordinary	6,160	6,160
	Vanguard Investments Australia Ltd.	BUY	2.58	Ordinary	3,682	3,682
	Vanguard Investments Australia Ltd.	BUY	2.63	Ordinary	22,500	22,500
	Vanguard Investments Australia Ltd.	SELL	2.74	Ordinary	(162,904)	(162,904)
	Vanguard Investments Australia Ltd.	SELL	2.71	Ordinary	(39,684)	(39,684)
	Vanguard Investments Australia Ltd.	BUY	2.71	Ordinary	6,160	6,160
	Vanguard Investments Australia Ltd.	BUY	2.71	Ordinary	129,333	129,333
	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	22,740	22,740
	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	237,325	237,325
	Vanguard Investments Australia Ltd.	SELL	2.70	Ordinary	(103,773)	(103,773)
	Vanguard Investments Australia Ltd.	SELL	2.70	Ordinary	(48,623)	(48,623)
	Vanguard Investments Australia Ltd.	BUY	2.70	Ordinary	22,810	22,810
29-Oct-20	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	6,160	6,160
29-Oct-20	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	119,857	119,857
	Vanguard Investments Australia Ltd.	BUY	2.69	Ordinary	18,630	18,630
	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	67,249	67,249
	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	95,918	95,918
	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	49,417	49,417
30-Oct-20	Vanguard Investments Australia Ltd.	SELL	2.67	Ordinary	(21,379)	(21,379)
	Vanguard Investments Australia Ltd.	BUY	2.67	Ordinary	50,453	50,453
	Vanguard Investments Australia Ltd.	BUY	2.68	Ordinary	22,880	22,880
	Vanguard Investments Australia Ltd.	SELL	2.68	Ordinary	(47,353)	(47,353)
	Vanguard Investments Australia Ltd.	BUY	2.68	Ordinary	34,365	34,365
	Vanguard Investments Australia Ltd.	BUY	2.73	Ordinary	4,562	4,562
	Vanguard Investments Australia Ltd.	SELL	2.82	Ordinary	(28,518)	(28,518)
	Vanguard Investments Australia Ltd.	SELL	2.76	Ordinary	(56,673)	(56,673)
	Vanguard Investments Australia Ltd.	BUY	2.76	Ordinary	38,692	38,692
11-Nov-20	Vanguard Investments Australia Ltd.	SELL	2.80	Ordinary	(135,870)	(135,870)
	Vanguard Investments Australia Ltd.	BUY		Ordinary	6,180	6,180
	Vanguard Investments Australia Ltd.	BUY	2.90	Ordinary	38,641	38,641
	Vanguard Investments Australia Ltd.	BUY	2.90		120,469	120,469
	Vanguard Investments Australia Ltd.	BUY		Ordinary	22,800	22,800
	Vanguard Investments Australia Ltd.	BUY		Ordinary	49,039	49,039
	Vanguard Investments Australia Ltd.	BUY		Ordinary	7,468	7,468
	Vanguard Investments Australia Ltd.	BUY	2.93	Ordinary	3,734	3,734
	Vanguard Investments Australia Ltd.	BUY	2.87	Ordinary	27,312	27,312
	Vanguard Investments Australia Ltd.	BUY		Ordinary	65,047	65,047
	Vanguard Investments Australia Ltd.	SELL	2.91	Ordinary	(78,171)	(78,171)
	Vanguard Investments Australia Ltd.	BUY	2.91	Ordinary	301,234	301,234
	Vanguard Investments Australia Ltd.	BUY	2.91	Ordinary	6,180	6,180
	Vanguard Investments Australia Ltd.	SELL	2.86	Ordinary	(28,726)	(28,726
	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	33,675	33,675
	Vanguard Investments Australia Ltd.	BUY	2.89	Ordinary	35,872	35,872
	Vanguard Investments Australia Ltd.	BUY	2.84	Ordinary	437,239	437,239
	Vanguard Investments Australia Ltd.	BUY	2.84	Ordinary	6,180	6,180
	Vanguard Investments Australia Ltd.	BUY	2.84	Ordinary	8,651	8,651
3-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.84	Ordinary	1,866	1,866
	Vanguard Investments Australia Ltd.	BUY	2.84	Ordinary	22,380	22,380
9-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	2,006	2,006
11-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.83	Ordinary	28,990	28,990

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
11-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.83	Ordinary	5,595	5,595
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.88	Ordinary	22,310	22,310
16-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.86	Ordinary	281,908	281,908
16-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.82	Ordinary	22,430	22,430
17-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.84	Ordinary	4,051	4,051
17-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.87	Ordinary	6,180	6,180
17-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.87	Ordinary	29,224	29,224
18-Dec-20	Vanguard Investments Australia Ltd.	SELL	2.93	Ordinary	(2,005)	(2,005)
18-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.92	Ordinary	2,527,604	2,527,604
18-Dec-20	Vanguard Investments Australia Ltd.	BUY	2.92	Ordinary	186,416	186,416
18-Dec-20	Vanguard Investments Australia Ltd.	SELL	2.93	Ordinary	(6,232)	(6,232)

This is Annexure A of 23 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature: THOWN SCHOOL

Name: Shawn Acker

Capacity: Compliance Manager

Date: 23 December 2020