

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

To Company Name/Scheme ALS Limited

ACN/ARSN 009 657 489

1. Details of substantial holder (1)

Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including Vanguard Investments Australia Ltd. and those listed in Annexure A)

ACN/ARSN (if applicable) N/A

The holder ceased to be a substantial holder on 5 November 2021

The previous notice was given to the company on 17 December 2018

The previous notice was dated 17 December 2018

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (4)	Consideration given in relation to change (5)	Class (6) and number of securities affected	Person's votes affected
Update to previous 605 form notice to include transactions not identified in previous notice See Annexure A					Vanguard Group now holds 4.622% of voting power

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

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

4. Addresses

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

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

Signature

print name Shawn Acker capacity Compliance Manager

sign here  date 19 November 2021

To Company
ACN/ARSN

ALS Limited
009 657 489

Substantial Holder Name
ACN/ARSN

Vanguard Group
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
14-Dec-18	The Vanguard Group, Inc.	SELL	7.08	Ordinary	(932)	(932)
14-Dec-18	The Vanguard Group, Inc.	BUY	7.03	Ordinary	4,554	4,554
17-Dec-18	The Vanguard Group, Inc.	BUY	7.05	Ordinary	9,108	9,108
20-Dec-18	The Vanguard Group, Inc.	BUY	6.73	Ordinary	6,072	6,072
27-Dec-18	The Vanguard Group, Inc.	BUY	6.85	Ordinary	58,778	58,778
11-Jan-19	The Vanguard Group, Inc.	BUY	7.11	Ordinary	5,372	5,372
17-Jan-19	The Vanguard Group, Inc.	SELL	7.14	Ordinary	(4,656)	(4,656)
17-Jan-19	The Vanguard Group, Inc.	BUY	7.16	Ordinary	36,380	36,380
18-Jan-19	The Vanguard Group, Inc.	BUY	7.10	Ordinary	21,664	21,664
18-Jan-19	The Vanguard Group, Inc.	BUY	7.09	Ordinary	20,103	20,103
22-Jan-19	The Vanguard Group, Inc.	SELL	7.09	Ordinary	(4,656)	(4,656)
23-Jan-19	The Vanguard Group, Inc.	BUY	7.12	Ordinary	1,680	1,680
23-Jan-19	The Vanguard Group, Inc.	SELL	7.12	Ordinary	(10,088)	(10,088)
24-Jan-19	The Vanguard Group, Inc.	BUY	7.13	Ordinary	13,972	13,972
24-Jan-19	The Vanguard Group, Inc.	SELL	7.14	Ordinary	(10,088)	(10,088)
24-Jan-19	The Vanguard Group, Inc.	BUY	7.18	Ordinary	6,379	6,379
29-Jan-19	The Vanguard Group, Inc.	BUY	7.06	Ordinary	2,668	2,668
29-Jan-19	The Vanguard Group, Inc.	SELL	7.08	Ordinary	(14,744)	(14,744)
29-Jan-19	The Vanguard Group, Inc.	SELL	7.08	Ordinary	(6,208)	(6,208)
29-Jan-19	The Vanguard Group, Inc.	SELL	7.08	Ordinary	(6,208)	(6,208)
4-Feb-19	The Vanguard Group, Inc.	SELL	7.49	Ordinary	(221,219)	(221,219)
4-Feb-19	The Vanguard Group, Inc.	SELL	7.50	Ordinary	(9,180)	(9,180)
5-Feb-19	The Vanguard Group, Inc.	BUY	7.38	Ordinary	6,211	6,211
7-Feb-19	The Vanguard Group, Inc.	SELL	7.63	Ordinary	(4,472)	(4,472)
8-Feb-19	The Vanguard Group, Inc.	SELL	7.62	Ordinary	(164,176)	(164,176)
11-Feb-19	The Vanguard Group, Inc.	SELL	7.64	Ordinary	(18,766)	(18,766)
11-Feb-19	The Vanguard Group, Inc.	SELL	7.65	Ordinary	(67,420)	(67,420)
12-Feb-19	The Vanguard Group, Inc.	SELL	7.60	Ordinary	(219,286)	(219,286)
12-Feb-19	The Vanguard Group, Inc.	SELL	7.61	Ordinary	(14,563)	(14,563)
21-Feb-19	The Vanguard Group, Inc.	BUY	8.00	Ordinary	3,550	3,550
26-Feb-19	The Vanguard Group, Inc.	BUY	7.96	Ordinary	3,880	3,880
28-Feb-19	The Vanguard Group, Inc.	SELL	7.90	Ordinary	(34,283)	(34,283)
1-Mar-19	The Vanguard Group, Inc.	BUY	7.95	Ordinary	627	627
1-Mar-19	The Vanguard Group, Inc.	BUY	7.95	Ordinary	9,769	9,769
1-Mar-19	The Vanguard Group, Inc.	SELL	7.95	Ordinary	(70,732)	(70,732)
1-Mar-19	The Vanguard Group, Inc.	SELL	7.95	Ordinary	(43,221)	(43,221)
4-Mar-19	The Vanguard Group, Inc.	BUY	8.14	Ordinary	38,011	38,011
4-Mar-19	The Vanguard Group, Inc.	SELL	8.13	Ordinary	(13,656)	(13,656)
4-Mar-19	The Vanguard Group, Inc.	SELL	8.15	Ordinary	(40,046)	(40,046)
4-Mar-19	The Vanguard Group, Inc.	SELL	8.13	Ordinary	(91,932)	(91,932)
5-Mar-19	The Vanguard Group, Inc.	BUY	8.02	Ordinary	4,656	4,656
5-Mar-19	The Vanguard Group, Inc.	SELL	7.93	Ordinary	(13,508)	(13,508)
8-Mar-19	The Vanguard Group, Inc.	BUY	8.05	Ordinary	3,880	3,880
12-Mar-19	The Vanguard Group, Inc.	BUY	8.04	Ordinary	156,219	156,219
15-Mar-19	The Vanguard Group, Inc.	SELL	7.81	Ordinary	(1,602)	(1,602)
15-Mar-19	The Vanguard Group, Inc.	BUY	7.81	Ordinary	39	39
15-Mar-19	The Vanguard Group, Inc.	BUY	7.83	Ordinary	311	311
20-Mar-19	The Vanguard Group, Inc.	BUY	7.61	Ordinary	2,328	2,328
1-Apr-19	The Vanguard Group, Inc.	BUY	7.86	Ordinary	3,104	3,104
4-Apr-19	The Vanguard Group, Inc.	BUY	7.96	Ordinary	967	967
9-Apr-19	The Vanguard Group, Inc.	BUY	7.95	Ordinary	9,828	9,828
12-Apr-19	The Vanguard Group, Inc.	BUY	7.98	Ordinary	1,662	1,662
16-Apr-19	The Vanguard Group, Inc.	BUY	8.21	Ordinary	121,481	121,481
18-Apr-19	The Vanguard Group, Inc.	SELL	8.13	Ordinary	(202,760)	(202,760)
18-Apr-19	The Vanguard Group, Inc.	BUY	8.13	Ordinary	202,760	202,760
26-Apr-19	The Vanguard Group, Inc.	BUY	8.16	Ordinary	3,880	3,880
1-May-19	The Vanguard Group, Inc.	BUY	8.10	Ordinary	126,255	126,255
3-May-19	The Vanguard Group, Inc.	BUY	8.09	Ordinary	1,671	1,671
3-May-19	The Vanguard Group, Inc.	BUY	8.09	Ordinary	967	967
6-May-19	The Vanguard Group, Inc.	SELL	7.91	Ordinary	(3,354)	(3,354)
7-May-19	The Vanguard Group, Inc.	BUY	7.94	Ordinary	967	967
8-May-19	The Vanguard Group, Inc.	SELL	7.91	Ordinary	(3,354)	(3,354)
8-May-19	The Vanguard Group, Inc.	BUY	7.97	Ordinary	9,741	9,741

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
9-May-19	The Vanguard Group, Inc.	BUY	8.05	Ordinary	4,656	4,656
10-May-19	The Vanguard Group, Inc.	BUY	8.04	Ordinary	727	727
14-May-19	The Vanguard Group, Inc.	SELL	8.05	Ordinary	(3,354)	(3,354)
17-May-19	The Vanguard Group, Inc.	BUY	8.20	Ordinary	109,431	109,431
21-May-19	The Vanguard Group, Inc.	BUY	7.54	Ordinary	1,476	1,476
28-May-19	The Vanguard Group, Inc.	BUY	7.16	Ordinary	3,880	3,880
29-May-19	The Vanguard Group, Inc.	SELL	7.15	Ordinary	(490)	(490)
5-Jun-19	The Vanguard Group, Inc.	SELL	6.60	Ordinary	(967)	(967)
5-Jun-19	The Vanguard Group, Inc.	SELL	6.63	Ordinary	(2,236)	(2,236)
5-Jun-19	The Vanguard Group, Inc.	SELL	6.63	Ordinary	(4,472)	(4,472)
6-Jun-19	The Vanguard Group, Inc.	SELL	6.59	Ordinary	(14,366)	(14,366)
11-Jun-19	The Vanguard Group, Inc.	SELL	6.68	Ordinary	(2,795)	(2,795)
12-Jun-19	The Vanguard Group, Inc.	BUY	6.87	Ordinary	806	806
14-Jun-19	The Vanguard Group, Inc.	SELL	6.99	Ordinary	(1,677)	(1,677)
21-Jun-19	The Vanguard Group, Inc.	SELL	7.25	Ordinary	(216,900)	(216,900)
25-Jun-19	The Vanguard Group, Inc.	SELL	7.11	Ordinary	(1,677)	(1,677)
26-Jun-19	The Vanguard Group, Inc.	BUY	7.29	Ordinary	967	967
26-Jun-19	The Vanguard Group, Inc.	BUY	7.29	Ordinary	11,920	11,920
27-Jun-19	The Vanguard Group, Inc.	SELL	7.40	Ordinary	(1,076)	(1,076)
28-Jun-19	The Vanguard Group, Inc.	SELL	7.34	Ordinary	(449)	(449)
3-Jul-19	The Vanguard Group, Inc.	BUY	7.81	Ordinary	32,428	32,428
5-Jul-19	The Vanguard Group, Inc.	BUY	7.85	Ordinary	3,104	3,104
10-Jul-19	The Vanguard Group, Inc.	BUY	7.58	Ordinary	1,331	1,331
15-Jul-19	The Vanguard Group, Inc.	BUY	7.20	Ordinary	4,656	4,656
17-Jul-19	The Vanguard Group, Inc.	BUY	7.00	Ordinary	145,298	145,298
18-Jul-19	The Vanguard Group, Inc.	BUY	7.04	Ordinary	4,753	4,753
22-Jul-19	The Vanguard Group, Inc.	BUY	7.35	Ordinary	3,880	3,880
22-Jul-19	The Vanguard Group, Inc.	BUY	7.35	Ordinary	3,880	3,880
23-Jul-19	The Vanguard Group, Inc.	SELL	7.33	Ordinary	(798,388)	(798,388)
30-Jul-19	The Vanguard Group, Inc.	BUY	7.44	Ordinary	967	967
30-Jul-19	The Vanguard Group, Inc.	SELL	7.42	Ordinary	(2,236)	(2,236)
1-Aug-19	The Vanguard Group, Inc.	BUY	6.97	Ordinary	6,984	6,984
6-Aug-19	The Vanguard Group, Inc.	BUY	6.81	Ordinary	10,506	10,506
8-Aug-19	The Vanguard Group, Inc.	SELL	7.22	Ordinary	(2,795)	(2,795)
13-Aug-19	The Vanguard Group, Inc.	BUY	7.52	Ordinary	1,928	1,928
13-Aug-19	The Vanguard Group, Inc.	SELL	7.56	Ordinary	(3,913)	(3,913)
15-Aug-19	The Vanguard Group, Inc.	SELL	7.45	Ordinary	(3,354)	(3,354)
19-Aug-19	The Vanguard Group, Inc.	SELL	7.54	Ordinary	(409)	(409)
20-Aug-19	The Vanguard Group, Inc.	BUY	7.70	Ordinary	91,670	91,670
22-Aug-19	The Vanguard Group, Inc.	SELL	7.61	Ordinary	(31,237)	(31,237)
3-Sep-19	The Vanguard Group, Inc.	BUY	7.78	Ordinary	6,439	6,439
3-Sep-19	The Vanguard Group, Inc.	SELL	7.78	Ordinary	(3,203)	(3,203)
3-Sep-19	The Vanguard Group, Inc.	BUY	7.78	Ordinary	3,203	3,203
16-Sep-19	The Vanguard Group, Inc.	BUY	8.27	Ordinary	1,677	1,677
20-Sep-19	The Vanguard Group, Inc.	SELL	8.13	Ordinary	(1,891)	(1,891)
20-Sep-19	The Vanguard Group, Inc.	BUY	8.14	Ordinary	20,666	20,666
20-Sep-19	The Vanguard Group, Inc.	SELL	8.13	Ordinary	(3,845)	(3,845)
24-Sep-19	The Vanguard Group, Inc.	BUY	8.14	Ordinary	11,545	11,545
1-Oct-19	The Vanguard Group, Inc.	BUY	8.11	Ordinary	945	945
1-Oct-19	The Vanguard Group, Inc.	BUY	8.11	Ordinary	15,090	15,090
11-Oct-19	The Vanguard Group, Inc.	BUY	8.19	Ordinary	5,036	5,036
21-Oct-19	The Vanguard Group, Inc.	BUY	8.11	Ordinary	309	309
25-Oct-19	The Vanguard Group, Inc.	BUY	8.09	Ordinary	309	309
25-Oct-19	The Vanguard Group, Inc.	BUY	8.09	Ordinary	5,205	5,205
25-Oct-19	The Vanguard Group, Inc.	SELL	8.12	Ordinary	(6,708)	(6,708)
8-Nov-19	The Vanguard Group, Inc.	BUY	8.22	Ordinary	309	309
8-Nov-19	The Vanguard Group, Inc.	BUY	8.23	Ordinary	22,761	22,761
19-Nov-19	The Vanguard Group, Inc.	BUY	8.08	Ordinary	309	309
26-Nov-19	The Vanguard Group, Inc.	BUY	8.79	Ordinary	11,301	11,301
27-Nov-19	The Vanguard Group, Inc.	BUY	8.70	Ordinary	945	945
29-Nov-19	The Vanguard Group, Inc.	BUY	9.05	Ordinary	309	309
2-Dec-19	The Vanguard Group, Inc.	BUY	8.93	Ordinary	10,864	10,864
3-Dec-19	The Vanguard Group, Inc.	BUY	9.02	Ordinary	309	309
3-Dec-19	The Vanguard Group, Inc.	BUY	9.02	Ordinary	618	618
9-Dec-19	The Vanguard Group, Inc.	BUY	9.03	Ordinary	1,818	1,818
10-Dec-19	The Vanguard Group, Inc.	BUY	9.10	Ordinary	309	309
11-Dec-19	The Vanguard Group, Inc.	BUY	9.43	Ordinary	325	325
20-Dec-19	The Vanguard Group, Inc.	BUY	9.41	Ordinary	3,986	3,986
20-Dec-19	The Vanguard Group, Inc.	BUY	9.41	Ordinary	10,879	10,879
23-Dec-19	The Vanguard Group, Inc.	BUY	9.34	Ordinary	10,080	10,080

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
23-Dec-19	The Vanguard Group, Inc.	BUY	9.34	Ordinary	2,160	2,160
24-Dec-19	The Vanguard Group, Inc.	BUY	9.37	Ordinary	4,320	4,320
26-Dec-19	The Vanguard Group, Inc.	BUY	9.39	Ordinary	10,800	10,800
30-Dec-19	The Vanguard Group, Inc.	BUY	9.35	Ordinary	2,010	2,010
30-Dec-19	The Vanguard Group, Inc.	SELL	9.35	Ordinary	(328)	(328)
31-Dec-19	The Vanguard Group, Inc.	BUY	9.18	Ordinary	309	309
31-Dec-19	The Vanguard Group, Inc.	BUY	9.18	Ordinary	309	309
3-Jan-20	The Vanguard Group, Inc.	BUY	9.15	Ordinary	29,314	29,314
6-Jan-20	The Vanguard Group, Inc.	BUY	9.08	Ordinary	650	650
8-Jan-20	The Vanguard Group, Inc.	BUY	9.26	Ordinary	309	309
9-Jan-20	The Vanguard Group, Inc.	BUY	9.42	Ordinary	12,960	12,960
10-Jan-20	The Vanguard Group, Inc.	BUY	9.44	Ordinary	309	309
13-Jan-20	The Vanguard Group, Inc.	BUY	9.41	Ordinary	945	945
13-Jan-20	The Vanguard Group, Inc.	BUY	9.41	Ordinary	309	309
15-Jan-20	The Vanguard Group, Inc.	BUY	9.61	Ordinary	309	309
15-Jan-20	The Vanguard Group, Inc.	BUY	9.62	Ordinary	5,760	5,760
16-Jan-20	The Vanguard Group, Inc.	BUY	9.52	Ordinary	6,480	6,480
17-Jan-20	The Vanguard Group, Inc.	BUY	9.69	Ordinary	5,760	5,760
17-Jan-20	The Vanguard Group, Inc.	BUY	9.69	Ordinary	6,480	6,480
22-Jan-20	The Vanguard Group, Inc.	BUY	9.81	Ordinary	945	945
22-Jan-20	The Vanguard Group, Inc.	BUY	9.78	Ordinary	4,320	4,320
23-Jan-20	The Vanguard Group, Inc.	BUY	9.76	Ordinary	1,756	1,756
23-Jan-20	The Vanguard Group, Inc.	BUY	9.72	Ordinary	3,600	3,600
24-Jan-20	The Vanguard Group, Inc.	BUY	9.68	Ordinary	59,622	59,622
28-Jan-20	The Vanguard Group, Inc.	BUY	9.73	Ordinary	309	309
31-Jan-20	The Vanguard Group, Inc.	BUY	9.65	Ordinary	2,022	2,022
31-Jan-20	The Vanguard Group, Inc.	BUY	9.65	Ordinary	4,293	4,293
31-Jan-20	The Vanguard Group, Inc.	BUY	9.55	Ordinary	4,320	4,320
31-Jan-20	The Vanguard Group, Inc.	BUY	9.55	Ordinary	4,320	4,320
3-Feb-20	The Vanguard Group, Inc.	BUY	9.55	Ordinary	2,835	2,835
4-Feb-20	The Vanguard Group, Inc.	BUY	9.54	Ordinary	1,831	1,831
4-Feb-20	The Vanguard Group, Inc.	BUY	9.54	Ordinary	309	309
5-Feb-20	The Vanguard Group, Inc.	BUY	9.73	Ordinary	13,680	13,680
5-Feb-20	The Vanguard Group, Inc.	BUY	9.73	Ordinary	5,040	5,040
10-Feb-20	The Vanguard Group, Inc.	BUY	9.51	Ordinary	945	945
10-Feb-20	The Vanguard Group, Inc.	BUY	9.57	Ordinary	6,480	6,480
11-Feb-20	The Vanguard Group, Inc.	BUY	9.66	Ordinary	309	309
11-Feb-20	The Vanguard Group, Inc.	BUY	9.66	Ordinary	309	309
11-Feb-20	The Vanguard Group, Inc.	BUY	9.66	Ordinary	4,320	4,320
11-Feb-20	The Vanguard Group, Inc.	BUY	9.62	Ordinary	62,829	62,829
13-Feb-20	The Vanguard Group, Inc.	BUY	9.77	Ordinary	309	309
13-Feb-20	The Vanguard Group, Inc.	BUY	9.75	Ordinary	9,360	9,360
14-Feb-20	The Vanguard Group, Inc.	BUY	9.74	Ordinary	4,320	4,320
19-Feb-20	The Vanguard Group, Inc.	BUY	9.83	Ordinary	3,600	3,600
19-Feb-20	The Vanguard Group, Inc.	BUY	9.80	Ordinary	34,518	34,518
20-Feb-20	The Vanguard Group, Inc.	BUY	9.94	Ordinary	6,615	6,615
20-Feb-20	The Vanguard Group, Inc.	BUY	9.93	Ordinary	26,628	26,628
21-Feb-20	The Vanguard Group, Inc.	BUY	9.89	Ordinary	2,065	2,065
21-Feb-20	The Vanguard Group, Inc.	BUY	9.84	Ordinary	5,760	5,760
24-Feb-20	The Vanguard Group, Inc.	SELL	9.30	Ordinary	(2,795)	(2,795)
25-Feb-20	The Vanguard Group, Inc.	BUY	8.89	Ordinary	4,320	4,320
25-Feb-20	The Vanguard Group, Inc.	SELL	8.89	Ordinary	(1,118)	(1,118)
26-Feb-20	The Vanguard Group, Inc.	BUY	8.86	Ordinary	63,899	63,899
28-Feb-20	The Vanguard Group, Inc.	BUY	8.38	Ordinary	70,164	70,164
2-Mar-20	The Vanguard Group, Inc.	SELL	8.55	Ordinary	(5,760)	(5,760)
3-Mar-20	The Vanguard Group, Inc.	BUY	8.42	Ordinary	21,563	21,563
6-Mar-20	The Vanguard Group, Inc.	BUY	7.77	Ordinary	309	309
6-Mar-20	The Vanguard Group, Inc.	SELL	7.71	Ordinary	(4,320)	(4,320)
10-Mar-20	The Vanguard Group, Inc.	SELL	7.49	Ordinary	(3,600)	(3,600)
11-Mar-20	The Vanguard Group, Inc.	SELL	6.78	Ordinary	(2,160)	(2,160)
11-Mar-20	The Vanguard Group, Inc.	BUY	7.14	Ordinary	84,285	84,285
12-Mar-20	The Vanguard Group, Inc.	BUY	6.30	Ordinary	2,490	2,490
12-Mar-20	The Vanguard Group, Inc.	SELL	5.96	Ordinary	(7,920)	(7,920)
13-Mar-20	The Vanguard Group, Inc.	BUY	6.29	Ordinary	309	309
13-Mar-20	The Vanguard Group, Inc.	BUY	6.29	Ordinary	17,922	17,922
13-Mar-20	The Vanguard Group, Inc.	BUY	6.29	Ordinary	89,608	89,608
16-Mar-20	The Vanguard Group, Inc.	BUY	5.52	Ordinary	945	945
16-Mar-20	The Vanguard Group, Inc.	BUY	5.52	Ordinary	786	786
16-Mar-20	The Vanguard Group, Inc.	SELL	5.53	Ordinary	(1,677)	(1,677)
17-Mar-20	The Vanguard Group, Inc.	BUY	5.25	Ordinary	16,377	16,377

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17-Mar-20	The Vanguard Group, Inc.	SELL	5.25	Ordinary	(735)	(735)
17-Mar-20	The Vanguard Group, Inc.	SELL	5.41	Ordinary	(5,760)	(5,760)
17-Mar-20	The Vanguard Group, Inc.	SELL	5.41	Ordinary	(7,200)	(7,200)
17-Mar-20	The Vanguard Group, Inc.	SELL	5.41	Ordinary	(2,236)	(2,236)
18-Mar-20	The Vanguard Group, Inc.	BUY	4.91	Ordinary	10,659	10,659
18-Mar-20	The Vanguard Group, Inc.	BUY	5.14	Ordinary	118,328	118,328
19-Mar-20	The Vanguard Group, Inc.	BUY	5.12	Ordinary	127,513	127,513
20-Mar-20	The Vanguard Group, Inc.	SELL	5.33	Ordinary	(2,795)	(2,795)
20-Mar-20	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(4,452)	(4,452)
23-Mar-20	The Vanguard Group, Inc.	BUY	4.93	Ordinary	940	940
23-Mar-20	The Vanguard Group, Inc.	SELL	5.09	Ordinary	(2,236)	(2,236)
26-Mar-20	The Vanguard Group, Inc.	SELL	5.28	Ordinary	(1,677)	(1,677)
30-Mar-20	The Vanguard Group, Inc.	BUY	5.58	Ordinary	930	930
31-Mar-20	The Vanguard Group, Inc.	BUY	5.56	Ordinary	5,485	5,485
1-Apr-20	The Vanguard Group, Inc.	BUY	6.15	Ordinary	1,860	1,860
3-Apr-20	The Vanguard Group, Inc.	SELL	5.92	Ordinary	(3,361)	(3,361)
6-Apr-20	The Vanguard Group, Inc.	SELL	5.70	Ordinary	(4,810)	(4,810)
7-Apr-20	The Vanguard Group, Inc.	BUY	6.03	Ordinary	2,790	2,790
7-Apr-20	The Vanguard Group, Inc.	SELL	6.03	Ordinary	(379)	(379)
7-Apr-20	The Vanguard Group, Inc.	BUY	6.16	Ordinary	23,724	23,724
15-Apr-20	The Vanguard Group, Inc.	BUY	6.41	Ordinary	382	382
15-Apr-20	The Vanguard Group, Inc.	SELL	6.38	Ordinary	(2,892)	(2,892)
15-Apr-20	The Vanguard Group, Inc.	SELL	6.38	Ordinary	(6,507)	(6,507)
15-Apr-20	The Vanguard Group, Inc.	SELL	6.38	Ordinary	(5,784)	(5,784)
15-Apr-20	The Vanguard Group, Inc.	BUY	6.35	Ordinary	5,217	5,217
16-Apr-20	The Vanguard Group, Inc.	BUY	6.26	Ordinary	929	929
16-Apr-20	The Vanguard Group, Inc.	SELL	6.26	Ordinary	(17,255)	(17,255)
21-Apr-20	The Vanguard Group, Inc.	BUY	6.30	Ordinary	24,223	24,223
22-Apr-20	The Vanguard Group, Inc.	SELL	5.98	Ordinary	(9,880)	(9,880)
30-Apr-20	The Vanguard Group, Inc.	SELL	6.70	Ordinary	(7,434)	(7,434)
1-May-20	The Vanguard Group, Inc.	SELL	6.61	Ordinary	(9,912)	(9,912)
1-May-20	The Vanguard Group, Inc.	SELL	6.61	Ordinary	(2,236)	(2,236)
6-May-20	The Vanguard Group, Inc.	BUY	6.75	Ordinary	2,855	2,855
8-May-20	The Vanguard Group, Inc.	SELL	6.45	Ordinary	(3,913)	(3,913)
13-May-20	The Vanguard Group, Inc.	BUY	6.26	Ordinary	927	927
15-May-20	The Vanguard Group, Inc.	BUY	6.28	Ordinary	927	927
21-May-20	The Vanguard Group, Inc.	BUY	7.02	Ordinary	928	928
22-May-20	The Vanguard Group, Inc.	BUY	6.90	Ordinary	2,478	2,478
27-May-20	The Vanguard Group, Inc.	BUY	7.19	Ordinary	1,022	1,022
28-May-20	The Vanguard Group, Inc.	BUY	7.26	Ordinary	6,708	6,708
1-Jun-20	The Vanguard Group, Inc.	BUY	7.13	Ordinary	2,795	2,795
2-Jun-20	The Vanguard Group, Inc.	BUY	7.32	Ordinary	8,385	8,385
4-Jun-20	The Vanguard Group, Inc.	BUY	7.37	Ordinary	2,795	2,795
4-Jun-20	The Vanguard Group, Inc.	SELL	7.33	Ordinary	(79,730)	(79,730)
9-Jun-20	The Vanguard Group, Inc.	BUY	7.26	Ordinary	928	928
9-Jun-20	The Vanguard Group, Inc.	BUY	7.26	Ordinary	312	312
9-Jun-20	The Vanguard Group, Inc.	SELL	7.45	Ordinary	(8,160)	(8,160)
10-Jun-20	The Vanguard Group, Inc.	SELL	7.34	Ordinary	(79,223)	(79,223)
11-Jun-20	The Vanguard Group, Inc.	SELL	6.67	Ordinary	(3,264)	(3,264)
11-Jun-20	The Vanguard Group, Inc.	SELL	6.67	Ordinary	(8,160)	(8,160)
11-Jun-20	The Vanguard Group, Inc.	SELL	6.67	Ordinary	(4,896)	(4,896)
11-Jun-20	The Vanguard Group, Inc.	BUY	6.67	Ordinary	2,795	2,795
15-Jun-20	The Vanguard Group, Inc.	SELL	6.93	Ordinary	(4,896)	(4,896)
18-Jun-20	The Vanguard Group, Inc.	BUY	6.88	Ordinary	10,427	10,427
19-Jun-20	The Vanguard Group, Inc.	BUY	6.87	Ordinary	2,925	2,925
19-Jun-20	The Vanguard Group, Inc.	SELL	6.87	Ordinary	(21,291)	(21,291)
19-Jun-20	The Vanguard Group, Inc.	SELL	6.91	Ordinary	(12,902)	(12,902)
19-Jun-20	The Vanguard Group, Inc.	BUY	6.96	Ordinary	10,377	10,377
22-Jun-20	The Vanguard Group, Inc.	SELL	6.80	Ordinary	(3,024)	(3,024)
22-Jun-20	The Vanguard Group, Inc.	SELL	6.74	Ordinary	(3,012)	(3,012)
22-Jun-20	The Vanguard Group, Inc.	BUY	6.75	Ordinary	10,276	10,276
22-Jun-20	The Vanguard Group, Inc.	BUY	6.80	Ordinary	3,951	3,951
23-Jun-20	The Vanguard Group, Inc.	BUY	6.91	Ordinary	11,655	11,655
24-Jun-20	The Vanguard Group, Inc.	BUY	6.84	Ordinary	328	328
24-Jun-20	The Vanguard Group, Inc.	SELL	6.69	Ordinary	(4,692)	(4,692)
24-Jun-20	The Vanguard Group, Inc.	BUY	6.89	Ordinary	11,493	11,493
25-Jun-20	The Vanguard Group, Inc.	BUY	6.62	Ordinary	12,402	12,402
25-Jun-20	The Vanguard Group, Inc.	BUY	6.61	Ordinary	10,359	10,359
26-Jun-20	The Vanguard Group, Inc.	SELL	6.48	Ordinary	(21,197)	(21,197)
29-Jun-20	The Vanguard Group, Inc.	BUY	6.37	Ordinary	646	646

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
30-Jun-20	The Vanguard Group, Inc.	SELL	6.62	Ordinary	(3,910)	(3,910)
1-Jul-20	The Vanguard Group, Inc.	BUY	6.67	Ordinary	337	337
7-Jul-20	The Vanguard Group, Inc.	SELL	7.05	Ordinary	(86,177)	(86,177)
8-Jul-20	The Vanguard Group, Inc.	BUY	7.24	Ordinary	12,724	12,724
14-Jul-20	The Vanguard Group, Inc.	SELL	6.87	Ordinary	(30,495)	(30,495)
14-Jul-20	The Vanguard Group, Inc.	SELL	6.87	Ordinary	(5,527)	(5,527)
15-Jul-20	The Vanguard Group, Inc.	SELL	7.15	Ordinary	(6,708)	(6,708)
15-Jul-20	The Vanguard Group, Inc.	SELL	7.15	Ordinary	(2,236)	(2,236)
28-Jul-20	The Vanguard Group, Inc.	SELL	7.93	Ordinary	(74,036)	(74,036)
30-Jul-20	The Vanguard Group, Inc.	BUY	8.83	Ordinary	572	572
30-Jul-20	The Vanguard Group, Inc.	SELL	8.83	Ordinary	(5,498)	(5,498)
31-Jul-20	The Vanguard Group, Inc.	SELL	8.36	Ordinary	(26,345)	(26,345)
3-Aug-20	The Vanguard Group, Inc.	BUY	8.45	Ordinary	2,745	2,745
7-Aug-20	The Vanguard Group, Inc.	BUY	8.91	Ordinary	2,803	2,803
13-Aug-20	The Vanguard Group, Inc.	BUY	8.88	Ordinary	526	526
13-Aug-20	The Vanguard Group, Inc.	SELL	8.86	Ordinary	(2,280)	(2,280)
17-Aug-20	The Vanguard Group, Inc.	BUY	8.86	Ordinary	7,038	7,038
17-Aug-20	The Vanguard Group, Inc.	BUY	8.86	Ordinary	9,384	9,384
18-Aug-20	The Vanguard Group, Inc.	SELL	8.97	Ordinary	(19,166)	(19,166)
18-Aug-20	The Vanguard Group, Inc.	BUY	8.97	Ordinary	19,166	19,166
21-Aug-20	The Vanguard Group, Inc.	SELL	8.94	Ordinary	(1,947)	(1,947)
21-Aug-20	The Vanguard Group, Inc.	SELL	8.94	Ordinary	(918)	(918)
26-Aug-20	The Vanguard Group, Inc.	SELL	9.05	Ordinary	(2,883)	(2,883)
27-Aug-20	The Vanguard Group, Inc.	BUY	8.92	Ordinary	3,875	3,875
1-Sep-20	The Vanguard Group, Inc.	SELL	8.75	Ordinary	(191,551)	(191,551)
1-Sep-20	The Vanguard Group, Inc.	BUY	8.75	Ordinary	191,551	191,551
3-Sep-20	The Vanguard Group, Inc.	BUY	8.92	Ordinary	2,506	2,506
4-Sep-20	The Vanguard Group, Inc.	BUY	8.70	Ordinary	190	190
8-Sep-20	The Vanguard Group, Inc.	BUY	8.91	Ordinary	253	253
17-Sep-20	The Vanguard Group, Inc.	BUY	9.19	Ordinary	253	253
18-Sep-20	The Vanguard Group, Inc.	SELL	9.08	Ordinary	(2,462)	(2,462)
18-Sep-20	The Vanguard Group, Inc.	BUY	9.08	Ordinary	2,977	2,977
29-Sep-20	The Vanguard Group, Inc.	SELL	9.32	Ordinary	(203,232)	(203,232)
29-Sep-20	The Vanguard Group, Inc.	BUY	9.32	Ordinary	203,232	203,232
30-Sep-20	The Vanguard Group, Inc.	BUY	9.21	Ordinary	231	231
2-Oct-20	The Vanguard Group, Inc.	BUY	9.38	Ordinary	386	386
2-Oct-20	The Vanguard Group, Inc.	BUY	9.29	Ordinary	4,650	4,650
5-Oct-20	The Vanguard Group, Inc.	BUY	9.64	Ordinary	1,822	1,822
7-Oct-20	The Vanguard Group, Inc.	BUY	9.49	Ordinary	2,373	2,373
9-Oct-20	The Vanguard Group, Inc.	BUY	9.76	Ordinary	10,075	10,075
9-Oct-20	The Vanguard Group, Inc.	BUY	9.76	Ordinary	3,875	3,875
14-Oct-20	The Vanguard Group, Inc.	SELL	9.66	Ordinary	(191,940)	(191,940)
14-Oct-20	The Vanguard Group, Inc.	BUY	9.66	Ordinary	191,940	191,940
22-Oct-20	The Vanguard Group, Inc.	BUY	9.60	Ordinary	248	248
27-Oct-20	The Vanguard Group, Inc.	BUY	9.53	Ordinary	1,826	1,826
27-Oct-20	The Vanguard Group, Inc.	SELL	9.51	Ordinary	(190,301)	(190,301)
27-Oct-20	The Vanguard Group, Inc.	BUY	9.51	Ordinary	190,301	190,301
2-Nov-20	The Vanguard Group, Inc.	BUY	9.31	Ordinary	258	258
5-Nov-20	The Vanguard Group, Inc.	BUY	9.76	Ordinary	3,481	3,481
12-Nov-20	The Vanguard Group, Inc.	BUY	9.99	Ordinary	248	248
12-Nov-20	The Vanguard Group, Inc.	BUY	9.99	Ordinary	8,798	8,798
12-Nov-20	The Vanguard Group, Inc.	SELL	10.00	Ordinary	(186,072)	(186,072)
12-Nov-20	The Vanguard Group, Inc.	BUY	10.00	Ordinary	186,072	186,072
24-Nov-20	The Vanguard Group, Inc.	BUY	10.25	Ordinary	254	254
25-Nov-20	The Vanguard Group, Inc.	BUY	10.05	Ordinary	11,927	11,927
26-Nov-20	The Vanguard Group, Inc.	BUY	9.90	Ordinary	1,828	1,828
30-Nov-20	The Vanguard Group, Inc.	BUY	9.55	Ordinary	256	256
1-Dec-20	The Vanguard Group, Inc.	BUY	9.54	Ordinary	4,213	4,213
2-Dec-20	The Vanguard Group, Inc.	BUY	9.67	Ordinary	3,836	3,836
2-Dec-20	The Vanguard Group, Inc.	SELL	9.74	Ordinary	(176,388)	(176,388)
2-Dec-20	The Vanguard Group, Inc.	BUY	9.74	Ordinary	176,388	176,388
4-Dec-20	The Vanguard Group, Inc.	BUY	9.52	Ordinary	261	261
7-Dec-20	The Vanguard Group, Inc.	BUY	9.54	Ordinary	913	913
8-Dec-20	The Vanguard Group, Inc.	BUY	9.66	Ordinary	5,130	5,130
9-Dec-20	The Vanguard Group, Inc.	BUY	9.81	Ordinary	1,710	1,710
15-Dec-20	The Vanguard Group, Inc.	BUY	10.21	Ordinary	3,990	3,990
16-Dec-20	The Vanguard Group, Inc.	BUY	10.13	Ordinary	915	915
16-Dec-20	The Vanguard Group, Inc.	BUY	10.13	Ordinary	250	250
18-Dec-20	The Vanguard Group, Inc.	BUY	9.90	Ordinary	907	907
18-Dec-20	The Vanguard Group, Inc.	SELL	9.90	Ordinary	(28,104)	(28,104)

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21-Dec-20	The Vanguard Group, Inc.	BUY	9.83	Ordinary	905	905
22-Dec-20	The Vanguard Group, Inc.	BUY	9.70	Ordinary	2,850	2,850
23-Dec-20	The Vanguard Group, Inc.	BUY	9.64	Ordinary	3,386	3,386
24-Dec-20	The Vanguard Group, Inc.	BUY	9.64	Ordinary	906	906
30-Dec-20	The Vanguard Group, Inc.	BUY	9.69	Ordinary	17,801	17,801
31-Dec-20	The Vanguard Group, Inc.	SELL	9.57	Ordinary	(6,780)	(6,780)
31-Dec-20	The Vanguard Group, Inc.	BUY	9.57	Ordinary	6,780	6,780
4-Jan-21	The Vanguard Group, Inc.	SELL	9.66	Ordinary	(6,840)	(6,840)
4-Jan-21	The Vanguard Group, Inc.	BUY	9.66	Ordinary	6,840	6,840
5-Jan-21	The Vanguard Group, Inc.	BUY	10.02	Ordinary	911	911
6-Jan-21	The Vanguard Group, Inc.	BUY	10.02	Ordinary	10,216	10,216
6-Jan-21	The Vanguard Group, Inc.	SELL	10.02	Ordinary	(357)	(357)
6-Jan-21	The Vanguard Group, Inc.	BUY	10.13	Ordinary	2,280	2,280
7-Jan-21	The Vanguard Group, Inc.	BUY	10.39	Ordinary	251	251
7-Jan-21	The Vanguard Group, Inc.	BUY	10.51	Ordinary	10,260	10,260
8-Jan-21	The Vanguard Group, Inc.	BUY	10.51	Ordinary	9,300	9,300
8-Jan-21	The Vanguard Group, Inc.	SELL	10.51	Ordinary	(1,938)	(1,938)
8-Jan-21	The Vanguard Group, Inc.	BUY	10.51	Ordinary	1,938	1,938
11-Jan-21	The Vanguard Group, Inc.	BUY	10.05	Ordinary	913	913
11-Jan-21	The Vanguard Group, Inc.	BUY	10.05	Ordinary	1,863	1,863
12-Jan-21	The Vanguard Group, Inc.	BUY	9.86	Ordinary	1,710	1,710
12-Jan-21	The Vanguard Group, Inc.	BUY	9.86	Ordinary	4,560	4,560
13-Jan-21	The Vanguard Group, Inc.	BUY	9.94	Ordinary	5,425	5,425
13-Jan-21	The Vanguard Group, Inc.	SELL	9.94	Ordinary	(156,980)	(156,980)
13-Jan-21	The Vanguard Group, Inc.	BUY	9.94	Ordinary	156,980	156,980
14-Jan-21	The Vanguard Group, Inc.	BUY	9.92	Ordinary	249	249
18-Jan-21	The Vanguard Group, Inc.	BUY	9.94	Ordinary	907	907
18-Jan-21	The Vanguard Group, Inc.	BUY	9.81	Ordinary	534	534
20-Jan-21	The Vanguard Group, Inc.	BUY	10.48	Ordinary	18,531	18,531
21-Jan-21	The Vanguard Group, Inc.	BUY	10.56	Ordinary	3,100	3,100
21-Jan-21	The Vanguard Group, Inc.	BUY	10.56	Ordinary	5,130	5,130
22-Jan-21	The Vanguard Group, Inc.	BUY	10.60	Ordinary	1,814	1,814
25-Jan-21	The Vanguard Group, Inc.	BUY	10.65	Ordinary	6,975	6,975
27-Jan-21	The Vanguard Group, Inc.	BUY	10.52	Ordinary	908	908
27-Jan-21	The Vanguard Group, Inc.	SELL	10.29	Ordinary	(156,745)	(156,745)
27-Jan-21	The Vanguard Group, Inc.	BUY	10.29	Ordinary	156,745	156,745
28-Jan-21	The Vanguard Group, Inc.	BUY	9.95	Ordinary	4,650	4,650
29-Jan-21	The Vanguard Group, Inc.	BUY	9.97	Ordinary	960	960
29-Jan-21	The Vanguard Group, Inc.	BUY	9.90	Ordinary	4,650	4,650
29-Jan-21	The Vanguard Group, Inc.	BUY	9.90	Ordinary	1,710	1,710
1-Feb-21	The Vanguard Group, Inc.	BUY	9.95	Ordinary	3,215	3,215
3-Feb-21	The Vanguard Group, Inc.	BUY	10.46	Ordinary	9,895	9,895
3-Feb-21	The Vanguard Group, Inc.	SELL	10.45	Ordinary	(179,052)	(179,052)
3-Feb-21	The Vanguard Group, Inc.	BUY	10.45	Ordinary	179,052	179,052
4-Feb-21	The Vanguard Group, Inc.	BUY	10.67	Ordinary	4,650	4,650
5-Feb-21	The Vanguard Group, Inc.	SELL	10.59	Ordinary	(11,916)	(11,916)
8-Feb-21	The Vanguard Group, Inc.	BUY	11.01	Ordinary	23,806	23,806
8-Feb-21	The Vanguard Group, Inc.	SELL	10.97	Ordinary	(1,139)	(1,139)
10-Feb-21	The Vanguard Group, Inc.	BUY	11.07	Ordinary	8,893	8,893
10-Feb-21	The Vanguard Group, Inc.	BUY	10.97	Ordinary	2,325	2,325
10-Feb-21	The Vanguard Group, Inc.	BUY	10.97	Ordinary	2,280	2,280
10-Feb-21	The Vanguard Group, Inc.	BUY	10.97	Ordinary	7,980	7,980
11-Feb-21	The Vanguard Group, Inc.	BUY	11.08	Ordinary	6,200	6,200
11-Feb-21	The Vanguard Group, Inc.	BUY	11.08	Ordinary	2,280	2,280
12-Feb-21	The Vanguard Group, Inc.	BUY	11.21	Ordinary	6,975	6,975
12-Feb-21	The Vanguard Group, Inc.	BUY	11.21	Ordinary	1,710	1,710
17-Feb-21	The Vanguard Group, Inc.	BUY	11.16	Ordinary	6,520	6,520
22-Feb-21	The Vanguard Group, Inc.	SELL	10.89	Ordinary	(1,830)	(1,830)
22-Feb-21	The Vanguard Group, Inc.	SELL	10.87	Ordinary	(10,660)	(10,660)
23-Feb-21	The Vanguard Group, Inc.	SELL	10.66	Ordinary	(2,927)	(2,927)
24-Feb-21	The Vanguard Group, Inc.	BUY	10.36	Ordinary	240	240
24-Feb-21	The Vanguard Group, Inc.	SELL	10.46	Ordinary	(177,786)	(177,786)
24-Feb-21	The Vanguard Group, Inc.	BUY	10.46	Ordinary	177,786	177,786
25-Feb-21	The Vanguard Group, Inc.	BUY	10.25	Ordinary	172	172
26-Feb-21	The Vanguard Group, Inc.	SELL	9.90	Ordinary	(7,903)	(7,903)
1-Mar-21	The Vanguard Group, Inc.	BUY	9.75	Ordinary	242	242
3-Mar-21	The Vanguard Group, Inc.	BUY	9.68	Ordinary	3,223	3,223
3-Mar-21	The Vanguard Group, Inc.	BUY	9.67	Ordinary	7,056	7,056
3-Mar-21	The Vanguard Group, Inc.	SELL	9.60	Ordinary	(156,053)	(156,053)
3-Mar-21	The Vanguard Group, Inc.	BUY	9.60	Ordinary	156,053	156,053

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9-Mar-21	The Vanguard Group, Inc.	BUY	9.50	Ordinary	486	486
9-Mar-21	The Vanguard Group, Inc.	BUY	9.55	Ordinary	5,700	5,700
9-Mar-21	The Vanguard Group, Inc.	SELL	9.49	Ordinary	(22,310)	(22,310)
10-Mar-21	The Vanguard Group, Inc.	SELL	9.49	Ordinary	(29,306)	(29,306)
16-Mar-21	The Vanguard Group, Inc.	BUY	10.14	Ordinary	735	735
17-Mar-21	The Vanguard Group, Inc.	SELL	10.14	Ordinary	(917)	(917)
19-Mar-21	The Vanguard Group, Inc.	SELL	9.98	Ordinary	(3,097)	(3,097)
19-Mar-21	The Vanguard Group, Inc.	BUY	9.97	Ordinary	524	524
23-Mar-21	The Vanguard Group, Inc.	BUY	9.78	Ordinary	262	262
23-Mar-21	The Vanguard Group, Inc.	BUY	9.78	Ordinary	285	285
30-Mar-21	The Vanguard Group, Inc.	BUY	9.58	Ordinary	3,226	3,226
30-Mar-21	The Vanguard Group, Inc.	BUY	9.58	Ordinary	244	244
31-Mar-21	The Vanguard Group, Inc.	BUY	9.73	Ordinary	7,380	7,380
6-Apr-21	The Vanguard Group, Inc.	BUY	9.82	Ordinary	5,166	5,166
7-Apr-21	The Vanguard Group, Inc.	BUY	9.87	Ordinary	247	247
9-Apr-21	The Vanguard Group, Inc.	BUY	9.93	Ordinary	2,703	2,703
9-Apr-21	The Vanguard Group, Inc.	BUY	9.95	Ordinary	5,904	5,904
13-Apr-21	The Vanguard Group, Inc.	BUY	9.95	Ordinary	249	249
13-Apr-21	The Vanguard Group, Inc.	BUY	9.95	Ordinary	8,085	8,085
13-Apr-21	The Vanguard Group, Inc.	BUY	9.99	Ordinary	4,428	4,428
14-Apr-21	The Vanguard Group, Inc.	BUY	10.09	Ordinary	4,428	4,428
14-Apr-21	The Vanguard Group, Inc.	BUY	10.08	Ordinary	103,038	103,038
15-Apr-21	The Vanguard Group, Inc.	BUY	10.09	Ordinary	171	171
15-Apr-21	The Vanguard Group, Inc.	BUY	10.14	Ordinary	2,136	2,136
15-Apr-21	The Vanguard Group, Inc.	BUY	10.09	Ordinary	38,073	38,073
16-Apr-21	The Vanguard Group, Inc.	BUY	10.13	Ordinary	3,366	3,366
16-Apr-21	The Vanguard Group, Inc.	BUY	10.13	Ordinary	3,794	3,794
19-Apr-21	The Vanguard Group, Inc.	BUY	10.10	Ordinary	3,142	3,142
19-Apr-21	The Vanguard Group, Inc.	SELL	10.10	Ordinary	(539)	(539)
19-Apr-21	The Vanguard Group, Inc.	BUY	10.08	Ordinary	7,380	7,380
20-Apr-21	The Vanguard Group, Inc.	BUY	10.05	Ordinary	952	952
20-Apr-21	The Vanguard Group, Inc.	SELL	10.05	Ordinary	(13,790)	(13,790)
26-Apr-21	The Vanguard Group, Inc.	BUY	10.43	Ordinary	6,740	6,740
26-Apr-21	The Vanguard Group, Inc.	BUY	10.45	Ordinary	2,136	2,136
26-Apr-21	The Vanguard Group, Inc.	SELL	10.21	Ordinary	(6,936)	(6,936)
27-Apr-21	The Vanguard Group, Inc.	SELL	10.35	Ordinary	(518)	(518)
28-Apr-21	The Vanguard Group, Inc.	BUY	10.43	Ordinary	15,902	15,902
29-Apr-21	The Vanguard Group, Inc.	SELL	10.54	Ordinary	(458)	(458)
5-May-21	The Vanguard Group, Inc.	SELL	10.48	Ordinary	(9,277)	(9,277)
7-May-21	The Vanguard Group, Inc.	SELL	10.62	Ordinary	(647)	(647)
7-May-21	The Vanguard Group, Inc.	BUY	10.66	Ordinary	2,136	2,136
10-May-21	The Vanguard Group, Inc.	BUY	11.16	Ordinary	5,166	5,166
12-May-21	The Vanguard Group, Inc.	BUY	10.88	Ordinary	707	707
13-May-21	The Vanguard Group, Inc.	SELL	10.76	Ordinary	(5,874)	(5,874)
19-May-21	The Vanguard Group, Inc.	BUY	10.76	Ordinary	11,808	11,808
19-May-21	The Vanguard Group, Inc.	BUY	10.76	Ordinary	4,428	4,428
20-May-21	The Vanguard Group, Inc.	BUY	10.88	Ordinary	240	240
27-May-21	The Vanguard Group, Inc.	SELL	12.03	Ordinary	(12,049)	(12,049)
28-May-21	The Vanguard Group, Inc.	BUY	12.11	Ordinary	676	676
1-Jun-21	The Vanguard Group, Inc.	BUY	12.55	Ordinary	907	907
1-Jun-21	The Vanguard Group, Inc.	BUY	12.55	Ordinary	237	237
2-Jun-21	The Vanguard Group, Inc.	BUY	12.58	Ordinary	38,233	38,233
3-Jun-21	The Vanguard Group, Inc.	BUY	12.47	Ordinary	10,431	10,431
3-Jun-21	The Vanguard Group, Inc.	BUY	12.46	Ordinary	4,956	4,956
3-Jun-21	The Vanguard Group, Inc.	BUY	12.46	Ordinary	20	20
8-Jun-21	The Vanguard Group, Inc.	BUY	12.61	Ordinary	238	238
8-Jun-21	The Vanguard Group, Inc.	BUY	12.61	Ordinary	2,758	2,758
10-Jun-21	The Vanguard Group, Inc.	BUY	12.55	Ordinary	7,319	7,319
15-Jun-21	The Vanguard Group, Inc.	BUY	12.59	Ordinary	232	232
15-Jun-21	The Vanguard Group, Inc.	SELL	12.63	Ordinary	(8,140)	(8,140)
15-Jun-21	The Vanguard Group, Inc.	BUY	12.58	Ordinary	40	40
16-Jun-21	The Vanguard Group, Inc.	BUY	12.53	Ordinary	2,776	2,776
16-Jun-21	The Vanguard Group, Inc.	SELL	12.48	Ordinary	(12,673)	(12,673)
17-Jun-21	The Vanguard Group, Inc.	BUY	12.49	Ordinary	6,940	6,940
18-Jun-21	The Vanguard Group, Inc.	SELL	12.48	Ordinary	(173)	(173)
18-Jun-21	The Vanguard Group, Inc.	SELL	12.48	Ordinary	(2,055)	(2,055)
18-Jun-21	The Vanguard Group, Inc.	SELL	12.48	Ordinary	(1,544)	(1,544)
18-Jun-21	The Vanguard Group, Inc.	BUY	12.48	Ordinary	29,035	29,035
18-Jun-21	The Vanguard Group, Inc.	BUY	12.48	Ordinary	15,327	15,327
18-Jun-21	The Vanguard Group, Inc.	SELL	12.48	Ordinary	(99,415)	(99,415)

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21-Jun-21	The Vanguard Group, Inc.	SELL	12.41	Ordinary	(7,374)	(7,374)
22-Jun-21	The Vanguard Group, Inc.	BUY	12.83	Ordinary	251	251
22-Jun-21	The Vanguard Group, Inc.	BUY	12.84	Ordinary	4,122	4,122
23-Jun-21	The Vanguard Group, Inc.	BUY	13.11	Ordinary	588	588
23-Jun-21	The Vanguard Group, Inc.	SELL	12.79	Ordinary	(15,952)	(15,952)
24-Jun-21	The Vanguard Group, Inc.	BUY	12.83	Ordinary	5,496	5,496
29-Jun-21	The Vanguard Group, Inc.	BUY	12.88	Ordinary	456	456
30-Jun-21	The Vanguard Group, Inc.	BUY	13.03	Ordinary	3,400	3,400
1-Jul-21	The Vanguard Group, Inc.	BUY	12.92	Ordinary	6,120	6,120
2-Jul-21	The Vanguard Group, Inc.	BUY	13.05	Ordinary	1,662	1,662
2-Jul-21	The Vanguard Group, Inc.	BUY	13.05	Ordinary	236	236
5-Jul-21	The Vanguard Group, Inc.	BUY	13.04	Ordinary	904	904
6-Jul-21	The Vanguard Group, Inc.	BUY	12.81	Ordinary	4,080	4,080
7-Jul-21	The Vanguard Group, Inc.	BUY	12.85	Ordinary	20,367	20,367
9-Jul-21	The Vanguard Group, Inc.	BUY	12.50	Ordinary	5,440	5,440
9-Jul-21	The Vanguard Group, Inc.	SELL	12.32	Ordinary	(41,794)	(41,794)
12-Jul-21	The Vanguard Group, Inc.	BUY	12.31	Ordinary	235	235
12-Jul-21	The Vanguard Group, Inc.	SELL	12.32	Ordinary	(31,485)	(31,485)
13-Jul-21	The Vanguard Group, Inc.	BUY	12.25	Ordinary	8,762	8,762
13-Jul-21	The Vanguard Group, Inc.	SELL	12.28	Ordinary	(17,963)	(17,963)
14-Jul-21	The Vanguard Group, Inc.	SELL	12.34	Ordinary	(37,156)	(37,156)
14-Jul-21	The Vanguard Group, Inc.	SELL	12.32	Ordinary	(18,676)	(18,676)
14-Jul-21	The Vanguard Group, Inc.	BUY	12.34	Ordinary	37,156	37,156
15-Jul-21	The Vanguard Group, Inc.	SELL	12.24	Ordinary	(4,264)	(4,264)
16-Jul-21	The Vanguard Group, Inc.	SELL	12.41	Ordinary	(104,944)	(104,944)
19-Jul-21	The Vanguard Group, Inc.	BUY	12.14	Ordinary	3,071	3,071
20-Jul-21	The Vanguard Group, Inc.	SELL	12.33	Ordinary	(37,536)	(37,536)
21-Jul-21	The Vanguard Group, Inc.	BUY	12.49	Ordinary	8,088	8,088
21-Jul-21	The Vanguard Group, Inc.	SELL	12.41	Ordinary	(24,117)	(24,117)
22-Jul-21	The Vanguard Group, Inc.	SELL	12.41	Ordinary	(2,670)	(2,670)
22-Jul-21	The Vanguard Group, Inc.	SELL	12.44	Ordinary	(21,086)	(21,086)
23-Jul-21	The Vanguard Group, Inc.	BUY	12.46	Ordinary	2,589	2,589
26-Jul-21	The Vanguard Group, Inc.	BUY	12.42	Ordinary	11,203	11,203
27-Jul-21	The Vanguard Group, Inc.	SELL	12.52	Ordinary	(11,127)	(11,127)
27-Jul-21	The Vanguard Group, Inc.	BUY	12.51	Ordinary	21,843	21,843
27-Jul-21	The Vanguard Group, Inc.	BUY	12.52	Ordinary	11,127	11,127
28-Jul-21	The Vanguard Group, Inc.	BUY	12.62	Ordinary	2,709	2,709
29-Jul-21	The Vanguard Group, Inc.	SELL	13.00	Ordinary	(2,936)	(2,936)
29-Jul-21	The Vanguard Group, Inc.	BUY	13.03	Ordinary	4,272	4,272
30-Jul-21	The Vanguard Group, Inc.	BUY	12.74	Ordinary	904	904
2-Aug-21	The Vanguard Group, Inc.	BUY	12.48	Ordinary	2,670	2,670
5-Aug-21	The Vanguard Group, Inc.	BUY	12.86	Ordinary	25,610	25,610
6-Aug-21	The Vanguard Group, Inc.	SELL	13.10	Ordinary	(1,812)	(1,812)
10-Aug-21	The Vanguard Group, Inc.	BUY	12.83	Ordinary	1,442	1,442
11-Aug-21	The Vanguard Group, Inc.	BUY	12.94	Ordinary	412	412
16-Aug-21	The Vanguard Group, Inc.	BUY	12.62	Ordinary	2,636	2,636
16-Aug-21	The Vanguard Group, Inc.	BUY	12.62	Ordinary	6,590	6,590
16-Aug-21	The Vanguard Group, Inc.	SELL	12.65	Ordinary	(21,498)	(21,498)
18-Aug-21	The Vanguard Group, Inc.	SELL	12.70	Ordinary	(239)	(239)
18-Aug-21	The Vanguard Group, Inc.	BUY	12.59	Ordinary	824	824
19-Aug-21	The Vanguard Group, Inc.	BUY	12.83	Ordinary	5,340	5,340
19-Aug-21	The Vanguard Group, Inc.	BUY	12.83	Ordinary	618	618
20-Aug-21	The Vanguard Group, Inc.	BUY	12.84	Ordinary	3,295	3,295
23-Aug-21	The Vanguard Group, Inc.	BUY	12.88	Ordinary	2,636	2,636
23-Aug-21	The Vanguard Group, Inc.	BUY	12.88	Ordinary	3,954	3,954
23-Aug-21	The Vanguard Group, Inc.	BUY	12.88	Ordinary	2,136	2,136
23-Aug-21	The Vanguard Group, Inc.	BUY	12.88	Ordinary	3,204	3,204
23-Aug-21	The Vanguard Group, Inc.	BUY	12.88	Ordinary	412	412
24-Aug-21	The Vanguard Group, Inc.	BUY	12.90	Ordinary	3,098	3,098
25-Aug-21	The Vanguard Group, Inc.	BUY	12.80	Ordinary	1,087	1,087
25-Aug-21	The Vanguard Group, Inc.	BUY	12.80	Ordinary	21,649	21,649
26-Aug-21	The Vanguard Group, Inc.	BUY	12.79	Ordinary	27,341	27,341
27-Aug-21	The Vanguard Group, Inc.	BUY	12.71	Ordinary	2,636	2,636
2-Sep-21	The Vanguard Group, Inc.	BUY	12.83	Ordinary	6,664	6,664
2-Sep-21	The Vanguard Group, Inc.	BUY	12.81	Ordinary	24,463	24,463
3-Sep-21	The Vanguard Group, Inc.	BUY	12.70	Ordinary	412	412
7-Sep-21	The Vanguard Group, Inc.	BUY	12.95	Ordinary	239	239
10-Sep-21	The Vanguard Group, Inc.	BUY	12.86	Ordinary	236	236
10-Sep-21	The Vanguard Group, Inc.	BUY	12.86	Ordinary	12,333	12,333
13-Sep-21	The Vanguard Group, Inc.	SELL	12.72	Ordinary	(2,727)	(2,727)

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13-Sep-21	The Vanguard Group, Inc.	BUY	12.81	Ordinary	183	183
15-Sep-21	The Vanguard Group, Inc.	BUY	12.87	Ordinary	824	824
15-Sep-21	The Vanguard Group, Inc.	BUY	12.87	Ordinary	618	618
17-Sep-21	The Vanguard Group, Inc.	BUY	12.89	Ordinary	618	618
17-Sep-21	The Vanguard Group, Inc.	SELL	13.00	Ordinary	(8,734)	(8,734)
21-Sep-21	The Vanguard Group, Inc.	BUY	12.68	Ordinary	6,140	6,140
23-Sep-21	The Vanguard Group, Inc.	BUY	13.01	Ordinary	3,978	3,978
24-Sep-21	The Vanguard Group, Inc.	BUY	12.71	Ordinary	1,248	1,248
27-Sep-21	The Vanguard Group, Inc.	BUY	12.77	Ordinary	936	936
29-Sep-21	The Vanguard Group, Inc.	BUY	12.58	Ordinary	1,838	1,838
30-Sep-21	The Vanguard Group, Inc.	BUY	12.46	Ordinary	10,624	10,624
30-Sep-21	The Vanguard Group, Inc.	BUY	12.69	Ordinary	45,508	45,508
30-Sep-21	The Vanguard Group, Inc.	BUY	12.60	Ordinary	45	45
5-Oct-21	The Vanguard Group, Inc.	BUY	12.37	Ordinary	936	936
6-Oct-21	The Vanguard Group, Inc.	BUY	12.41	Ordinary	263	263
6-Oct-21	The Vanguard Group, Inc.	BUY	12.48	Ordinary	624	624
7-Oct-21	The Vanguard Group, Inc.	BUY	12.73	Ordinary	1,248	1,248
7-Oct-21	The Vanguard Group, Inc.	BUY	12.60	Ordinary	49	49
8-Oct-21	The Vanguard Group, Inc.	BUY	13.13	Ordinary	3,984	3,984
8-Oct-21	The Vanguard Group, Inc.	BUY	13.13	Ordinary	1,560	1,560
12-Oct-21	The Vanguard Group, Inc.	BUY	13.21	Ordinary	936	936
13-Oct-21	The Vanguard Group, Inc.	BUY	13.34	Ordinary	2,656	2,656
13-Oct-21	The Vanguard Group, Inc.	BUY	13.34	Ordinary	5,312	5,312
13-Oct-21	The Vanguard Group, Inc.	BUY	13.34	Ordinary	1,248	1,248
18-Oct-21	The Vanguard Group, Inc.	BUY	13.61	Ordinary	2,662	2,662
19-Oct-21	The Vanguard Group, Inc.	BUY	13.66	Ordinary	252	252
19-Oct-21	The Vanguard Group, Inc.	BUY	13.84	Ordinary	5,337	5,337
19-Oct-21	The Vanguard Group, Inc.	BUY	13.75	Ordinary	936	936
22-Oct-21	The Vanguard Group, Inc.	BUY	13.71	Ordinary	762	762
25-Oct-21	The Vanguard Group, Inc.	BUY	13.75	Ordinary	3,984	3,984
26-Oct-21	The Vanguard Group, Inc.	BUY	13.58	Ordinary	936	936
27-Oct-21	The Vanguard Group, Inc.	BUY	13.28	Ordinary	936	936
28-Oct-21	The Vanguard Group, Inc.	BUY	13.37	Ordinary	250	250
28-Oct-21	The Vanguard Group, Inc.	SELL	13.36	Ordinary	(28,983)	(28,983)
29-Oct-21	The Vanguard Group, Inc.	BUY	13.21	Ordinary	249	249
29-Oct-21	The Vanguard Group, Inc.	SELL	13.33	Ordinary	(2,575)	(2,575)
29-Oct-21	The Vanguard Group, Inc.	BUY	13.33	Ordinary	1,248	1,248
1-Nov-21	The Vanguard Group, Inc.	BUY	13.53	Ordinary	3,984	3,984
1-Nov-21	The Vanguard Group, Inc.	BUY	13.53	Ordinary	2,656	2,656
3-Nov-21	The Vanguard Group, Inc.	BUY	13.53	Ordinary	4,393	4,393
3-Nov-21	The Vanguard Group, Inc.	BUY	13.62	Ordinary	3,320	3,320
4-Nov-21	The Vanguard Group, Inc.	BUY	13.49	Ordinary	27,884	27,884
5-Nov-21	The Vanguard Group, Inc.	BUY	13.60	Ordinary	3,515	3,515
5-Nov-21	The Vanguard Group, Inc.	BUY	13.61	Ordinary	624	624
8-Nov-21	The Vanguard Group, Inc.	BUY	13.59	Ordinary	1,560	1,560
8-Nov-21	The Vanguard Group, Inc.	BUY	13.59	Ordinary	936	936
14-Dec-18	Vanguard Investments Australia Ltd.	SELL	7.08	Ordinary	(2,652)	(2,652)
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	6.63	Ordinary	27,992	27,992
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	6.63	Ordinary	26,660	26,660
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	6.63	Ordinary	18,579	18,579
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	6.63	Ordinary	7,475	7,475
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	6.63	Ordinary	16,155	16,155
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	6.63	Ordinary	38,734	38,734
21-Dec-18	Vanguard Investments Australia Ltd.	BUY	6.63	Ordinary	38,720	38,720
27-Dec-18	Vanguard Investments Australia Ltd.	BUY	6.82	Ordinary	2,658	2,658
31-Dec-18	Vanguard Investments Australia Ltd.	SELL	6.79	Ordinary	(4,704)	(4,704)
3-Jan-19	Vanguard Investments Australia Ltd.	BUY	6.68	Ordinary	12,734	12,734
4-Jan-19	Vanguard Investments Australia Ltd.	BUY	6.46	Ordinary	3,935	3,935
8-Jan-19	Vanguard Investments Australia Ltd.	BUY	6.86	Ordinary	4,360	4,360
11-Jan-19	Vanguard Investments Australia Ltd.	BUY	7.01	Ordinary	5,292	5,292
11-Jan-19	Vanguard Investments Australia Ltd.	BUY	7.02	Ordinary	18,241	18,241
14-Jan-19	Vanguard Investments Australia Ltd.	BUY	6.96	Ordinary	6,900	6,900
21-Jan-19	Vanguard Investments Australia Ltd.	SELL	7.14	Ordinary	(7,146)	(7,146)
29-Jan-19	Vanguard Investments Australia Ltd.	SELL	7.06	Ordinary	(19,721)	(19,721)
29-Jan-19	Vanguard Investments Australia Ltd.	BUY	7.06	Ordinary	18,335	18,335
30-Jan-19	Vanguard Investments Australia Ltd.	BUY	7.07	Ordinary	1,736	1,736
4-Feb-19	Vanguard Investments Australia Ltd.	BUY	7.37	Ordinary	18,524	18,524
5-Feb-19	Vanguard Investments Australia Ltd.	SELL	7.43	Ordinary	(30,380)	(30,380)
7-Feb-19	Vanguard Investments Australia Ltd.	BUY	7.67	Ordinary	9,200	9,200
12-Feb-19	Vanguard Investments Australia Ltd.	BUY	7.75	Ordinary	4,610	4,610

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13-Feb-19	Vanguard Investments Australia Ltd.	BUY	7.82	Ordinary	17,570	17,570
15-Feb-19	Vanguard Investments Australia Ltd.	SELL	7.82	Ordinary	(9,143)	(9,143)
19-Feb-19	Vanguard Investments Australia Ltd.	BUY	7.67	Ordinary	4,774	4,774
25-Feb-19	Vanguard Investments Australia Ltd.	BUY	8.09	Ordinary	14,355	14,355
26-Feb-19	Vanguard Investments Australia Ltd.	BUY	7.95	Ordinary	6,957	6,957
26-Feb-19	Vanguard Investments Australia Ltd.	BUY	7.95	Ordinary	4,340	4,340
28-Feb-19	Vanguard Investments Australia Ltd.	SELL	7.88	Ordinary	(5,183)	(5,183)
5-Mar-19	Vanguard Investments Australia Ltd.	BUY	8.02	Ordinary	27,776	27,776
6-Mar-19	Vanguard Investments Australia Ltd.	BUY	8.14	Ordinary	5,443	5,443
11-Mar-19	Vanguard Investments Australia Ltd.	SELL	8.00	Ordinary	(8,871)	(8,871)
12-Mar-19	Vanguard Investments Australia Ltd.	SELL	8.00	Ordinary	(18,872)	(18,872)
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	7.81	Ordinary	1,563	1,563
15-Mar-19	Vanguard Investments Australia Ltd.	BUY	7.83	Ordinary	12,270	12,270
15-Mar-19	Vanguard Investments Australia Ltd.	SELL	7.81	Ordinary	(4,218)	(4,218)
21-Mar-19	Vanguard Investments Australia Ltd.	BUY	7.67	Ordinary	18,434	18,434
1-Apr-19	Vanguard Investments Australia Ltd.	SELL	7.83	Ordinary	(24,932)	(24,932)
1-Apr-19	Vanguard Investments Australia Ltd.	BUY	7.83	Ordinary	18,648	18,648
2-Apr-19	Vanguard Investments Australia Ltd.	BUY	7.98	Ordinary	22,014	22,014
2-Apr-19	Vanguard Investments Australia Ltd.	BUY	7.98	Ordinary	2,975	2,975
8-Apr-19	Vanguard Investments Australia Ltd.	BUY	7.92	Ordinary	3,400	3,400
9-Apr-19	Vanguard Investments Australia Ltd.	BUY	7.95	Ordinary	150,924	150,924
16-Apr-19	Vanguard Investments Australia Ltd.	BUY	8.23	Ordinary	23,884	23,884
30-Apr-19	Vanguard Investments Australia Ltd.	BUY	7.94	Ordinary	5,124	5,124
1-May-19	Vanguard Investments Australia Ltd.	BUY	8.12	Ordinary	2,314	2,314
1-May-19	Vanguard Investments Australia Ltd.	BUY	8.09	Ordinary	19,485	19,485
1-May-19	Vanguard Investments Australia Ltd.	BUY	8.12	Ordinary	3,139	3,139
1-May-19	Vanguard Investments Australia Ltd.	BUY	8.09	Ordinary	26,390	26,390
7-May-19	Vanguard Investments Australia Ltd.	SELL	7.94	Ordinary	(2,777)	(2,777)
10-May-19	Vanguard Investments Australia Ltd.	BUY	8.09	Ordinary	4,673	4,673
10-May-19	Vanguard Investments Australia Ltd.	BUY	8.09	Ordinary	3,628	3,628
10-May-19	Vanguard Investments Australia Ltd.	BUY	8.04	Ordinary	3,663	3,663
16-May-19	Vanguard Investments Australia Ltd.	BUY	8.18	Ordinary	18,063	18,063
17-May-19	Vanguard Investments Australia Ltd.	BUY	8.17	Ordinary	4,170	4,170
21-May-19	Vanguard Investments Australia Ltd.	BUY	7.54	Ordinary	4,170	4,170
27-May-19	Vanguard Investments Australia Ltd.	SELL	7.18	Ordinary	(9,826)	(9,826)
28-May-19	Vanguard Investments Australia Ltd.	SELL	7.23	Ordinary	(16,138)	(16,138)
28-May-19	Vanguard Investments Australia Ltd.	BUY	7.22	Ordinary	4,850	4,850
29-May-19	Vanguard Investments Australia Ltd.	SELL	7.10	Ordinary	(17,026)	(17,026)
29-May-19	Vanguard Investments Australia Ltd.	BUY	7.15	Ordinary	4,428	4,428
30-May-19	Vanguard Investments Australia Ltd.	BUY	7.13	Ordinary	33,252	33,252
3-Jun-19	Vanguard Investments Australia Ltd.	SELL	6.67	Ordinary	(14,973)	(14,973)
3-Jun-19	Vanguard Investments Australia Ltd.	SELL	6.67	Ordinary	(4,417)	(4,417)
4-Jun-19	Vanguard Investments Australia Ltd.	BUY	6.66	Ordinary	4,850	4,850
6-Jun-19	Vanguard Investments Australia Ltd.	BUY	6.59	Ordinary	5,820	5,820
7-Jun-19	Vanguard Investments Australia Ltd.	BUY	6.59	Ordinary	22,710	22,710
12-Jun-19	Vanguard Investments Australia Ltd.	BUY	6.90	Ordinary	14,948	14,948
17-Jun-19	Vanguard Investments Australia Ltd.	BUY	7.01	Ordinary	4,426	4,426
17-Jun-19	Vanguard Investments Australia Ltd.	BUY	7.01	Ordinary	3,688	3,688
20-Jun-19	Vanguard Investments Australia Ltd.	SELL	7.20	Ordinary	(18,119)	(18,119)
21-Jun-19	Vanguard Investments Australia Ltd.	BUY	7.26	Ordinary	2,766	2,766
25-Jun-19	Vanguard Investments Australia Ltd.	BUY	7.14	Ordinary	4,448	4,448
27-Jun-19	Vanguard Investments Australia Ltd.	SELL	7.40	Ordinary	(5,415)	(5,415)
27-Jun-19	Vanguard Investments Australia Ltd.	BUY	7.40	Ordinary	3,402	3,402
28-Jun-19	Vanguard Investments Australia Ltd.	SELL	7.34	Ordinary	(5,092)	(5,092)
2-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.70	Ordinary	5,640	5,640
5-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.88	Ordinary	24,910	24,910
8-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.69	Ordinary	2,820	2,820
9-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.61	Ordinary	2,820	2,820
11-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.51	Ordinary	2,856	2,856
15-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	20,592	20,592
16-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.22	Ordinary	13,569	13,569
16-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.17	Ordinary	5,712	5,712
18-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.04	Ordinary	6,564	6,564
22-Jul-19	Vanguard Investments Australia Ltd.	SELL	7.33	Ordinary	(293,327)	(293,327)
24-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.47	Ordinary	21,919	21,919
30-Jul-19	Vanguard Investments Australia Ltd.	BUY	7.44	Ordinary	5,236	5,236
1-Aug-19	Vanguard Investments Australia Ltd.	SELL	7.01	Ordinary	(5,126)	(5,126)
5-Aug-19	Vanguard Investments Australia Ltd.	BUY	6.79	Ordinary	4,370	4,370
6-Aug-19	Vanguard Investments Australia Ltd.	BUY	6.81	Ordinary	6,039	6,039
6-Aug-19	Vanguard Investments Australia Ltd.	BUY	6.81	Ordinary	4,320	4,320

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
6-Aug-19	Vanguard Investments Australia Ltd.	BUY	6.81	Ordinary	4,320	4,320
8-Aug-19	Vanguard Investments Australia Ltd.	BUY	7.15	Ordinary	5,269	5,269
9-Aug-19	Vanguard Investments Australia Ltd.	BUY	7.18	Ordinary	11,085	11,085
12-Aug-19	Vanguard Investments Australia Ltd.	BUY	7.54	Ordinary	5,302	5,302
13-Aug-19	Vanguard Investments Australia Ltd.	BUY	7.52	Ordinary	27,537	27,537
20-Aug-19	Vanguard Investments Australia Ltd.	BUY	7.73	Ordinary	32,232	32,232
27-Aug-19	Vanguard Investments Australia Ltd.	BUY	7.61	Ordinary	190,846	190,846
27-Aug-19	Vanguard Investments Australia Ltd.	BUY	7.61	Ordinary	3,759	3,759
28-Aug-19	Vanguard Investments Australia Ltd.	BUY	7.67	Ordinary	12,584	12,584
29-Aug-19	Vanguard Investments Australia Ltd.	SELL	7.63	Ordinary	(8,972)	(8,972)
30-Aug-19	Vanguard Investments Australia Ltd.	BUY	7.67	Ordinary	12,958	12,958
2-Sep-19	Vanguard Investments Australia Ltd.	BUY	7.76	Ordinary	4,488	4,488
2-Sep-19	Vanguard Investments Australia Ltd.	BUY	7.76	Ordinary	10,890	10,890
3-Sep-19	Vanguard Investments Australia Ltd.	BUY	7.78	Ordinary	32,995	32,995
4-Sep-19	Vanguard Investments Australia Ltd.	BUY	7.73	Ordinary	15,592	15,592
5-Sep-19	Vanguard Investments Australia Ltd.	BUY	7.92	Ordinary	4,012	4,012
5-Sep-19	Vanguard Investments Australia Ltd.	BUY	7.92	Ordinary	20,669	20,669
10-Sep-19	Vanguard Investments Australia Ltd.	BUY	8.02	Ordinary	13,152	13,152
10-Sep-19	Vanguard Investments Australia Ltd.	BUY	8.02	Ordinary	6,756	6,756
13-Sep-19	Vanguard Investments Australia Ltd.	BUY	8.18	Ordinary	5,445	5,445
13-Sep-19	Vanguard Investments Australia Ltd.	SELL	8.18	Ordinary	(6,057)	(6,057)
17-Sep-19	Vanguard Investments Australia Ltd.	BUY	8.14	Ordinary	9,538	9,538
20-Sep-19	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	5,040	5,040
23-Sep-19	Vanguard Investments Australia Ltd.	BUY	8.12	Ordinary	7,485	7,485
25-Sep-19	Vanguard Investments Australia Ltd.	BUY	8.10	Ordinary	7,014	7,014
27-Sep-19	Vanguard Investments Australia Ltd.	BUY	8.14	Ordinary	6,762	6,762
27-Sep-19	Vanguard Investments Australia Ltd.	BUY	8.14	Ordinary	6,012	6,012
2-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.00	Ordinary	12,533	12,533
2-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.10	Ordinary	9,424	9,424
2-Oct-19	Vanguard Investments Australia Ltd.	SELL	8.10	Ordinary	(11,904)	(11,904)
4-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.00	Ordinary	8,398	8,398
7-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.15	Ordinary	22,371	22,371
11-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.21	Ordinary	9,008	9,008
11-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.21	Ordinary	9,008	9,008
11-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.21	Ordinary	3,976	3,976
14-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.33	Ordinary	63,261	63,261
16-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.17	Ordinary	74,967	74,967
18-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.07	Ordinary	31,528	31,528
18-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.07	Ordinary	4,980	4,980
21-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.13	Ordinary	12,405	12,405
22-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.26	Ordinary	5,000	5,000
23-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.09	Ordinary	12,107	12,107
28-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.12	Ordinary	5,080	5,080
30-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.15	Ordinary	15,160	15,160
31-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.07	Ordinary	7,958	7,958
31-Oct-19	Vanguard Investments Australia Ltd.	BUY	8.07	Ordinary	12,312	12,312
31-Oct-19	Vanguard Investments Australia Ltd.	SELL	8.07	Ordinary	(6,156)	(6,156)
1-Nov-19	Vanguard Investments Australia Ltd.	SELL	8.14	Ordinary	(61,755)	(61,755)
1-Nov-19	Vanguard Investments Australia Ltd.	SELL	8.15	Ordinary	(7,243)	(7,243)
1-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.15	Ordinary	8,674	8,674
4-Nov-19	Vanguard Investments Australia Ltd.	SELL	8.21	Ordinary	(79,667)	(79,667)
4-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.19	Ordinary	16,365	16,365
5-Nov-19	Vanguard Investments Australia Ltd.	SELL	8.24	Ordinary	(20,504)	(20,504)
5-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.24	Ordinary	6,156	6,156
11-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.19	Ordinary	8,996	8,996
11-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.19	Ordinary	17,992	17,992
11-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.19	Ordinary	15,743	15,743
11-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.19	Ordinary	10,371	10,371
12-Nov-19	Vanguard Investments Australia Ltd.	SELL	8.21	Ordinary	(3,053)	(3,053)
12-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.21	Ordinary	5,676	5,676
13-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.21	Ordinary	6,768	6,768
13-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.21	Ordinary	1,536	1,536
19-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.08	Ordinary	18,016	18,016
19-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.08	Ordinary	11,260	11,260
19-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.08	Ordinary	6,656	6,656
20-Nov-19	Vanguard Investments Australia Ltd.	SELL	9.06	Ordinary	(36,449)	(36,449)
20-Nov-19	Vanguard Investments Australia Ltd.	BUY	9.06	Ordinary	3,612	3,612
21-Nov-19	Vanguard Investments Australia Ltd.	SELL	8.91	Ordinary	(4,430)	(4,430)
21-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.91	Ordinary	10,836	10,836
22-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.72	Ordinary	9,737	9,737

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25-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.58	Ordinary	20,205	20,205
25-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.58	Ordinary	11,225	11,225
25-Nov-19	Vanguard Investments Australia Ltd.	BUY	8.58	Ordinary	9,356	9,356
26-Nov-19	Vanguard Investments Australia Ltd.	SELL	8.79	Ordinary	(10,627)	(10,627)
26-Nov-19	Vanguard Investments Australia Ltd.	SELL	8.79	Ordinary	(26,947)	(26,947)
29-Nov-19	Vanguard Investments Australia Ltd.	BUY	9.05	Ordinary	6,024	6,024
2-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.01	Ordinary	24,012	24,012
4-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.00	Ordinary	11,088	11,088
6-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.04	Ordinary	25,265	25,265
9-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.03	Ordinary	6,144	6,144
11-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.43	Ordinary	9,426	9,426
11-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.43	Ordinary	7,692	7,692
13-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.14	Ordinary	5,140	5,140
16-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.32	Ordinary	6,456	6,456
18-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.56	Ordinary	7,266	7,266
20-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.41	Ordinary	7,133	7,133
20-Dec-19	Vanguard Investments Australia Ltd.	SELL	9.40	Ordinary	(3,178)	(3,178)
27-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.37	Ordinary	4,296	4,296
30-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.32	Ordinary	12,454	12,454
30-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.35	Ordinary	4,136	4,136
30-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.33	Ordinary	14,180	14,180
31-Dec-19	Vanguard Investments Australia Ltd.	SELL	9.18	Ordinary	(6,465)	(6,465)
31-Dec-19	Vanguard Investments Australia Ltd.	BUY	9.18	Ordinary	2,595	2,595
2-Jan-20	Vanguard Investments Australia Ltd.	BUY	9.11	Ordinary	6,192	6,192
3-Jan-20	Vanguard Investments Australia Ltd.	SELL	9.15	Ordinary	(32,823)	(32,823)
7-Jan-20	Vanguard Investments Australia Ltd.	BUY	9.26	Ordinary	3,108	3,108
8-Jan-20	Vanguard Investments Australia Ltd.	BUY	9.26	Ordinary	7,770	7,770
9-Jan-20	Vanguard Investments Australia Ltd.	SELL	9.38	Ordinary	(4,152)	(4,152)
13-Jan-20	Vanguard Investments Australia Ltd.	BUY	9.41	Ordinary	6,336	6,336
13-Jan-20	Vanguard Investments Australia Ltd.	BUY	9.41	Ordinary	7,770	7,770
14-Jan-20	Vanguard Investments Australia Ltd.	BUY	9.34	Ordinary	15,941	15,941
14-Jan-20	Vanguard Investments Australia Ltd.	BUY	9.37	Ordinary	6,336	6,336
15-Jan-20	Vanguard Investments Australia Ltd.	BUY	9.59	Ordinary	21,450	21,450
21-Jan-20	Vanguard Investments Australia Ltd.	BUY	9.61	Ordinary	7,725	7,725
30-Jan-20	Vanguard Investments Australia Ltd.	BUY	9.65	Ordinary	7,650	7,650
3-Feb-20	Vanguard Investments Australia Ltd.	SELL	9.53	Ordinary	(3,933)	(3,933)
3-Feb-20	Vanguard Investments Australia Ltd.	SELL	9.55	Ordinary	(2,987)	(2,987)
7-Feb-20	Vanguard Investments Australia Ltd.	BUY	9.52	Ordinary	5,080	5,080
10-Feb-20	Vanguard Investments Australia Ltd.	BUY	9.51	Ordinary	8,053	8,053
11-Feb-20	Vanguard Investments Australia Ltd.	BUY	9.66	Ordinary	10,140	10,140
11-Feb-20	Vanguard Investments Australia Ltd.	BUY	9.65	Ordinary	20,007	20,007
17-Feb-20	Vanguard Investments Australia Ltd.	SELL	9.75	Ordinary	(9,118)	(9,118)
26-Feb-20	Vanguard Investments Australia Ltd.	BUY	8.70	Ordinary	8,304	8,304
27-Feb-20	Vanguard Investments Australia Ltd.	BUY	8.73	Ordinary	39,687	39,687
28-Feb-20	Vanguard Investments Australia Ltd.	SELL	8.36	Ordinary	(13,115)	(13,115)
28-Feb-20	Vanguard Investments Australia Ltd.	SELL	8.37	Ordinary	(5,931)	(5,931)
28-Feb-20	Vanguard Investments Australia Ltd.	BUY	8.36	Ordinary	7,710	7,710
2-Mar-20	Vanguard Investments Australia Ltd.	BUY	8.29	Ordinary	6,276	6,276
3-Mar-20	Vanguard Investments Australia Ltd.	BUY	8.42	Ordinary	13,878	13,878
4-Mar-20	Vanguard Investments Australia Ltd.	BUY	8.03	Ordinary	13,489	13,489
4-Mar-20	Vanguard Investments Australia Ltd.	BUY	8.03	Ordinary	8,738	8,738
5-Mar-20	Vanguard Investments Australia Ltd.	BUY	8.18	Ordinary	4,344	4,344
6-Mar-20	Vanguard Investments Australia Ltd.	SELL	7.77	Ordinary	(11,668)	(11,668)
9-Mar-20	Vanguard Investments Australia Ltd.	BUY	7.13	Ordinary	18,200	18,200
9-Mar-20	Vanguard Investments Australia Ltd.	BUY	7.13	Ordinary	19,381	19,381
10-Mar-20	Vanguard Investments Australia Ltd.	BUY	7.37	Ordinary	24,189	24,189
11-Mar-20	Vanguard Investments Australia Ltd.	BUY	6.86	Ordinary	10,460	10,460
11-Mar-20	Vanguard Investments Australia Ltd.	BUY	6.86	Ordinary	13,075	13,075
12-Mar-20	Vanguard Investments Australia Ltd.	SELL	6.30	Ordinary	(5,397)	(5,397)
12-Mar-20	Vanguard Investments Australia Ltd.	BUY	6.30	Ordinary	8,874	8,874
12-Mar-20	Vanguard Investments Australia Ltd.	BUY	6.30	Ordinary	15,660	15,660
12-Mar-20	Vanguard Investments Australia Ltd.	BUY	6.30	Ordinary	49,034	49,034
13-Mar-20	Vanguard Investments Australia Ltd.	BUY	6.29	Ordinary	15,660	15,660
13-Mar-20	Vanguard Investments Australia Ltd.	BUY	6.29	Ordinary	29,745	29,745
16-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.52	Ordinary	18,270	18,270
17-Mar-20	Vanguard Investments Australia Ltd.	SELL	5.25	Ordinary	(18,070)	(18,070)
17-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.25	Ordinary	13,175	13,175
18-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	15,900	15,900
18-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.91	Ordinary	19,763	19,763
19-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.90	Ordinary	12,282	12,282

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20-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.35	Ordinary	16,616	16,616
23-Mar-20	Vanguard Investments Australia Ltd.	BUY	4.93	Ordinary	7,420	7,420
26-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.11	Ordinary	7,725	7,725
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.38	Ordinary	21,526	21,526
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.38	Ordinary	3,679	3,679
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.38	Ordinary	5,501	5,501
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.38	Ordinary	21,526	21,526
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.38	Ordinary	3,699	3,699
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.38	Ordinary	17,606	17,606
27-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.39	Ordinary	12,925	12,925
27-Mar-20	Vanguard Investments Australia Ltd.	SELL	5.39	Ordinary	(13,959)	(13,959)
31-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.56	Ordinary	63,668	63,668
31-Mar-20	Vanguard Investments Australia Ltd.	SELL	5.56	Ordinary	(57,814)	(57,814)
31-Mar-20	Vanguard Investments Australia Ltd.	BUY	5.56	Ordinary	10,340	10,340
1-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.15	Ordinary	6,591	6,591
2-Apr-20	Vanguard Investments Australia Ltd.	BUY	5.84	Ordinary	7,620	7,620
3-Apr-20	Vanguard Investments Australia Ltd.	BUY	5.64	Ordinary	3,688	3,688
7-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.03	Ordinary	17,815	17,815
8-Apr-20	Vanguard Investments Australia Ltd.	BUY	5.96	Ordinary	16,586	16,586
9-Apr-20	Vanguard Investments Australia Ltd.	SELL	6.18	Ordinary	(26,232)	(26,232)
9-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.18	Ordinary	17,340	17,340
14-Apr-20	Vanguard Investments Australia Ltd.	SELL	6.30	Ordinary	(26,855)	(26,855)
14-Apr-20	Vanguard Investments Australia Ltd.	SELL	6.30	Ordinary	(5,950)	(5,950)
15-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.41	Ordinary	10,320	10,320
21-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.37	Ordinary	2,993	2,993
21-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.00	Ordinary	10,320	10,320
21-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.00	Ordinary	8,772	8,772
22-Apr-20	Vanguard Investments Australia Ltd.	SELL	5.98	Ordinary	(53,187)	(53,187)
23-Apr-20	Vanguard Investments Australia Ltd.	SELL	5.99	Ordinary	(56,641)	(56,641)
23-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.02	Ordinary	7,665	7,665
28-Apr-20	Vanguard Investments Australia Ltd.	SELL	6.62	Ordinary	(5,873)	(5,873)
28-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.62	Ordinary	9,252	9,252
29-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.77	Ordinary	6,222	6,222
30-Apr-20	Vanguard Investments Australia Ltd.	SELL	6.81	Ordinary	(14,771)	(14,771)
30-Apr-20	Vanguard Investments Australia Ltd.	BUY	6.81	Ordinary	8,296	8,296
1-May-20	Vanguard Investments Australia Ltd.	BUY	6.65	Ordinary	7,650	7,650
1-May-20	Vanguard Investments Australia Ltd.	BUY	6.65	Ordinary	10,200	10,200
4-May-20	Vanguard Investments Australia Ltd.	BUY	6.59	Ordinary	14,364	14,364
8-May-20	Vanguard Investments Australia Ltd.	BUY	6.40	Ordinary	522	522
12-May-20	Vanguard Investments Australia Ltd.	BUY	6.37	Ordinary	7,322	7,322
13-May-20	Vanguard Investments Australia Ltd.	SELL	6.26	Ordinary	(5,119)	(5,119)
13-May-20	Vanguard Investments Australia Ltd.	BUY	6.26	Ordinary	7,845	7,845
19-May-20	Vanguard Investments Australia Ltd.	BUY	6.60	Ordinary	10,560	10,560
20-May-20	Vanguard Investments Australia Ltd.	BUY	7.00	Ordinary	6,174	6,174
20-May-20	Vanguard Investments Australia Ltd.	BUY	7.00	Ordinary	8,496	8,496
22-May-20	Vanguard Investments Australia Ltd.	BUY	6.90	Ordinary	6,336	6,336
25-May-20	Vanguard Investments Australia Ltd.	BUY	7.10	Ordinary	5,280	5,280
26-May-20	Vanguard Investments Australia Ltd.	SELL	7.05	Ordinary	(15,405)	(15,405)
26-May-20	Vanguard Investments Australia Ltd.	BUY	7.05	Ordinary	55,403	55,403
26-May-20	Vanguard Investments Australia Ltd.	BUY	7.05	Ordinary	7,920	7,920
27-May-20	Vanguard Investments Australia Ltd.	BUY	7.19	Ordinary	53,950	53,950
28-May-20	Vanguard Investments Australia Ltd.	SELL	7.33	Ordinary	(740)	(740)
29-May-20	Vanguard Investments Australia Ltd.	SELL	7.15	Ordinary	(8,927)	(8,927)
29-May-20	Vanguard Investments Australia Ltd.	BUY	7.15	Ordinary	7,800	7,800
1-Jun-20	Vanguard Investments Australia Ltd.	BUY	7.05	Ordinary	9,109	9,109
2-Jun-20	Vanguard Investments Australia Ltd.	SELL	7.28	Ordinary	(14,184)	(14,184)
5-Jun-20	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	6,300	6,300
5-Jun-20	Vanguard Investments Australia Ltd.	BUY	7.23	Ordinary	7,875	7,875
10-Jun-20	Vanguard Investments Australia Ltd.	SELL	7.37	Ordinary	(26,171)	(26,171)
11-Jun-20	Vanguard Investments Australia Ltd.	BUY	7.01	Ordinary	7,860	7,860
15-Jun-20	Vanguard Investments Australia Ltd.	BUY	6.68	Ordinary	10,580	10,580
16-Jun-20	Vanguard Investments Australia Ltd.	BUY	6.80	Ordinary	5,290	5,290
17-Jun-20	Vanguard Investments Australia Ltd.	BUY	6.87	Ordinary	7,935	7,935
19-Jun-20	Vanguard Investments Australia Ltd.	SELL	6.91	Ordinary	(774)	(774)
19-Jun-20	Vanguard Investments Australia Ltd.	SELL	6.91	Ordinary	(17,077)	(17,077)
19-Jun-20	Vanguard Investments Australia Ltd.	BUY	6.87	Ordinary	1,056	1,056
22-Jun-20	Vanguard Investments Australia Ltd.	SELL	6.74	Ordinary	(3,988)	(3,988)
23-Jun-20	Vanguard Investments Australia Ltd.	SELL	6.93	Ordinary	(8,636)	(8,636)
24-Jun-20	Vanguard Investments Australia Ltd.	SELL	6.84	Ordinary	(11,544)	(11,544)
25-Jun-20	Vanguard Investments Australia Ltd.	BUY	6.58	Ordinary	11,638	11,638

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30-Jun-20	Vanguard Investments Australia Ltd.	SELL	6.56	Ordinary	(28,175)	(28,175)
3-Jul-20	Vanguard Investments Australia Ltd.	SELL	6.69	Ordinary	(8,801)	(8,801)
8-Jul-20	Vanguard Investments Australia Ltd.	SELL	6.87	Ordinary	(334,185)	(334,185)
16-Jul-20	Vanguard Investments Australia Ltd.	SELL	7.30	Ordinary	(4,554)	(4,554)
21-Jul-20	Vanguard Investments Australia Ltd.	SELL	7.87	Ordinary	(42,625)	(42,625)
30-Jul-20	Vanguard Investments Australia Ltd.	BUY	8.83	Ordinary	6,461	6,461
5-Aug-20	Vanguard Investments Australia Ltd.	BUY	8.80	Ordinary	7,380	7,380
7-Aug-20	Vanguard Investments Australia Ltd.	BUY	9.05	Ordinary	9,880	9,880
12-Aug-20	Vanguard Investments Australia Ltd.	SELL	8.94	Ordinary	(1,111)	(1,111)
12-Aug-20	Vanguard Investments Australia Ltd.	SELL	8.94	Ordinary	(32,740)	(32,740)
12-Aug-20	Vanguard Investments Australia Ltd.	BUY	8.94	Ordinary	32,740	32,740
12-Aug-20	Vanguard Investments Australia Ltd.	BUY	8.94	Ordinary	16,173	16,173
17-Aug-20	Vanguard Investments Australia Ltd.	SELL	8.85	Ordinary	(4,064)	(4,064)
21-Aug-20	Vanguard Investments Australia Ltd.	BUY	8.94	Ordinary	7,880	7,880
25-Aug-20	Vanguard Investments Australia Ltd.	BUY	9.15	Ordinary	7,590	7,590
31-Aug-20	Vanguard Investments Australia Ltd.	SELL	8.75	Ordinary	(20,794)	(20,794)
1-Sep-20	Vanguard Investments Australia Ltd.	BUY	8.68	Ordinary	208,124	208,124
1-Sep-20	Vanguard Investments Australia Ltd.	BUY	8.68	Ordinary	8,272	8,272
1-Sep-20	Vanguard Investments Australia Ltd.	BUY	8.68	Ordinary	1,537	1,537
2-Sep-20	Vanguard Investments Australia Ltd.	BUY	8.89	Ordinary	7,903	7,903
4-Sep-20	Vanguard Investments Australia Ltd.	BUY	8.89	Ordinary	1,402	1,402
7-Sep-20	Vanguard Investments Australia Ltd.	BUY	8.70	Ordinary	6,708	6,708
8-Sep-20	Vanguard Investments Australia Ltd.	BUY	8.74	Ordinary	3,264	3,264
9-Sep-20	Vanguard Investments Australia Ltd.	BUY	8.74	Ordinary	9,252	9,252
16-Sep-20	Vanguard Investments Australia Ltd.	BUY	9.39	Ordinary	2,530	2,530
18-Sep-20	Vanguard Investments Australia Ltd.	SELL	9.09	Ordinary	(22,322)	(22,322)
18-Sep-20	Vanguard Investments Australia Ltd.	BUY	9.08	Ordinary	4,032	4,032
18-Sep-20	Vanguard Investments Australia Ltd.	BUY	9.08	Ordinary	2,520	2,520
18-Sep-20	Vanguard Investments Australia Ltd.	SELL	9.09	Ordinary	(1,364)	(1,364)
21-Sep-20	Vanguard Investments Australia Ltd.	BUY	9.05	Ordinary	1,527	1,527
24-Sep-20	Vanguard Investments Australia Ltd.	SELL	9.20	Ordinary	(7,844)	(7,844)
24-Sep-20	Vanguard Investments Australia Ltd.	BUY	9.20	Ordinary	1,633	1,633
25-Sep-20	Vanguard Investments Australia Ltd.	BUY	9.12	Ordinary	5,100	5,100
28-Sep-20	Vanguard Investments Australia Ltd.	BUY	9.34	Ordinary	5,886	5,886
29-Sep-20	Vanguard Investments Australia Ltd.	BUY	9.44	Ordinary	1,533	1,533
30-Sep-20	Vanguard Investments Australia Ltd.	BUY	9.21	Ordinary	5,100	5,100
2-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.39	Ordinary	532	532
5-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.64	Ordinary	7,635	7,635
6-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.36	Ordinary	9,368	9,368
6-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.30	Ordinary	5,100	5,100
7-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.49	Ordinary	5,886	5,886
8-Oct-20	Vanguard Investments Australia Ltd.	SELL	9.62	Ordinary	(49,733)	(49,733)
12-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.70	Ordinary	768	768
13-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.75	Ordinary	5,140	5,140
13-Oct-20	Vanguard Investments Australia Ltd.	SELL	9.75	Ordinary	(19,588)	(19,588)
19-Oct-20	Vanguard Investments Australia Ltd.	SELL	9.80	Ordinary	(28,536)	(28,536)
20-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.65	Ordinary	29,526	29,526
22-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary	2,168	2,168
23-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.73	Ordinary	5,200	5,200
27-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.54	Ordinary	42,994	42,994
27-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.53	Ordinary	7,852	7,852
28-Oct-20	Vanguard Investments Australia Ltd.	SELL	9.59	Ordinary	(18,492)	(18,492)
28-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.59	Ordinary	5,130	5,130
29-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.45	Ordinary	3,880	3,880
30-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.34	Ordinary	10,111	10,111
30-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.34	Ordinary	17,577	17,577
30-Oct-20	Vanguard Investments Australia Ltd.	BUY	9.35	Ordinary	5,889	5,889
3-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.49	Ordinary	5,160	5,160
3-Nov-20	Vanguard Investments Australia Ltd.	SELL	9.49	Ordinary	(27,267)	(27,267)
4-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.70	Ordinary	7,725	7,725
5-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.75	Ordinary	41,369	41,369
5-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.76	Ordinary	1,026	1,026
9-Nov-20	Vanguard Investments Australia Ltd.	SELL	9.91	Ordinary	(15,973)	(15,973)
10-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.72	Ordinary	8,755	8,755
10-Nov-20	Vanguard Investments Australia Ltd.	SELL	9.72	Ordinary	(8,059)	(8,059)
11-Nov-20	Vanguard Investments Australia Ltd.	BUY	10.11	Ordinary	5,889	5,889
13-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.83	Ordinary	27,242	27,242
13-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.83	Ordinary	8,738	8,738
17-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.78	Ordinary	3,926	3,926
17-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.78	Ordinary	5,220	5,220

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
17-Nov-20	Vanguard Investments Australia Ltd.	SELL	9.78	Ordinary	(25,153)	(25,153)
20-Nov-20	Vanguard Investments Australia Ltd.	BUY	10.25	Ordinary	778	778
20-Nov-20	Vanguard Investments Australia Ltd.	BUY	10.25	Ordinary	1,556	1,556
23-Nov-20	Vanguard Investments Australia Ltd.	BUY	10.20	Ordinary	6,168	6,168
25-Nov-20	Vanguard Investments Australia Ltd.	BUY	10.05	Ordinary	15,022	15,022
26-Nov-20	Vanguard Investments Australia Ltd.	SELL	9.90	Ordinary	(34,071)	(34,071)
26-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.90	Ordinary	10,469	10,469
26-Nov-20	Vanguard Investments Australia Ltd.	BUY	9.90	Ordinary	5,892	5,892
27-Nov-20	Vanguard Investments Australia Ltd.	SELL	9.75	Ordinary	(8,882)	(8,882)
30-Nov-20	Vanguard Investments Australia Ltd.	SELL	9.64	Ordinary	(33,417)	(33,417)
30-Nov-20	Vanguard Investments Australia Ltd.	SELL	9.64	Ordinary	(8,083)	(8,083)
30-Nov-20	Vanguard Investments Australia Ltd.	SELL	9.64	Ordinary	(30,509)	(30,509)
1-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.54	Ordinary	7,860	7,860
2-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.67	Ordinary	8,416	8,416
3-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary	78,983	78,983
3-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary	389	389
4-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.52	Ordinary	5,260	5,260
8-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary	3,742	3,742
9-Dec-20	Vanguard Investments Australia Ltd.	SELL	9.85	Ordinary	(6,022)	(6,022)
11-Dec-20	Vanguard Investments Australia Ltd.	BUY	10.00	Ordinary	6,890	6,890
11-Dec-20	Vanguard Investments Australia Ltd.	BUY	10.00	Ordinary	1,167	1,167
14-Dec-20	Vanguard Investments Australia Ltd.	BUY	10.06	Ordinary	5,604	5,604
15-Dec-20	Vanguard Investments Australia Ltd.	BUY	10.12	Ordinary	5,240	5,240
16-Dec-20	Vanguard Investments Australia Ltd.	BUY	10.13	Ordinary	5,230	5,230
17-Dec-20	Vanguard Investments Australia Ltd.	BUY	10.10	Ordinary	6,786	6,786
18-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.90	Ordinary	3,734	3,734
22-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.66	Ordinary	10,380	10,380
23-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.67	Ordinary	1,851	1,851
29-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.74	Ordinary	3,728	3,728
30-Dec-20	Vanguard Investments Australia Ltd.	BUY	9.69	Ordinary	5,592	5,592
31-Dec-20	Vanguard Investments Australia Ltd.	SELL	9.61	Ordinary	(4,682)	(4,682)
4-Jan-21	Vanguard Investments Australia Ltd.	BUY	9.78	Ordinary	5,190	5,190
4-Jan-21	Vanguard Investments Australia Ltd.	BUY	9.78	Ordinary	12,958	12,958
5-Jan-21	Vanguard Investments Australia Ltd.	SELL	10.02	Ordinary	(1,363)	(1,363)
6-Jan-21	Vanguard Investments Australia Ltd.	BUY	10.02	Ordinary	6,204	6,204
11-Jan-21	Vanguard Investments Australia Ltd.	BUY	10.05	Ordinary	5,544	5,544
14-Jan-21	Vanguard Investments Australia Ltd.	BUY	9.92	Ordinary	8,208	8,208
15-Jan-21	Vanguard Investments Australia Ltd.	SELL	10.07	Ordinary	(526)	(526)
19-Jan-21	Vanguard Investments Australia Ltd.	BUY	10.28	Ordinary	2,550	2,550
20-Jan-21	Vanguard Investments Australia Ltd.	BUY	10.48	Ordinary	5,544	5,544
20-Jan-21	Vanguard Investments Australia Ltd.	BUY	10.48	Ordinary	774	774
28-Jan-21	Vanguard Investments Australia Ltd.	BUY	9.88	Ordinary	6,643	6,643
2-Feb-21	Vanguard Investments Australia Ltd.	BUY	10.17	Ordinary	7,182	7,182
3-Feb-21	Vanguard Investments Australia Ltd.	BUY	10.47	Ordinary	9,460	9,460
3-Feb-21	Vanguard Investments Australia Ltd.	BUY	10.47	Ordinary	774	774
4-Feb-21	Vanguard Investments Australia Ltd.	BUY	10.54	Ordinary	8,202	8,202
5-Feb-21	Vanguard Investments Australia Ltd.	SELL	10.60	Ordinary	(2,383)	(2,383)
5-Feb-21	Vanguard Investments Australia Ltd.	BUY	10.60	Ordinary	1,512	1,512
5-Feb-21	Vanguard Investments Australia Ltd.	BUY	10.60	Ordinary	2,443	2,443
8-Feb-21	Vanguard Investments Australia Ltd.	BUY	10.90	Ordinary	5,625	5,625
8-Feb-21	Vanguard Investments Australia Ltd.	BUY	10.90	Ordinary	7,500	7,500
10-Feb-21	Vanguard Investments Australia Ltd.	BUY	11.02	Ordinary	6,513	6,513
11-Feb-21	Vanguard Investments Australia Ltd.	BUY	11.07	Ordinary	3,493	3,493
16-Feb-21	Vanguard Investments Australia Ltd.	BUY	11.36	Ordinary	5,628	5,628
16-Feb-21	Vanguard Investments Australia Ltd.	BUY	11.36	Ordinary	2,075	2,075
22-Feb-21	Vanguard Investments Australia Ltd.	SELL	10.89	Ordinary	(112,382)	(112,382)
22-Feb-21	Vanguard Investments Australia Ltd.	BUY	10.89	Ordinary	5,110	5,110
26-Feb-21	Vanguard Investments Australia Ltd.	SELL	9.88	Ordinary	(3,601)	(3,601)
26-Feb-21	Vanguard Investments Australia Ltd.	BUY	9.88	Ordinary	5,628	5,628
26-Feb-21	Vanguard Investments Australia Ltd.	BUY	9.88	Ordinary	5,210	5,210
3-Mar-21	Vanguard Investments Australia Ltd.	BUY	9.68	Ordinary	10,560	10,560
5-Mar-21	Vanguard Investments Australia Ltd.	BUY	9.49	Ordinary	5,320	5,320
8-Mar-21	Vanguard Investments Australia Ltd.	SELL	9.55	Ordinary	(10,537)	(10,537)
8-Mar-21	Vanguard Investments Australia Ltd.	BUY	9.55	Ordinary	1,170	1,170
9-Mar-21	Vanguard Investments Australia Ltd.	SELL	9.50	Ordinary	(10,471)	(10,471)
9-Mar-21	Vanguard Investments Australia Ltd.	BUY	9.50	Ordinary	1,578	1,578
10-Mar-21	Vanguard Investments Australia Ltd.	BUY	9.52	Ordinary	6,312	6,312
17-Mar-21	Vanguard Investments Australia Ltd.	BUY	10.14	Ordinary	5,613	5,613
17-Mar-21	Vanguard Investments Australia Ltd.	BUY	10.14	Ordinary	5,200	5,200
19-Mar-21	Vanguard Investments Australia Ltd.	SELL	9.98	Ordinary	(4,116)	(4,116)

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29-Mar-21	Vanguard Investments Australia Ltd.	BUY	9.86	Ordinary	3,740	3,740
30-Mar-21	Vanguard Investments Australia Ltd.	BUY	9.58	Ordinary	6,565	6,565
30-Mar-21	Vanguard Investments Australia Ltd.	BUY	9.58	Ordinary	5,555	5,555
31-Mar-21	Vanguard Investments Australia Ltd.	SELL	9.68	Ordinary	(21,984)	(21,984)
31-Mar-21	Vanguard Investments Australia Ltd.	BUY	9.68	Ordinary	730	730
1-Apr-21	Vanguard Investments Australia Ltd.	INSPECIE	9.84	Ordinary	(869,647)	(869,647)
6-Apr-21	Vanguard Investments Australia Ltd.	BUY	9.80	Ordinary	1,500	1,500
7-Apr-21	Vanguard Investments Australia Ltd.	BUY	9.87	Ordinary	6,024	6,024
8-Apr-21	Vanguard Investments Australia Ltd.	BUY	9.74	Ordinary	1,961	1,961
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	9.93	Ordinary	7,488	7,488
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	9.93	Ordinary	11,088	11,088
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	9.93	Ordinary	6,048	6,048
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	9.93	Ordinary	3,620	3,620
9-Apr-21	Vanguard Investments Australia Ltd.	BUY	9.93	Ordinary	1,086	1,086
14-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.14	Ordinary	362	362
14-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.14	Ordinary	1,086	1,086
14-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.14	Ordinary	724	724
16-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.13	Ordinary	5,610	5,610
20-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.05	Ordinary	10,160	10,160
21-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.03	Ordinary	16,119	16,119
21-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.03	Ordinary	33,134	33,134
26-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.43	Ordinary	5,610	5,610
28-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.45	Ordinary	9,412	9,412
28-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.45	Ordinary	2,603	2,603
29-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.46	Ordinary	5,610	5,610
29-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.46	Ordinary	1,448	1,448
30-Apr-21	Vanguard Investments Australia Ltd.	BUY	10.54	Ordinary	5,607	5,607
3-May-21	Vanguard Investments Australia Ltd.	SELL	10.40	Ordinary	(4,103)	(4,103)
3-May-21	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	5,090	5,090
3-May-21	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	1,086	1,086
5-May-21	Vanguard Investments Australia Ltd.	BUY	10.56	Ordinary	5,607	5,607
6-May-21	Vanguard Investments Australia Ltd.	BUY	10.58	Ordinary	3,738	3,738
6-May-21	Vanguard Investments Australia Ltd.	BUY	10.58	Ordinary	7,635	7,635
7-May-21	Vanguard Investments Australia Ltd.	BUY	10.62	Ordinary	31,191	31,191
7-May-21	Vanguard Investments Australia Ltd.	BUY	10.62	Ordinary	362	362
10-May-21	Vanguard Investments Australia Ltd.	BUY	11.26	Ordinary	362	362
11-May-21	Vanguard Investments Australia Ltd.	BUY	10.96	Ordinary	499	499
13-May-21	Vanguard Investments Australia Ltd.	BUY	10.67	Ordinary	15,153	15,153
13-May-21	Vanguard Investments Australia Ltd.	BUY	10.67	Ordinary	5,256	5,256
13-May-21	Vanguard Investments Australia Ltd.	BUY	10.67	Ordinary	3,241	3,241
13-May-21	Vanguard Investments Australia Ltd.	BUY	10.67	Ordinary	9,259	9,259
13-May-21	Vanguard Investments Australia Ltd.	BUY	10.67	Ordinary	726	726
13-May-21	Vanguard Investments Australia Ltd.	BUY	10.67	Ordinary	1,089	1,089
14-May-21	Vanguard Investments Australia Ltd.	BUY	10.87	Ordinary	5,610	5,610
14-May-21	Vanguard Investments Australia Ltd.	BUY	10.87	Ordinary	7,000	7,000
17-May-21	Vanguard Investments Australia Ltd.	SELL	10.88	Ordinary	(17,479)	(17,479)
17-May-21	Vanguard Investments Australia Ltd.	BUY	10.88	Ordinary	6,000	6,000
18-May-21	Vanguard Investments Australia Ltd.	BUY	11.03	Ordinary	5,445	5,445
19-May-21	Vanguard Investments Australia Ltd.	BUY	10.77	Ordinary	6,500	6,500
20-May-21	Vanguard Investments Australia Ltd.	INSPECIE	10.88	Ordinary	(1,741,925)	(1,741,925)
20-May-21	Vanguard Investments Australia Ltd.	INSPECIE	10.88	Ordinary	(15,019)	(15,019)
20-May-21	Vanguard Investments Australia Ltd.	BUY	10.88	Ordinary	7,460	7,460
20-May-21	Vanguard Investments Australia Ltd.	BUY	10.88	Ordinary	1,092	1,092
21-May-21	Vanguard Investments Australia Ltd.	BUY	10.88	Ordinary	10,040	10,040
21-May-21	Vanguard Investments Australia Ltd.	BUY	10.88	Ordinary	2,548	2,548
21-May-21	Vanguard Investments Australia Ltd.	BUY	10.88	Ordinary	364	364
25-May-21	Vanguard Investments Australia Ltd.	BUY	10.90	Ordinary	6,048	6,048
26-May-21	Vanguard Investments Australia Ltd.	BUY	12.30	Ordinary	363	363
26-May-21	Vanguard Investments Australia Ltd.	BUY	12.30	Ordinary	3,161	3,161
27-May-21	Vanguard Investments Australia Ltd.	BUY	12.00	Ordinary	7,464	7,464
27-May-21	Vanguard Investments Australia Ltd.	SELL	12.03	Ordinary	(35,000)	(35,000)
28-May-21	Vanguard Investments Australia Ltd.	SELL	12.18	Ordinary	(4,652)	(4,652)
3-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.47	Ordinary	364	364
8-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.61	Ordinary	5,976	5,976
9-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.66	Ordinary	5,964	5,964
15-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.59	Ordinary	7,076	7,076
15-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.59	Ordinary	364	364
18-Jun-21	Vanguard Investments Australia Ltd.	SELL	12.48	Ordinary	(2,748)	(2,748)
22-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.83	Ordinary	1,956	1,956
22-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.83	Ordinary	4,890	4,890

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23-Jun-21	Vanguard Investments Australia Ltd.	INSPECIE	12.74	Ordinary	(841,326)	(841,326)
23-Jun-21	Vanguard Investments Australia Ltd.	INSPECIE	12.74	Ordinary	(404,808)	(404,808)
23-Jun-21	Vanguard Investments Australia Ltd.	INSPECIE	12.74	Ordinary	(344,529)	(344,529)
23-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.74	Ordinary	718	718
24-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.74	Ordinary	718	718
24-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.74	Ordinary	2,802	2,802
29-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.88	Ordinary	7,136	7,136
29-Jun-21	Vanguard Investments Australia Ltd.	BUY	12.88	Ordinary	5,868	5,868
30-Jun-21	Vanguard Investments Australia Ltd.	SELL	13.04	Ordinary	(11,854)	(11,854)
1-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.86	Ordinary	1,411	1,411
2-Jul-21	Vanguard Investments Australia Ltd.	BUY	13.05	Ordinary	2,430	2,430
2-Jul-21	Vanguard Investments Australia Ltd.	BUY	13.05	Ordinary	1,077	1,077
7-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.86	Ordinary	6,790	6,790
9-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.34	Ordinary	6,936	6,936
9-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.34	Ordinary	8,245	8,245
9-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.34	Ordinary	6,790	6,790
12-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.31	Ordinary	2,327	2,327
13-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.23	Ordinary	1,436	1,436
13-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.23	Ordinary	2,872	2,872
15-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.24	Ordinary	27,450	27,450
15-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.24	Ordinary	12,827	12,827
19-Jul-21	Vanguard Investments Australia Ltd.	SELL	12.14	Ordinary	(3,041)	(3,041)
19-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.14	Ordinary	2,425	2,425
20-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.31	Ordinary	5,223	5,223
20-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.31	Ordinary	5,796	5,796
20-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.31	Ordinary	798	798
22-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.45	Ordinary	2,082	2,082
23-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.46	Ordinary	5,808	5,808
26-Jul-21	Vanguard Investments Australia Ltd.	SELL	12.36	Ordinary	(7,296)	(7,296)
26-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.36	Ordinary	4,781	4,781
27-Jul-21	Vanguard Investments Australia Ltd.	INSPECIE	12.54	Ordinary	(434,815)	(434,815)
27-Jul-21	Vanguard Investments Australia Ltd.	BUY	12.54	Ordinary	6,964	6,964
29-Jul-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	360	360
3-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.53	Ordinary	5,538	5,538
3-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.53	Ordinary	6,860	6,860
5-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.82	Ordinary	7,044	7,044
5-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.82	Ordinary	1,080	1,080
6-Aug-21	Vanguard Investments Australia Ltd.	BUY	13.10	Ordinary	1,440	1,440
9-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.80	Ordinary	5,892	5,892
10-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.78	Ordinary	995	995
12-Aug-21	Vanguard Investments Australia Ltd.	SELL	12.84	Ordinary	(2,802)	(2,802)
16-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.60	Ordinary	9,780	9,780
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.70	Ordinary	9,780	9,780
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.70	Ordinary	3,912	3,912
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.70	Ordinary	1,083	1,083
18-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.70	Ordinary	1,245	1,245
19-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.78	Ordinary	6,344	6,344
20-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.76	Ordinary	7,284	7,284
20-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.76	Ordinary	2,445	2,445
23-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.83	Ordinary	724	724
25-Aug-21	Vanguard Investments Australia Ltd.	SELL	12.79	Ordinary	(3,161)	(3,161)
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.79	Ordinary	7,044	7,044
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.79	Ordinary	6,396	6,396
25-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.79	Ordinary	1,536	1,536
26-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.67	Ordinary	4,940	4,940
30-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.50	Ordinary	6,916	6,916
30-Aug-21	Vanguard Investments Australia Ltd.	BUY	12.50	Ordinary	1,086	1,086
31-Aug-21	Vanguard Investments Australia Ltd.	SELL	12.78	Ordinary	(2,182)	(2,182)
1-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.45	Ordinary	878	878
2-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.83	Ordinary	7,968	7,968
2-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.83	Ordinary	53,691	53,691
2-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.83	Ordinary	1,086	1,086
3-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.73	Ordinary	1,448	1,448
6-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.95	Ordinary	5,976	5,976
7-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.95	Ordinary	7,012	7,012
8-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.77	Ordinary	12,921	12,921
9-Sep-21	Vanguard Investments Australia Ltd.	SELL	12.64	Ordinary	(2,468)	(2,468)
9-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.64	Ordinary	6,972	6,972
9-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.64	Ordinary	904	904
10-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.86	Ordinary	1,644	1,644

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
15-Sep-21	Vanguard Investments Australia Ltd.	SELL	12.81	Ordinary	(1,087)	(1,087)
15-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.81	Ordinary	6,000	6,000
17-Sep-21	Vanguard Investments Australia Ltd.	SELL	13.00	Ordinary	(1,186)	(1,186)
17-Sep-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	5,265	5,265
17-Sep-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	3,920	3,920
17-Sep-21	Vanguard Investments Australia Ltd.	BUY	13.00	Ordinary	1,456	1,456
20-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.81	Ordinary	6,986	6,986
20-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.81	Ordinary	1,460	1,460
22-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.72	Ordinary	728	728
23-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.95	Ordinary	8,466	8,466
24-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.75	Ordinary	2,901	2,901
27-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.85	Ordinary	3,640	3,640
28-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.68	Ordinary	5,976	5,976
29-Sep-21	Vanguard Investments Australia Ltd.	BUY	12.70	Ordinary	2,490	2,490
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	12.34	Ordinary	7,904	7,904
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	12.34	Ordinary	7,410	7,410
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	12.34	Ordinary	1,800	1,800
1-Oct-21	Vanguard Investments Australia Ltd.	BUY	12.34	Ordinary	1,440	1,440
4-Oct-21	Vanguard Investments Australia Ltd.	BUY	12.55	Ordinary	2,465	2,465
5-Oct-21	Vanguard Investments Australia Ltd.	BUY	12.28	Ordinary	7,008	7,008
5-Oct-21	Vanguard Investments Australia Ltd.	BUY	12.28	Ordinary	2,880	2,880
8-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.13	Ordinary	7,856	7,856
11-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.11	Ordinary	1,810	1,810
12-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.19	Ordinary	7,076	7,076
12-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.19	Ordinary	7,004	7,004
12-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.19	Ordinary	1,168	1,168
12-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.19	Ordinary	2,534	2,534
15-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.56	Ordinary	6,331	6,331
18-Oct-21	Vanguard Investments Australia Ltd.	SELL	13.61	Ordinary	(4,511)	(4,511)
18-Oct-21	Vanguard Investments Australia Ltd.	SELL	13.61	Ordinary	(6,770)	(6,770)
18-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.61	Ordinary	1,448	1,448
19-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.66	Ordinary	5,253	5,253
19-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.66	Ordinary	1,448	1,448
21-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.67	Ordinary	6,370	6,370
26-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.58	Ordinary	1,448	1,448
27-Oct-21	Vanguard Investments Australia Ltd.	INSPECIE	13.37	Ordinary	(230,928)	(230,928)
28-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.36	Ordinary	57,141	57,141
29-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.21	Ordinary	7,004	7,004
29-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.21	Ordinary	7,425	7,425
29-Oct-21	Vanguard Investments Australia Ltd.	BUY	13.21	Ordinary	1,448	1,448
1-Nov-21	Vanguard Investments Australia Ltd.	SELL	13.50	Ordinary	(3,082)	(3,082)
1-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.50	Ordinary	2,480	2,480
2-Nov-21	Vanguard Investments Australia Ltd.	SELL	13.29	Ordinary	(23,602)	(23,602)
3-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.53	Ordinary	487	487
3-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.53	Ordinary	1,560	1,560
4-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.51	Ordinary	6,048	6,048
5-Nov-21	Vanguard Investments Australia Ltd.	INSPECIE	13.50	Ordinary	(2,249,101)	(2,249,101)
5-Nov-21	Vanguard Investments Australia Ltd.	BUY	13.56	Ordinary	1,448	1,448

This is Annexure A of 18 pages referred to in Form 605, Notice of ceasing to be a substantial holder.

Signature:



Name: Shawn Acker

Capacity: Compliance Manager

Date: 19 November 2021